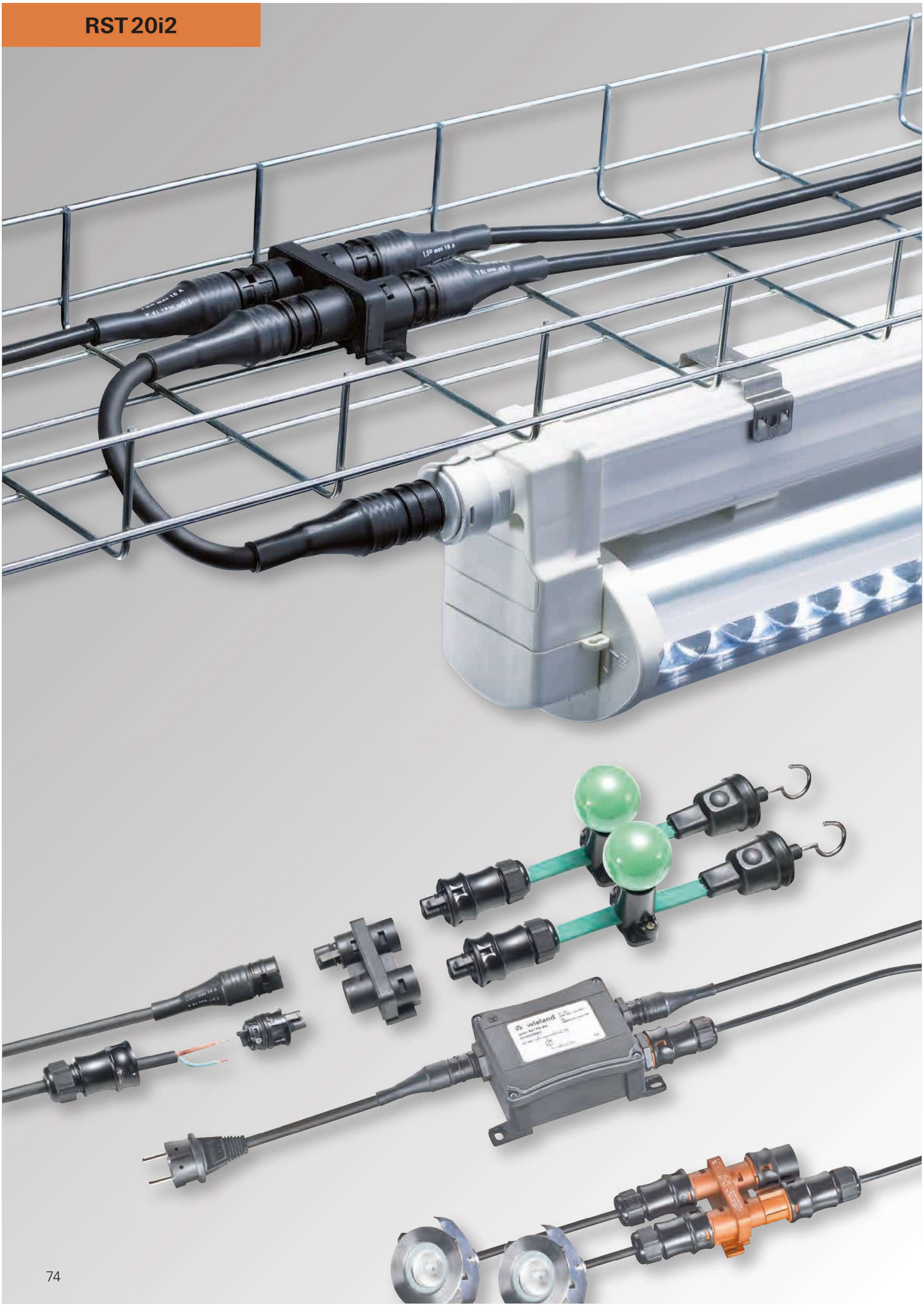


Overview matrix **RST® CLASSIC**. Codings and applications at a glance

		RST 20i2			RST 20i3				RST 25i3
		2-pole, 20A			3-pole, 20A				3-pole, 32A
		L, N	+, -	1, 2	L, N, ⊕	1, 2, ⊕	1, 2, 3	1, 2, ⊕	L, N, ⊕
Pole marking		250V black or light gray	~50/-120V pebble gray	~50/-120V signal brown	250V black or light gray	250/400V leaf green	250/400V light blue	~50/-120V signal brown	250V concrete gray
Application									
Contact insert male and female		 	 	 	 	 	 	 	
		Spring clamp (F) Screw (S) Crimp (C)			F S C	F S	F S	F S	S
Connectors	1 x cable entry	Ø 6 –10 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Ø 10 –14 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Ø 13 –18 mm			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
		Flat cable 13 x 6 mm	<input checked="" type="checkbox"/>						
		AS-i profile cable		<input checked="" type="checkbox"/>					
	2 x cable entry	Ø 6 –10 mm	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
		Ø 10 –14 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
		AS-i profile cable							
Device connectors	1 piece	M25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2 piece	M16 straight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		M16 7° angled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		M20 straight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		M20 angled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		M25 angled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Distrib. units	Distribution block 1 I/3 O		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	RST® compact/ multi-distribution units		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Individual distribution box		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cable assemblies	Expansion cable Female – Male		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Power connection Female – Free end		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Power connection Male – Free end		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Power connection Safety plug – female				<input checked="" type="checkbox"/>				
	Power cable/contour cable		<input checked="" type="checkbox"/>						
	European connector, SKII – female		<input checked="" type="checkbox"/>						

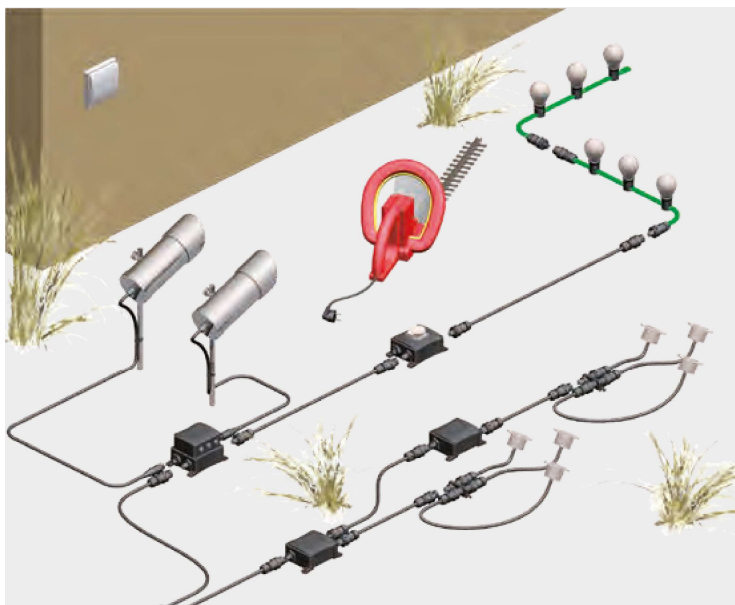
RST® CLASSIC



Applications in the range of protection class II and extra-low voltage for industry and LED technology



Application example



You therefore have the security of a clear separation of different applications without having to redo any incorrect connections. The color of the connectors indicates the links that belong together.

General

The two-pole connectors are based on the 3-pole variant, but with one pole not configured.

There are essentially two variants. One coding can be used for protection class II applications and is downwardly compatible with the 3-pole system with ground conductor (RST 20i3). This makes it possible to transition from a system with earthing contact to a 2-pole system – but not the other way round!

The other version is aimed at applications in the extra-low voltage range, such as serial or parallel LED wiring, or at industrial applications with 24 V auxiliary power and AS-i. All connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity.

Coding

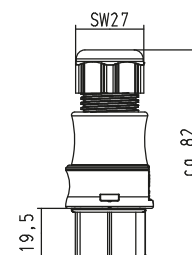
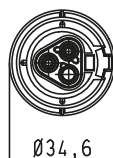
For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.					Application		250V		~50/-120V	
					Mechanical coding		L, N		+, -	1, 2
Name	Description	Connection style	Strain relief housing	Connection points per pole	light gray	black	pebble gray	signal brown		
Connector	1 x cable entry	Screw	yes	1	✓	✓	✓	✓		
	2 x cable entry	Spring clamp	yes	2	✓	✓	✓	✓		
Distribution units	Distribution block 1 I/3 O				✓	✓	✓	✓		
	RST compact distribution unit/multi-distribution unit				✓	✓	on request	✓		
	Individual distribution box				on request	on request	on request	on request		
	Series distribution unit for power LEDs								✓	
Device connectors	M16 device connector, modular, straight				✓	✓	✓	✓		
	M16 device connector, modular, angled 7°				✓	✓	✓	✓		
	M25 device connector, standard				✓	✓	✓	✓		
	M20 device connector, standard				✓	✓	✓	✓		
	M20 device connector, modular, straight				✓	✓	✓	✓		
	M25 device connector, modular, angled				✓	✓	✓	✓		
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		
	Connection cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		
	Connection cable Europ. conn. SK II – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		
	Round cable	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		
	AS-i profile cable	pre-assembled	pre-assembled	pre-assembled			✓			





Connectors, straight for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

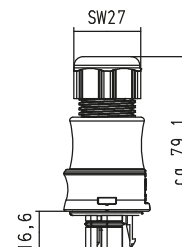
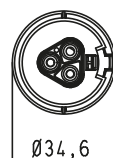






				with spring clamp connection			with screw connection ¹⁾		
				Wire	mm ²	Ferrules	Wire	mm ²	
				rigid	0.5 – 2.5		rigid	0.75 – 6.0 ²⁾	
				fine-stranded	0.5 – 1.5		with ferrules		without ferrules
				stranded	0.75 – 1.5		with ferrules		without ferrules
Application	Coding	Cable diameter in mm	Color	Part No.			Part No.		
250V	 L, N	6 – 10	light gray	96.021.0053.0			96.021.4053.0		
			black	96.021.0053.1			96.021.4053.1		
		10 – 14	light gray	96.021.0153.0			96.021.4153.0		
	 1, 2		black	96.021.0153.1			96.021.4153.1		
		Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²⁾	light gray	96.021.0453.0			96.021.4453.0		
			black	96.021.0453.1			96.021.4453.1		
~50/-120V	 +, –	6 – 10	leaf green	on request			96.021.4055.7		
		10 – 14	leaf green	on request			96.021.4155.7		
	 1, 2	Round cable 6 – 10	pebble gray	96.021.0050.8			96.021.4050.8		
		AS-i profile cable	pebble gray	96.021.0950.8			96.021.4950.8		
		6 – 10	signal brown	96.021.0051.4			96.021.4051.4		
		AS-i profile cable	signal brown	96.021.0951.4			96.021.4951.4		
	Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²⁾	signal brown	96.021.0451.4			96.021.4451.4			

Male connector

Unmounted with cable gland and locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



				with spring clamp connection			with screw connection ¹⁾		
				Wire	mm ²	Ferrules	Wire	mm ²	
				rigid	0.5 – 2.5		rigid	0.75 – 6.0 ²⁾	
				fine-stranded	0.5 – 1.5	with ferrules	fine-stranded		without ferrules
				stranded	0.75 – 1.5	with ferrules	stranded		without ferrules
Application	Coding	Cable diameter in mm	Color	Part No.			Part No.		
250V	 N, L	6 – 10	light gray	96.022.0053.0			96.022.4053.0		
			black	96.022.0053.1			96.022.4053.1		
		10 – 14	light gray	96.022.0153.0			96.022.4153.0		
	 1, 2		black	96.022.0153.1			96.022.4153.1		
		Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	light gray	96.022.0453.0			96.022.4453.0		
			black	96.022.0453.1			96.022.4453.1		
~50/-120V	 -, +	6 – 10	leaf green	on request			96.022.4055.7		
		10 – 14	leaf green	on request			96.022.4155.7		
		Round cable 6 – 10	pebble gray	96.022.0050.8			96.022.4050.8		
	 2, 1	AS-i profile cable	pebble gray	96.022.0950.8			96.022.4950.8		
		6 – 10	signal brown	96.022.0051.4			96.022.4051.4		
		AS-i profile cable	signal brown	96.022.0951.4			96.022.4951.4		
	Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	signal brown	96.022.0451.4			96.022.4451.4			

¹⁾ With wire protection available on request.

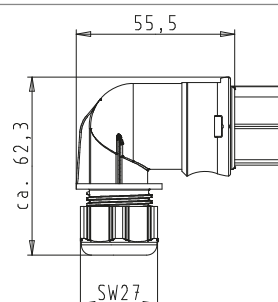
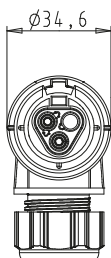
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated using suitable measures if required. See also chapter on Technical Data and eShop.

Connectors, angled 90° for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.






with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules

with screw connection¹⁾

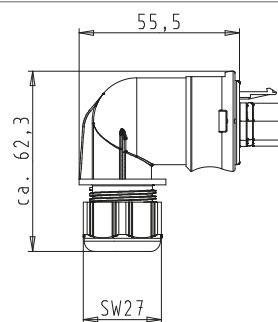
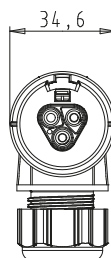
Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	without ferrules
stranded		without ferrules

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250V	 L, N	6 – 10	light gray	96.023.0053.0	96.023.4053.0
			black	96.023.0053.1	96.023.4053.1
		10 – 14	light gray	96.023.0153.0	96.023.4153.0
			black	96.023.0153.1	96.023.4153.1
~50/-120V	 +, –	Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	light gray	96.023.0453.0	96.023.4453.0
			black	96.023.0453.1	96.023.4453.1
		Round cable 6–10	pebble gray	96.023.0050.8	96.023.4050.8
		AS-i profile cable	pebble gray	96.023.0950.8	96.023.4950.8
	 1, 2	6 – 10	signal brown	96.023.0051.4	96.023.4051.4
			signal brown	96.023.0951.4	96.023.4951.4
		AS-i profile cable	signal brown		
		Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	signal brown	96.023.0451.4	96.023.4451.4

Male connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	without ferrules
stranded		without ferrules

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250V	 N, L	6 – 10	light gray	96.024.0053.0	96.024.4053.0
			black	96.024.0053.1	96.024.4053.1
		10 – 14	light gray	96.024.0153.0	96.024.4153.0
			black	96.024.0153.1	96.024.4153.1
~50/-120V	 -, +	Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	light gray	96.024.0453.0	96.024.4453.0
			black	96.024.0453.1	96.024.4453.1
		Round cable 6–10	pebble gray	96.024.0050.8	96.024.4050.8
		AS-i profile cable	pebble gray	96.024.0950.8	96.024.4950.8
	 2, 1	6 – 10	signal brown	96.024.0051.4	96.024.4051.4
			signal brown	96.024.0951.4	96.024.4951.4
		AS-i profile cable	signal brown		
		Illumination cable 13.3x5.3 H05RNH2-F2 x 1.5 ²	signal brown	96.024.0451.4	96.024.4451.4

¹⁾ With wire protection available on request.

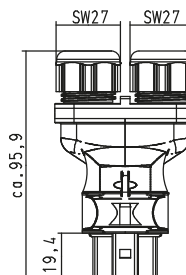
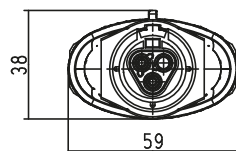
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated using suitable measures if required. See also chapter on Technical Data and eShop.

Splitter connector, straight for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.





with spring clamp connection

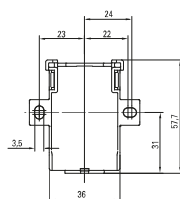
Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 2.5	without ferrules
stranded		without ferrules

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250V	 L, N	6 – 10	light gray	96.021.0253.0	96.021.4253.0
		10 – 14	black	96.021.0253.1	96.021.4253.1
		Illumination cable 13.3x5.3	light gray	96.021.0353.0	96.021.4353.0
		H05RNH2-F2 x 1.5 ²	black	96.021.0353.1	96.021.4353.1
~50/-120V	 1, 2	6 – 10	signal brown	on request	on request
		AS-i profile cable	signal brown	96.021.0251.4	96.021.4251.4
		Illumination cable 13.3x5.3	signal brown	96.021.0351.4	96.021.4351.4
		H05RNH2-F2 x 1.5 ²	signal brown	on request	on request

Mounting plate for splitter connectors



Color	Part No.
gray	01.006.1553.0
black	01.006.1553.1

¹⁾ With wire protection available on request

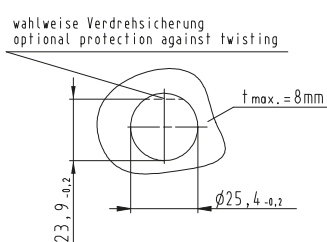
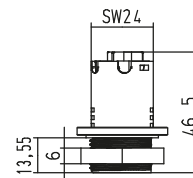
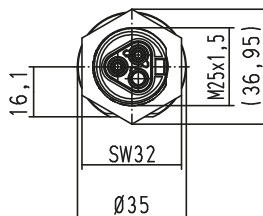
M25 device connector straight, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

For spacer rings for unlocking at the device connector, see Accessories.



Application	Coding	Color
250V	L, N	light gray black
~50/-120V	+, -	pebble gray
	1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M25 x 1.5	
Gland	outside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M25 x 1.5	
Gland	outside	

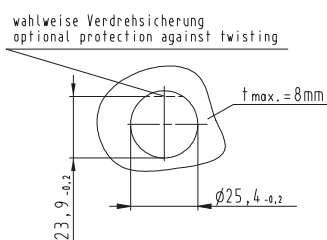
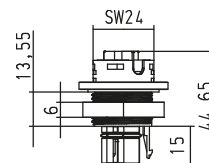
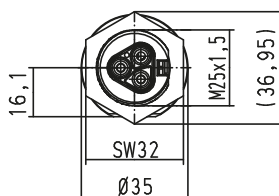
Part No.
96.021.1053.0
96.021.1053.1
96.021.1050.8
96.021.1051.4

Part No.
96.021.5053.0
96.021.5053.1
96.021.5050.8
96.021.5051.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Color
250V	N, L	light gray black
~50/-120V	-, +	pebble gray
	1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M25 x 1.5	
Gland	outside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M25 x 1.5	
Gland	outside	

Part No.
96.022.1053.0
96.022.1053.1
96.022.1050.8
96.022.1051.4

Part No.
96.022.5053.0
96.022.5053.1
96.022.5050.8
96.022.5051.4

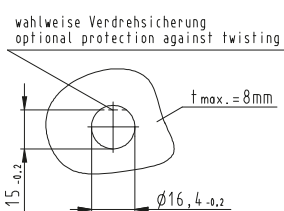
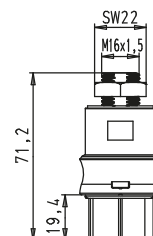
¹⁾ With wire protection available on request

M16 device connector straight, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M16 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M16 x 1.5	
Gland	inside	

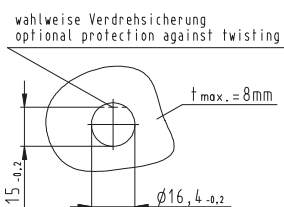
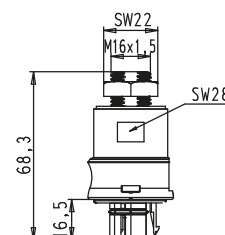
Application	Coding	Color
250V	L, N	light gray
	+, -	black
	1, 2	pebble gray
~50/-120V	1, 2	signal brown

Part No.	Part No.
96.021.2153.0	96.021.6153.0
96.021.2153.1	96.021.6153.1
96.021.2150.8	96.021.6150.8
96.021.2151.4	96.021.6151.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M16 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M16 x 1.5	
Gland	inside	

Application	Coding	Color
250V	N, L	light gray
	-, +	black
	1, 2	pebble gray
~50/-120V	1, 2	signal brown

Part No.	Part No.
96.022.2153.0	96.022.6153.0
96.022.2153.1	96.022.6153.1
96.022.2150.8	96.022.6150.8
96.022.2151.4	96.022.6151.4

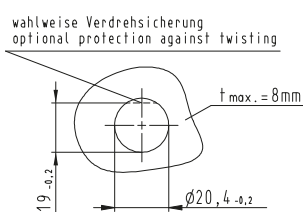
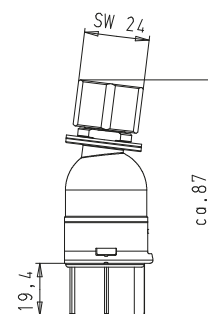
¹⁾ With wire protection available on request

M16 device connector angled 7°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M16 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M16 x 1.5	
Gland	inside	

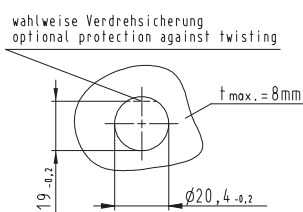
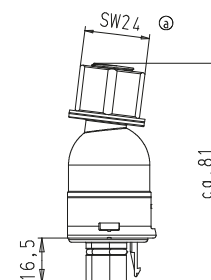
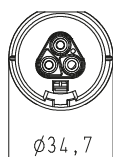
Application	Coding	Color
250V	L, N	light gray black
~50/-120V	+, -	pebble gray
	1, 2	signal brown

Part No.	Part No.
96.025.2153.0	96.025.6153.0
96.025.2153.1	96.025.6153.1
	96.025.6150.8
96.025.2151.4	96.025.6151.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M16 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M16 x 1.5	
Gland	inside	

Application	Coding	Color
250V	N, L	light gray black
~50/-120V	-, +	pebble gray
	1, 2	signal brown

Part No.	Part No.
96.026.2153.0	96.026.6153.0
96.026.2153.1	96.026.6153.1
96.026.2150.8	96.026.6150.8
96.026.2151.4	96.026.6151.4

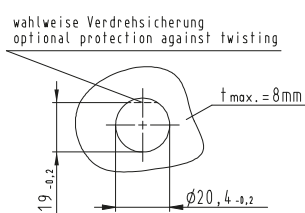
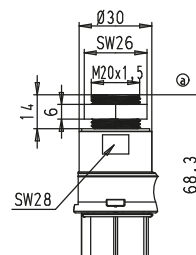
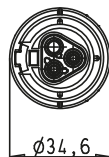
¹⁾ With wire protection available on request

M20 device connector straight, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.






with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M20 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M20 x 1.5	
Gland	inside	

Application	Coding	Color
250V	 L, N	light gray
	 +, -	black
	 1, 2	pebble gray
~50/-120V		signal brown

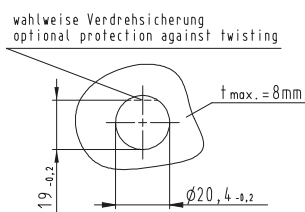
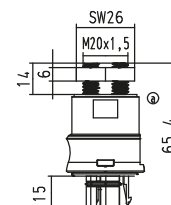
Part No.
96.021.2053.0
96.021.2053.1
96.021.2051.4

Part No.
96.021.6053.0
96.021.6053.1
96.021.6050.8
96.021.6051.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules
Term. poles	2	
Thread	M20 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules
stranded		without ferrules
Term. poles	1	
Thread	M20 x 1.5	
Gland	inside	

Application	Coding	Color
250V	 L, N	light gray
	 +, -	black
	 1, 2	pebble gray
~50/-120V		signal brown

Part No.
96.022.2053.0
96.022.2053.1
96.022.2051.4

Part No.
96.022.6053.0
96.022.6053.1
96.022.6050.8
96.022.6051.4

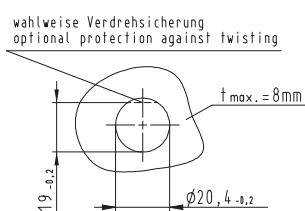
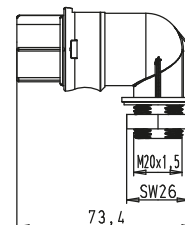
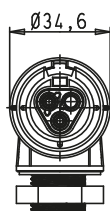
¹⁾ With wire protection available on request




M20 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Color
250V	 L, N	light gray black
~50/-120V	 +, -	pebble gray
	 1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M20 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M20 x 1.5	
Gland	inside	

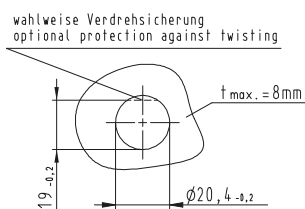
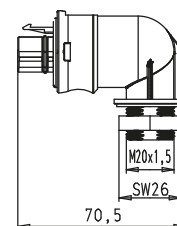
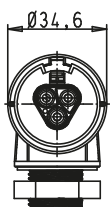
Part No.
96.023.2053.0
96.023.2053.1
96.023.2050.8
96.023.2051.4


Part No.
96.023.6053.0
96.023.6053.1
96.023.6050.8
96.023.6051.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Color
250V	 L, N	light gray black
~50/-120V	 +, -	pebble gray
	 1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M20 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M20 x 1.5	
Gland	inside	

Part No.
96.024.2053.0
96.024.2053.1
96.024.2050.8
96.024.2051.4

Part No.
96.024.6053.0
96.024.6053.1
96.024.6050.8
96.024.6051.4

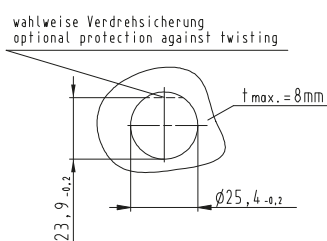
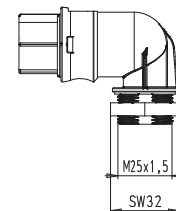
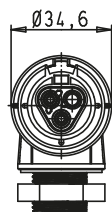
¹⁾ With wire protection available on request




M25 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Color
250V	 L, N	light gray black
~50/-120V	 +, -	pebble gray
	 1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M25 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M25 x 1.5	
Gland	inside	

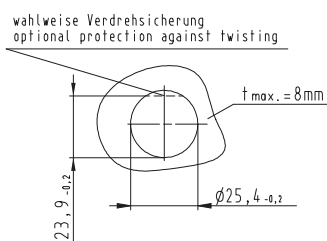
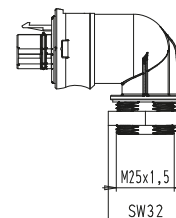
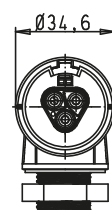
Part No.
96.023.2253.0
96.023.2253.1
96.023.2250.8
96.023.2251.4




Part No.
96.023.6253.0
96.023.6253.1
96.023.6250.8
96.023.6251.4

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Color
250V	 L, N	light gray black
~50/-120V	 +, -	pebble gray
	 1, 2	signal brown

with spring clamp connection

Wire	mm ²	Ferrules
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules with ferrules
stranded	0.75 – 1.5	
Term. poles	2	
Thread	M25 x 1.5	
Gland	inside	

with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0	without ferrules without ferrules
stranded		
Term. poles	1	
Thread	M25 x 1.5	
Gland	inside	

Part No.
96.024.2253.0
96.024.2253.1
96.024.2250.8
96.024.2251.4

Part No.
96.024.6253.0
96.024.6253.1
96.024.6250.8
96.024.6251.4

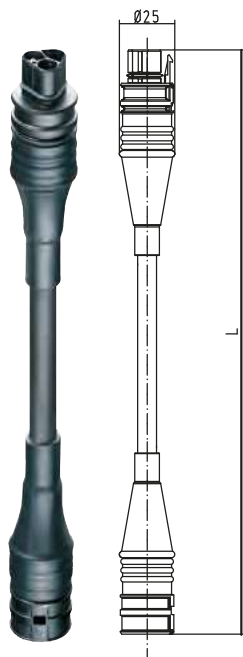
¹⁾ With wire protection available on request

Cable assemblies

Cable 2 x 1.5 mm²; 16 A

Rated values				
Wire ends	(open cable end)	ultrason. welded	Pull relief	shrinkage tube
Sheath strip length	(open cable end)	35 mm	Interlock	integrated
Wire strip length	(open cable end)	9 mm	Color cable	black
			Color shrinkage tube	black

Connection cables female – male

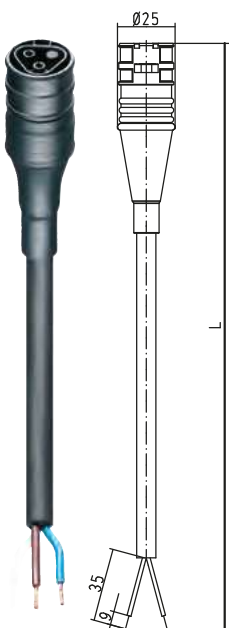


Cable	Length m	Part No.	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.222.1000.1	96.222.1002.4	on request
	2	96.222.2000.1	96.222.2002.4	
	3	96.222.3000.1	96.222.3002.4	
	4	96.222.4000.1	96.222.4002.4	
	5	96.222.5000.1	96.222.5002.4	
	6	96.222.6000.1	96.222.6002.4	
	7	96.222.7000.1	96.222.7002.4	
	8	96.222.8000.1	96.222.8002.4	

Cable	Length m	Part No.	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.222.1030.1	96.222.1032.4	on request
	2	96.222.2030.1	96.222.2032.4	
	3	96.222.3030.1	96.222.3032.4	
	4	96.222.4030.1	96.222.4032.4	
	5	96.222.5030.1	96.222.5032.4	
	6	96.222.6030.1	96.222.6032.4	
	7	96.222.7030.1	96.222.7032.4	
	8	96.222.8030.1	96.222.8032.4	

2-pole connectors – one pole is not configured.

Connection cables female – free end



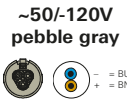
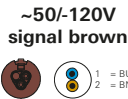
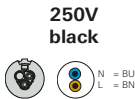
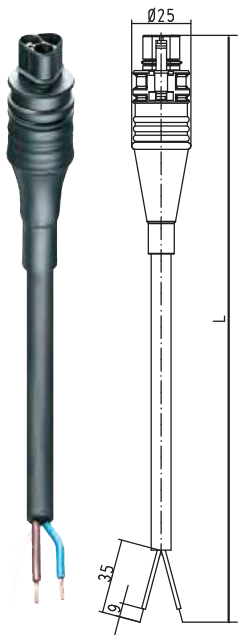
Cable	Length m	Part No.	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.222.1003.1	96.222.1007.4	on request
	2	96.222.2003.1	96.222.2007.4	
	3	96.222.3003.1	96.222.3007.4	
	4	96.222.4003.1	96.222.4007.4	
	5	96.222.5003.1	96.222.5007.4	
	6	96.222.6003.1	96.222.6007.4	
	7	96.222.7003.1	96.222.7007.4	
	8	96.222.8003.1	96.222.8007.4	

Cable	Length m	Part No.	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.222.1033.1	96.222.1037.4	on request
	2	96.222.2033.1	96.222.2037.4	
	3	96.222.3033.1	96.222.3037.4	
	4	96.222.4033.1	96.222.4037.4	
	5	96.222.5033.1	96.222.5037.4	
	6	96.222.6033.1	96.222.6037.4	
	7	96.222.7033.1	96.222.7037.4	
	8	96.222.8033.1	96.222.8037.4	

2-pole connectors – one pole is not configured.

Cable assemblies
Cable 2 x 1.5 mm²; 16 A

Connection cables male – free end

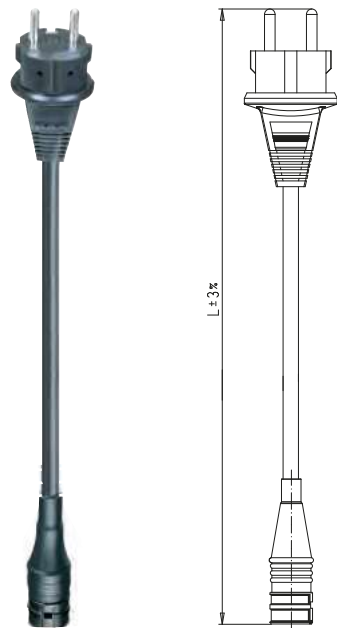


Cable	Length m	Part No.	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.222.1004.1	96.222.1008.4	on request
	2	96.222.2004.1	96.222.2008.4	
	3	96.222.3004.1	96.222.3008.4	
	4	96.222.4004.1	96.222.4008.4	
	5	96.222.5004.1	96.222.5008.4	
	6	96.222.6004.1	96.222.6008.4	
	7	96.222.7004.1	96.222.7008.4	
	8	96.222.8004.1	96.222.8008.4	
Cable	Length m	Part No.	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.222.1034.1	96.222.1038.4	on request
	2	96.222.2034.1	96.222.2038.4	
	3	96.222.3034.1	96.222.3038.4	
	4	96.222.4034.1	96.222.4038.4	
	5	96.222.5034.1	96.222.5038.4	
	6	96.222.6034.1	96.222.6038.4	
	7	96.222.7034.1	96.222.7038.4	
	8	96.222.8034.1	96.222.8038.4	

2-pole connectors – one pole is not configured.

Power Connection cable

Male: CEE 7/17 unearthed plug – female: **RST**®



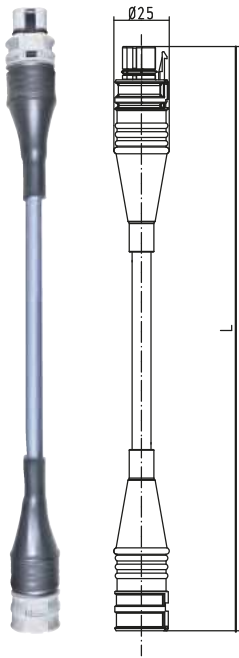
250V
black

Cable	Length m	Part No..
Rubber-sheathed cable H07RN-F containing halogen	1.5	99.708.0000.7

Cable assemblies
Cable 2 x 1.5 mm²; 16 A

Rated values				
Wire ends	(open cable end)	ultrason. welded	Pull relief	shrinkage tube
Sheath strip length	(open cable end)	35 mm	Interlock	integrated
Wire strip length	(open cable end)	9 mm	Color cable	gray
			Color shrinkage tube	black

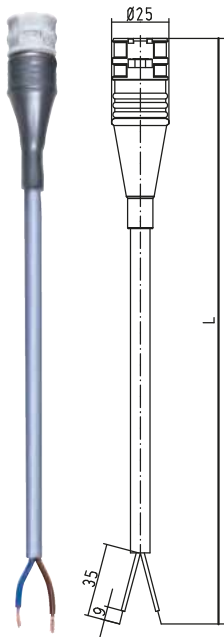
Connection cables female – male



Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.222.1092.8	96.222.1092.4
	2	96.222.2092.8	96.222.2092.4
	3	96.222.3092.8	96.222.3092.4
	4	96.222.4092.8	96.222.4092.4
	5	96.222.5092.8	96.222.5092.4
	6	96.222.6092.8	96.222.6092.4
	7	96.222.7092.8	96.222.7092.4
	8	96.222.8092.8	96.222.8092.4

2-pole connectors – one pole is not configured.

Connection cables female – free end

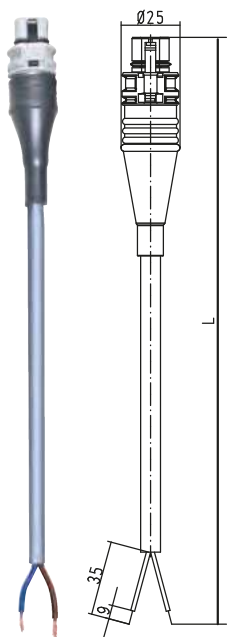


Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.222.1097.8	96.222.1097.4
	2	96.222.2097.8	96.222.2097.4
	3	96.222.3097.8	96.222.3097.4
	4	96.222.4097.8	96.222.4097.4
	5	96.222.5097.8	96.222.5097.4
	6	96.222.6097.8	96.222.6097.4
	7	96.222.7097.8	96.222.7097.4
	8	96.222.8097.8	96.222.8097.4

2-pole connectors – one pole is not configured.

Cable assemblies
Cable 2 x 1.5 mm²; 16 A

Connection cables male – free end



2-pole connectors – one pole is not configured.

~50/-120V
pebble gray



~50/-120V
signal brown

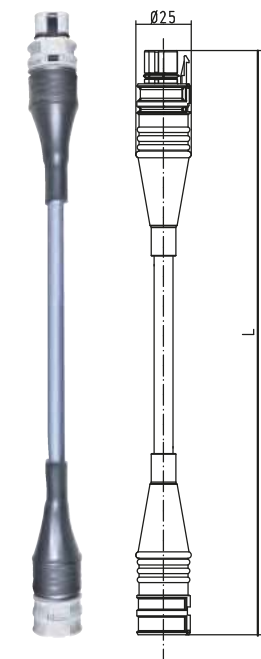


Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.222.1098.8	96.222.1098.4
	2	96.222.2098.8	96.222.2098.4
	3	96.222.3098.8	96.222.3098.4
	4	96.222.4098.8	96.222.4098.4
	5	96.222.5098.8	96.222.5098.4
	6	96.222.6098.8	96.222.6098.4
	7	96.222.7098.8	96.222.7098.4
	8	96.222.8098.8	96.222.8098.4

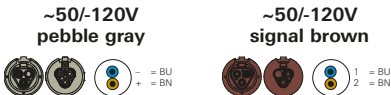
Cable assemblies
Cable 2 x 2.5 mm²; 20 A

Rated values			Pull relief		shrinkage tube
Wire ends	(open cable end)	ultrason. welded	Interlock		integrated
Sheath strip length	(open cable end)	35 mm	Color cable		gray
Wire strip length	(open cable end)	9 mm	Color shrinkage tube		black

Connection cables female – male

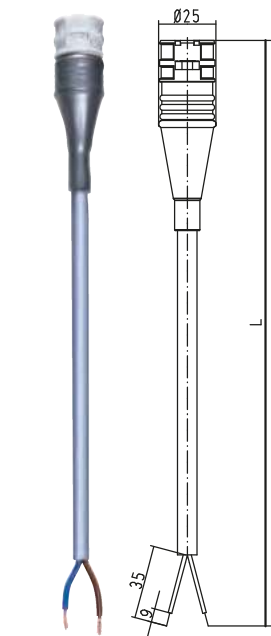


2-pole connectors – one pole is not configured.



Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.223.1092.8	96.223.1092.4
	2	96.223.2092.8	96.223.2092.4
	3	96.223.3092.8	96.223.3092.4
	4	96.223.4092.8	96.223.4092.4
	5	96.223.5092.8	96.223.5092.4
	6	96.223.6092.8	96.223.6092.4
	7	96.223.7092.8	96.223.7092.4
	8	96.223.8092.8	96.223.8092.4

Connection cables female – free end



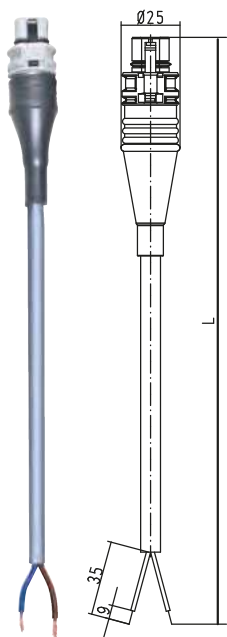
2-pole connectors – one pole is not configured.



Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.223.1097.8	96.223.1097.4
	2	96.223.2097.8	96.223.2097.4
	3	96.223.3097.8	96.223.3097.4
	4	96.223.4097.8	96.223.4097.4
	5	96.223.5097.8	96.223.5097.4
	6	96.223.6097.8	96.223.6097.4
	7	96.223.7097.8	96.223.7097.4
	8	96.223.8097.8	96.223.8097.4

Cable assemblies
Cable 2 x 2.5 mm²; 20 A

Connection cables male – free end



2-pole connectors – one pole is not configured.

~50/-120V
pebble gray

~50/-120V
signal brown

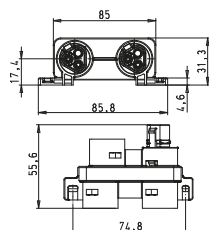
Cable	Length m	Part No.	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.223.1098.8	96.223.1098.4
	2	96.223.2098.8	96.223.2098.4
	3	96.223.3098.8	96.223.3098.4
	4	96.223.4098.8	96.223.4098.4
	5	96.223.5098.8	96.223.5098.4
	6	96.223.6098.8	96.223.6098.4
	7	96.223.7098.8	96.223.7098.4
	8	96.223.8098.8	96.223.8098.4

Distribution block

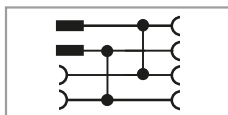
Distribution block 1I/3O (parallel connection), for protection class II, AS-i or LEDs

Interlock

Yes



Circuit diagram



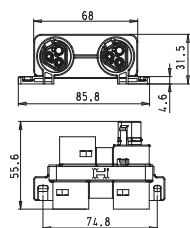
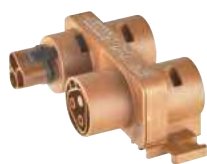
with fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
■ black	250V	L, N	1	3	96.020.0153.1
■ light grey	250V	L, N	1	3	96.020.0153.0
■ pebble gray	~50/-120V	+, -	1	3	96.020.0150.8
■ signal brown	~50/-120V	1, 2	1	3	96.020.0151.4

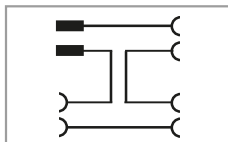
without fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
■ black	250V	L, N	1	3	96.020.0253.1
■ light grey	250V	L, N	1	3	96.020.0253.0
■ pebble gray	~50/-120V	+, -	1	3	96.020.0250.8
■ signal brown	~50/-120V	1, 2	1	3	96.020.0251.4

Distribution block 1 I/3 O (series connection) for power LEDs



Circuit diagram



with fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
■ signal brown	~50/-120V	1, 2	1	3	99.910.0000.7

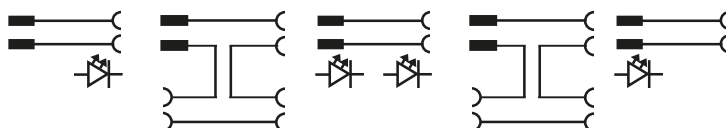


jumper plug

Color	Application	Pole marking	Part No.
■ signal brown	~50/-120V	1, 2	99.537.0000.7

For jumpering of unused slots on the series distribution unit

e.g. circuit diagrams



Distribution unit

RST compact distribution unit 11/20

Dimensions 104 x 162 x 57.2 mm

Fitted as required with
Pre-wired with
Mounting option

M25 device connectors 2-pole
2.5 mm² (halogen free)
Yes



Circuit diagram



Color	Input	Outputs	Part No.
■ black	1, RST20i2	2, RST20i2	99.942.0000.7

Compact distribution unit 11/30

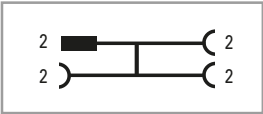
Dimensions 104 x 162 x 57.2 mm

Fitted as required with
Pre-wired with
Mounting option

M25 device connectors 2-pole
2.5 mm² (halogen free)
Yes



Circuit diagram



Color	Input	Outputs	Part No.
■ light gray	1, RST20i2	3, RST20i2	99.990.0000.7
■ black	1, RST20i2	3, RST20i2	upon request

Multi distribution unit 11/70

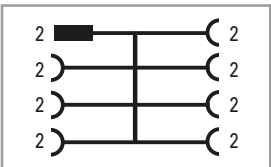
Dimensions 104 x 162 x 96 mm

Fitted as required with
Pre-wired with
Fuses

M25 device connectors 2-pole
2,5 mm² (halogen free)
6.3 or 10A can be integrated



Circuit diagram



Color	Input	Outputs	Part No.
■ signal brown	1, RST20i2	7, RST20i2	99.946.0000.7
■ black	1, RST20i2	7, RST20i2	99.988.0000.7


Connector for pole socket, straight
For cables Ø 6 - 10 mm and Illumination cable 13.3 x 5.3

Male connector

Unmounted with screwed cable gland.
Without locking slide Safety Clip.

Sheath stripping and insulation removal
lengths refer to Technical data.

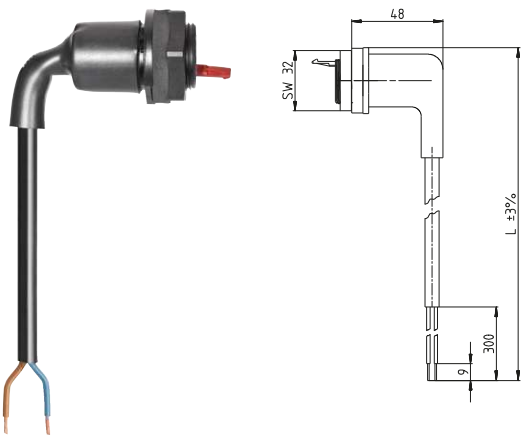


with screw connection ¹⁾		
Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	
stranded		
Application	Coding	Part No.
250V	 L, N	
	6 – 10	99.592.0000.7
	for illumination cable 13.3 x 5.3 H05RNH2-F2 x 1.5 ²	99.593.0000.7
	black	
	black	

Cable assembly for pole socket
Cable 2 x 1.5 mm²; 16 A

Rated values		Pull relief	shrinkage tube
Wire ends	ultrason. welded	Interlock	Integrated
Sheath strip length	30 mm	Color cable	black
Wire strip length	9 mm	Color shrinkage tube	black

Connection cables female - free end



250V
black



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	99.504.0000.7
	2	99.505.0000.7
	3	99.506.0000.7
	4	99.507.0000.7
	5	99.508.0000.7
	6	99.511.0000.7
	9	99.534.0000.7

2-pole connectors – one pole is not
configured.



Standard variant for network applications – polyphase systems, switching applications 250 V and low voltage

Application example








General

With the 3-pole connectors, there are four available variants: Three versions for applications up to 250/400V (e.g. general network applications, switching applications, applications for multiphase systems) and a version for extra-low voltages up to ~50/-120V. All connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. You therefore have the security of a clear separation of different applications without having to redo any incorrect connections.

The color of the connectors indicates the links that belong together.

Coding

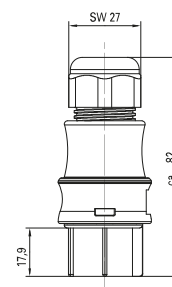
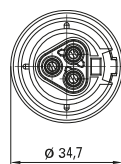
For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.					Application				
					Mechanical coding				
					250V	250/400V	250/400V	~50/-120V	
					I, N, ⊕	1, 2, ⊕	1, 2, 3	1, 2, ⊕	
									
Name	Description	Connection style	Strain relief housing	Connection points per pole	light gray	black	leaf green	light blue	signal brown
Connector	1 x cable entry	Screw Spring clamp Crimp	yes	1	✓	✓	✓	✓	✓
	2 x cable entry	Screw Spring clamp Crimp	yes	2	✓	✓	✓		
Distribution units	Distribution block 11/30				✓	✓	✓	✓	✓
	RST compact distribution unit / multi-distribution unit				on request	on request	on request	on request	on request
	Individual distribution box				on request	on request	on request	on request	on request
Device connectors	M16 device connector, modular, straight				✓	✓	✓	✓	✓
	M16 device connector, modular, angled 7°				✓	✓	✓	✓	✓
	M25 device connector, standard				✓	✓	✓	✓	✓
	M20 device connector, standard				✓	✓	✓	✓	✓
	M20 device connector, modular, straight				✓	✓	✓	✓	✓
	M25 device connector, modular, angled				✓	✓	✓	✓	✓
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓		✓
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓		✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓		✓
	Connection cable Schuko – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓			

Connectors, straight for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp conn.






Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0 ²⁾
stranded	

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
250/400V		6 – 10	light gray	96.031.0053.0	96.031.4053.0	96.131.0053.0
			black	96.031.0053.1	96.031.4053.1	96.131.0053.1
		10 – 14	light gray	96.031.0153.0	96.031.4153.0	96.131.0153.0
			black	96.031.0153.1	96.031.4153.1	96.131.0153.1
~50/-120V		6 – 10	leaf green	96.031.0055.7	96.031.4055.7	
		10 – 14		96.031.0155.7	96.031.4155.7	
		6 – 10	light blue	96.031.0053.9	96.031.4053.9	
		10 – 14		96.031.0153.9	96.031.4153.9	
~50/-120V		6 – 10	signal-brown	96.031.0051.4	96.031.4051.4	
		10 – 14		96.031.0151.4	96.031.4151.4	

Fine-stranded and stranded wires **only with** ferrules (see accessories)

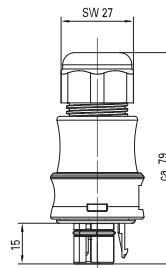
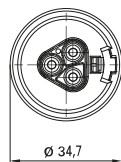
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Unmounted with cable gland and locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp conn.






Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0 ²⁾
stranded	

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
250/400V		6 – 10	light gray	96.032.0053.0	96.032.4053.0	96.132.0053.0
			black	96.032.0053.1	96.032.4053.1	96.132.0053.1
		10 – 14	light gray	96.032.0153.0	96.032.4153.0	96.132.0153.0
			black	96.032.0153.1	96.032.4153.1	96.132.0153.1
~50/-120V		6 – 10	leaf green	96.032.0055.7	96.032.4055.7	
		10 – 14		96.032.0155.7	96.032.4155.7	
		6 – 10	light blue	96.032.0053.9	96.032.4053.9	
		10 – 14		96.032.0153.9	96.032.4153.9	
~50/-120V		6 – 10	signal-brown	96.032.0051.4	96.032.4051.4	
		10 – 14		96.032.0151.4	96.032.4151.4	

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

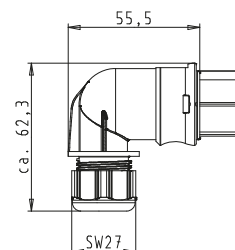
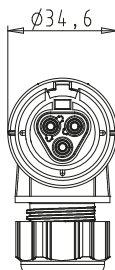
Contacts separately under Accessories.

Connectors, angled 90° for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp conn.






Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0 ²⁾
stranded	

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
250/400V		6 – 10	light gray	96.033.0053.0	96.033.4053.0	96.133.0053.0
		10 – 14	black	96.033.0053.1	96.033.4053.1	96.133.0053.1
		6 – 10	light gray	96.033.0153.0	96.033.4153.0	96.133.0153.0
		10 – 14	black	96.033.0153.1	96.033.4153.1	96.133.0153.1
~50/-120V		6 – 10	leaf green	96.033.0055.7	96.033.4055.7	
		10 – 14	leaf green	96.033.0155.7	96.033.4155.7	
		6 – 10	light blue	96.033.0053.9	96.033.4053.9	
		10 – 14	light blue	96.033.0153.9	96.033.4153.9	
~50/-120V		6 – 10	signal-brown	96.033.0051.4	96.033.4051.4	
		10 – 14	signal-brown	96.033.0151.4	96.033.4151.4	

Fine-stranded and stranded wires **only with** ferrules (see accessories)

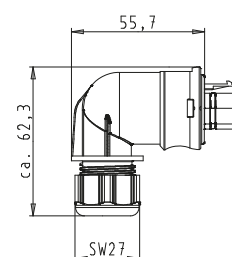
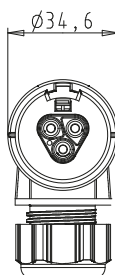
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Unmounted with cable gland and locking device. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp conn.






Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0 ²⁾
stranded	

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
250/400V		6 – 10	light gray	96.034.0053.0	96.034.4053.0	96.134.0053.0
		10 – 14	black	96.034.0053.1	96.034.4053.1	96.134.0053.1
		6 – 10	light gray	96.034.0153.0	96.034.4153.0	96.134.0153.0
		10 – 14	black	96.034.0153.1	96.034.4153.1	96.134.0153.1
~50/-120V		6 – 10	leaf green	96.034.0055.7	96.034.4055.7	
		10 – 14	leaf green	96.034.0155.7	96.034.4155.7	
		6 – 10	light blue	96.034.0053.9	96.034.4053.9	
		10 – 14	light blue	96.034.0153.9	96.034.4153.9	
~50/-120V		6 – 10	signal-brown	96.034.0051.4	96.034.4051.4	
		10 – 14	signal-brown	96.034.0151.4	96.034.4151.4	

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

¹⁾ With wire protection available on request

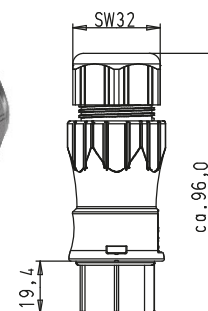
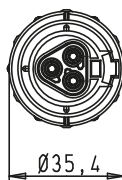
²⁾ With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connectors, straight for cables Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

See Technical Data for sheath and insulation strip lengths.



with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	without ferrules
stranded		without ferrules

with crimp connection

Wire	mm ²	
fine-stranded	0.75 – 4.0	

Application	Coding	Cable diameter in mm	Color
250/400V	L, N,	13 – 18	light gray black
	1, 2,	13 – 18	leaf green
	2, 1, 3	13 – 18	light blue

Part No.
96.031.4553.0
96.031.4553.1
96.031.4555.7
96.031.4553.9

Part No.
96.131.4553.0
96.131.4553.1

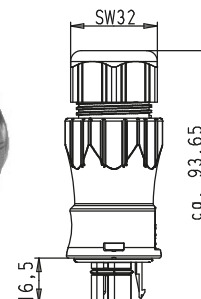
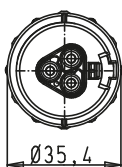
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Unmounted with cable gland and locking device.

See Technical Data for sheath and insulation strip lengths.



with screw connection¹⁾

Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	without ferrules
stranded		without ferrules

with crimp connection

Wire	mm ²	
fine-stranded	0.75 – 4.0	

Application	Coding	Cable diameter in mm	Color
250/400V	N, L,	13 – 18	light gray black
	2, 1,	13 – 18	leaf green
	2, 1, 3	13 – 18	light blue

Part No.
96.032.4553.0
96.032.4553.1
96.032.4555.7
96.032.4553.9

Part No.
96.132.4553.0
96.132.4553.1

Fine-stranded and stranded wires **without** ferrules

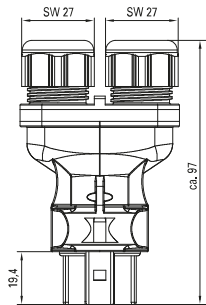
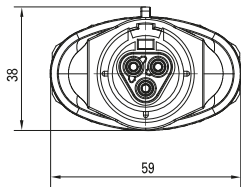
Contacts separately under Accessories.

Splitter connector, straight
for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.






with spring clamp connection

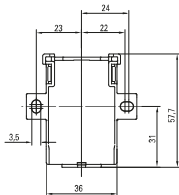
Leitungen	mm ²	
rigid	0.5 – 2.5	
fine-stranded	0.5 – 1.5	with ferrules
stranded	0.75 – 1.5	with ferrules

with screw connection¹⁾

Leitungen	mm ²	
rigid		
fine-stranded	0.75 – 2.5	
stranded		

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250/400V		6 – 10	light gray	96.031.0253.0	96.031.4253.0
			black	96.031.0253.1	96.031.4253.1
	10 – 14	light gray	96.031.0353.0	96.031.4353.0	
		black	96.031.0353.1	96.031.4353.1	
		6 – 10	leaf green	96.031.0255.7	96.031.4255.7
		10 – 14	leaf green	96.031.0355.7	96.031.4355.7
	10 – 14	light blue	96.031.0353.9		
Fine-stranded and stranded wires only with ferrules (see accessories)				Fine-stranded and stranded wires without ferrules	

Mounting plate for splitter connectors



Color	Part No.
gray	01.006.1553.0
black	01.006.1553.1

¹⁾ With wire protection available on request

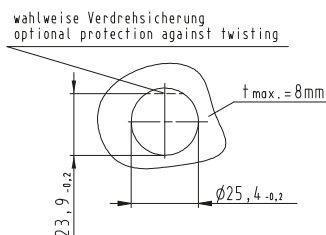
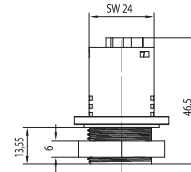
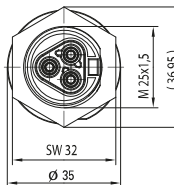
M25 device connector straight, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

For the spacer rings for unlocking the device connectors, see Accessories.



with spring clamp conn.

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M25 x 1.5
Gland	outside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.031.1053.0
96.031.1053.1
96.031.1055.7
96.031.1053.9
96.031.1051.4

Part No.
96.031.5053.0
96.031.5053.1
96.031.5055.7
96.031.5053.9
96.031.5051.4

Part No.
96.131.1053.0
96.131.1053.1
96.131.1055.7

Fine-stranded and stranded wires **only with** ferrules (see accessories)

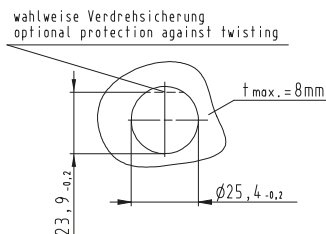
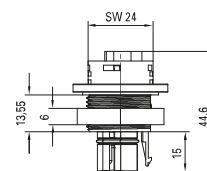
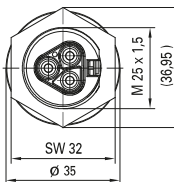
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside. With locking device.

See the Technical Data for insulation strip lengths.



with spring clamp conn.

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M25 x 1.5
Gland	outside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.032.1053.0
96.032.1053.1
96.032.1055.7
96.032.1053.9
96.032.1051.4

Part No.
96.032.5053.0
96.032.5053.1
96.032.5055.7
96.032.5053.9
96.032.5051.4

Part No.
96.132.1053.0
96.132.1053.1
96.132.1055.7

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

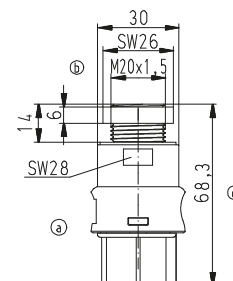
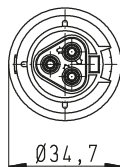
Contacts separately under Accessories.

M20 device connector straight, modular

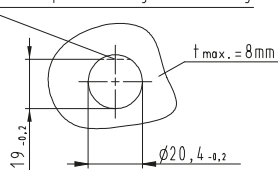
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M20 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.031.2053.0
96.031.2053.1
96.031.2055.7
96.031.2053.9
96.031.2051.4

Part No.
96.031.6053.0
96.031.6053.1
96.031.6055.7
96.031.6053.9
96.031.6051.4

Part No.
96.131.2053.0
96.131.2053.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

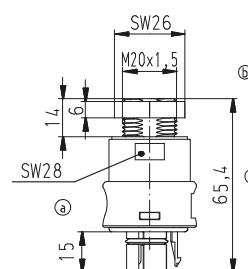
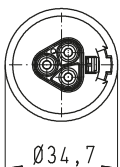
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

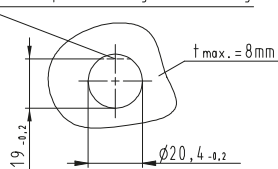
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M20 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.032.2053.0
96.032.2053.1
96.032.2055.7
96.032.2053.9
96.032.2051.4

Part No.
96.032.6053.0
96.032.6053.1
96.032.6055.7
96.032.6053.9
96.032.6051.4

Part No.
96.132.2053.0
96.132.2053.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

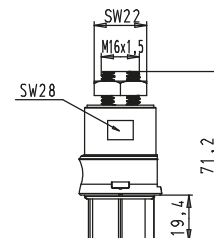
M16 device connector

straight, modular

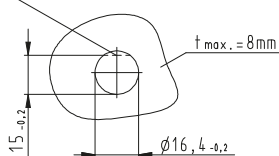
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M16 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.031.2153.0
96.031.2153.1
96.031.2155.7
96.031.2153.9
96.031.2151.4

Part No.
96.031.6153.0
96.031.6153.1
96.031.6155.7
96.031.6153.9
96.031.6151.4

Part No.
96.131.2153.0
96.131.2153.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

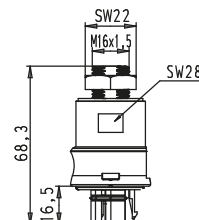
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

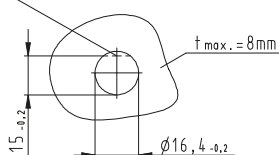
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M16 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.032.2153.0
96.032.2153.1
96.032.2155.7
96.032.2153.9
96.032.2151.4

Part No.
96.032.6153.0
96.032.6153.1
96.032.6155.7
96.032.6153.9
96.032.6151.4

Part No.
96.132.2153.0
96.132.2153.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

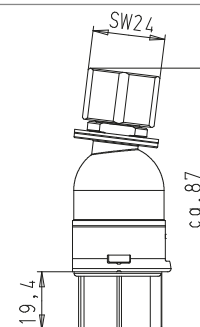
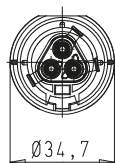
Contacts separately under Accessories.

M16 device connector angled 7°, modular

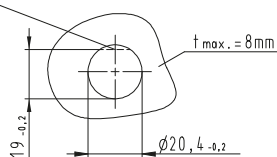
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M16 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.035.2153.0
96.035.2153.1
96.035.2155.7
96.035.2153.9
96.035.2151.4

Part No.
96.035.6153.0
96.035.6153.1
96.035.6155.7
96.035.6153.9
96.035.6151.4

Part No.
96.135.2153.0
96.135.2153.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

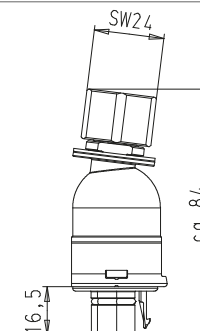
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

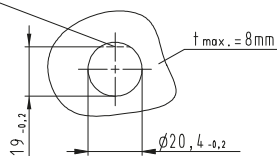
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device. Angled 7°, thread M16.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M16 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.036.2153.0
96.036.2153.1
96.036.2155.7
96.036.2153.9
96.036.2151.4

Part No.
96.036.6153.0
96.036.6153.1
96.036.6155.7
96.036.6153.9
96.036.6151.4

Part No.
96.136.2153.0
96.136.2153.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

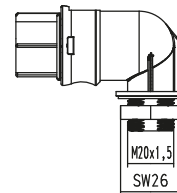
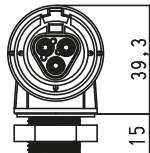
Contacts separately under Accessories.

M20 device connector angled 90°, modular

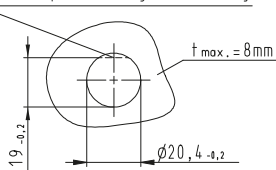
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M20 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.033.2053.0
96.033.2053.1
96.033.2055.7
96.033.2053.9
96.033.2051.4

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Part No.
96.033.6053.0
96.033.6053.1
96.033.6055.7
96.033.6053.9
96.033.6051.4

Fine-stranded and stranded wires **without** ferrules

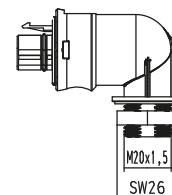
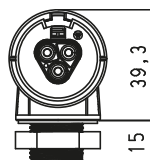
Part No.
96.133.2053.0
96.133.2053.1

Contacts separately under Accessories.

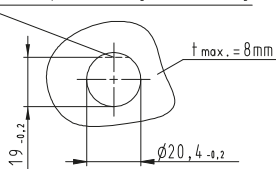
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M20 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.034.2053.0
96.034.2053.1
96.034.2055.7
96.034.2053.9
96.034.2051.4

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Part No.
96.034.6053.0
96.034.6053.1
96.034.6055.7
96.034.6053.9
96.034.6051.4

Fine-stranded and stranded wires **without** ferrules

Part No.
96.134.2053.0
96.134.2053.1

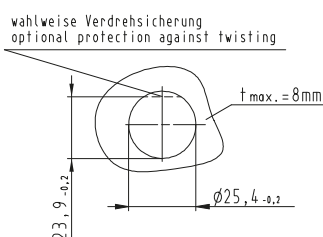
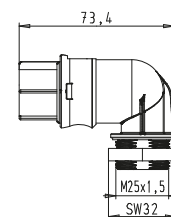
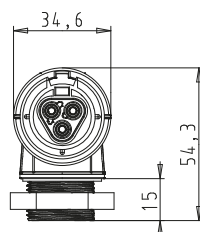
Contacts separately under Accessories.

M25 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M25 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color
250/400V	L, N, ⊕	light gray black
	1, 2, ⊕	leaf green
	1, 2, 3	light blue
~50/-120V	1, 2, ⊕	signal brown

Part No.
96.033.2253.0
96.033.2253.1
96.033.2255.7
96.033.2253.9
96.033.2251.4

Part No.
96.033.6253.0
96.033.6253.1
96.033.6255.7
96.033.6253.9
96.033.6251.4

Part No.
96.133.2253.0
96.133.2253.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

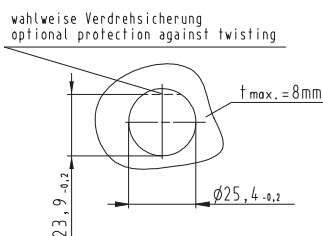
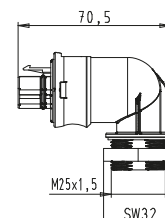
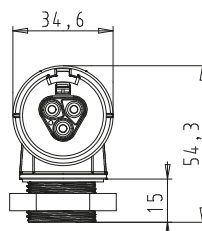
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths.



with spring clamp connection

Wire	mm ²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5
Term. poles	2
Thread	M25 x 1.5
Gland	inside

with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color
250/400V	N, L, ⊕	light gray black
	2, 1, ⊕	leaf green
	2, 1, 3	light blue
~50/-120V	2, 1, ⊕	signal brown

Part No.
96.034.2253.0
96.034.2253.1
96.034.2255.7
96.034.2253.9
96.034.2251.4

Part No.
96.034.6253.0
96.034.6253.1
96.034.6255.7
96.034.6253.9
96.034.6251.4

Part No.
96.134.2253.0
96.134.2253.1

Fine-stranded and stranded wires **only with** ferrules (see accessories)

Fine-stranded and stranded wires **without** ferrules

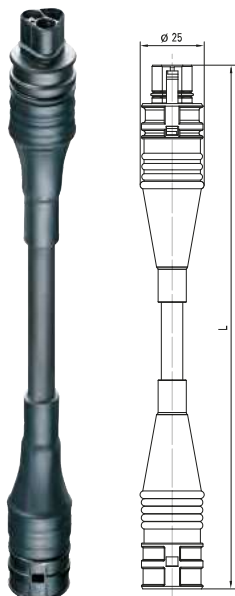
Contacts separately under Accessories.




Cable assemblies

Cable 3 x 1.5 mm²; 16 A

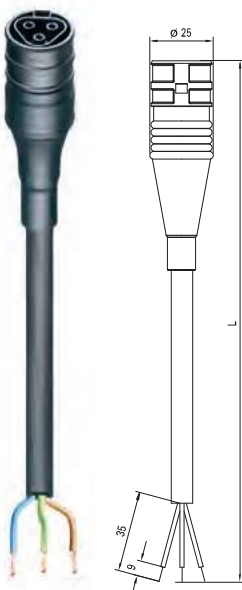
Rated values			Pull relief	shrinkage tube
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color shrinkage tube	black




Connection cables female – male



		250V black		250/400V leaf green		250/400V light blue	
							
Cable	Length m	Part No.		Part No.		Part No.	
PVC cable H05VV-F containing halogen	1	96.232.1000.1		96.232.1001.7			
	2	96.232.2000.1		96.232.2001.7			
	3	96.232.3000.1		96.232.3001.7			
	4	96.232.4000.1		96.232.4001.7			
	5	96.232.5000.1		96.232.5001.7			
	6	96.232.6000.1		96.232.6001.7			
	7	96.232.7000.1		96.232.7001.7			
	8	96.232.8000.1		96.232.8001.7			
Cable	Length m	Part No.		Part No.		Part No.	
Rubber-sheathed cable H07RN-F containing halogen	1	96.232.1030.1		96.232.1031.7		96.232.1010.9	
	2	96.232.2030.1		96.232.2031.7		96.232.2010.9	
	3	96.232.3030.1		96.232.3031.7		96.232.3010.9	
	4	96.232.4030.1		96.232.4031.7		96.232.4010.9	
	5	96.232.5030.1		96.232.5031.7		96.232.5010.9	
	6	96.232.6030.1		96.232.6031.7		96.232.6010.9	
	7	96.232.7030.1		96.232.7031.7		96.232.7010.9	
	8	96.232.8030.1		96.232.8031.7		96.232.8010.9	
Cable	Length m	Part No.					
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.232.1050.1					
	2	96.232.2050.1					
	3	96.232.3050.1					
	4	96.232.4050.1					
	5	96.232.5050.1					
	6	96.232.6050.1					
	7	96.232.7050.1					
	8	96.232.8050.1					

Connection cables female – free end

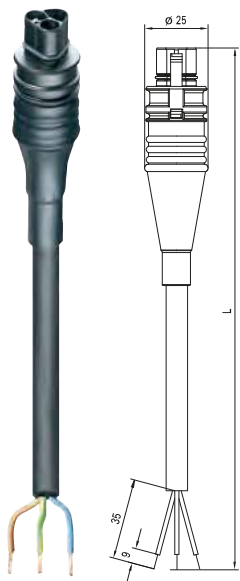


		250 V black		250/400V leaf green		250/400V light blue	
							
Cable	Length m	Part No.		Part No.		Part No.	
PVC cable H05VV-F containing halogen	1	96.232.1003.1		96.232.1005.7			
	2	96.232.2003.1		96.232.2005.7			
	3	96.232.3003.1		96.232.3005.7			
	4	96.232.4003.1		96.232.4005.7			
	5	96.232.5003.1		96.232.5005.7			
	6	96.232.6003.1		96.232.6005.7			
	7	96.232.7003.1		96.232.7005.7			
	8	96.232.8003.1		96.232.8005.7			
Cable	Length m	Part No.		Part No.		Part No.	
Rubber-sheathed cable H07RN-F containing halogen	1	96.232.1033.1		96.232.1035.7		on request	
	2	96.232.2033.1		96.232.2035.7			
	3	96.232.3033.1		96.232.3035.7			
	4	96.232.4033.1		96.232.4035.7			
	5	96.232.5033.1		96.232.5035.7			
	6	96.232.6033.1		96.232.6035.7			
	7	96.232.7033.1		96.232.7035.7			
	8	96.232.8033.1		96.232.8035.7			
Cable	Length m	Part No.					
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.232.1053.1					
	2	96.232.2053.1					
	3	96.232.3053.1					
	4	96.232.4053.1					
	5	96.232.5053.1					
	6	96.232.6053.1					
	7	96.232.7053.1					
	8	96.232.8053.1					

Cable assemblies

Cable 3 x 1.5 mm²; 16 A

Connection cables male – free end



250V black



250/400V leaf green



250/400V light blue



Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.232.1004.1	96.232.1006.7
	2	96.232.2004.1	96.232.2006.7
	3	96.232.3004.1	96.232.3006.7
	4	96.232.4004.1	96.232.4006.7
	5	96.232.5004.1	96.232.5006.7
	6	96.232.6004.1	96.232.6006.7
	7	96.232.7004.1	96.232.7006.7
	8	96.232.8004.1	96.232.8006.7

Cable	Length m	Part No.	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.232.1034.1	96.232.1036.7	on request
	2	96.232.2034.1	96.232.2036.7	
	3	96.232.3034.1	96.232.3036.7	
	4	96.232.4034.1	96.232.4036.7	
	5	96.232.5034.1	96.232.5036.7	
	6	96.232.6034.1	96.232.6036.7	
	7	96.232.7034.1	96.232.7036.7	
	8	96.232.8034.1	96.232.8036.7	

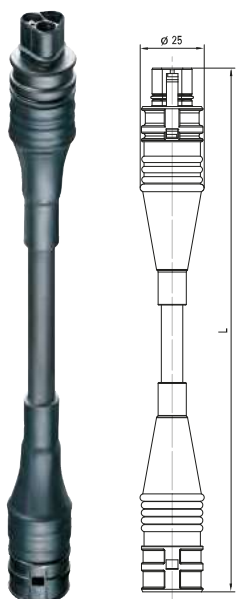
Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.232.1054.1
	2	96.232.2054.1
	3	96.232.3054.1
	4	96.232.4054.1
	5	96.232.5054.1
	6	96.232.6054.1
	7	96.232.7054.1
	8	96.232.8054.1









Cable assemblies

Cable 3 x 2.5 mm²; 20 A

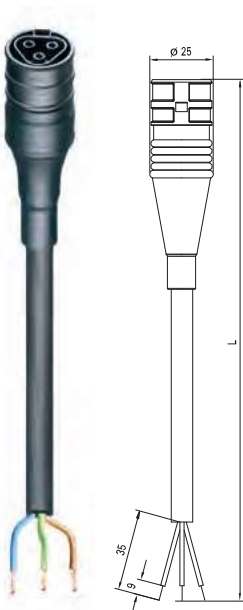
Rated values			Pull relief	shrinkage tube
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color shrinkage tube	black









Connection cables female – male



		250V black	250/400V leaf green
		   	   
Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.233.1000.1	96.233.1001.7
	2	96.233.2000.1	96.233.2001.7
	3	96.233.3000.1	96.233.3001.7
	4	96.233.4000.1	96.233.4001.7
	5	96.233.5000.1	96.233.5001.7
	6	96.233.6000.1	96.233.6001.7
	7	96.233.7000.1	96.233.7001.7
	8	96.233.8000.1	96.233.8001.7
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.233.1030.1	96.233.1031.7
	2	96.233.2030.1	96.233.2031.7
	3	96.233.3030.1	96.233.3031.7
	4	96.233.4030.1	96.233.4031.7
	5	96.233.5030.1	96.233.5031.7
	6	96.233.6030.1	96.233.6031.7
	7	96.233.7030.1	96.233.7031.7
	8	96.233.8030.1	96.233.8031.7
Cable	Length m	Part No.	
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.233.1050.1	
	2	96.233.2050.1	
	3	96.233.3050.1	
	4	96.233.4050.1	
	5	96.233.5050.1	
	6	96.233.6050.1	
	7	96.233.7050.1	
	8	96.233.8050.1	

Connection cables female – free end



		250V black	250/400V leaf green
		   	   
Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.233.1003.1	96.233.1005.7
	2	96.233.2003.1	96.233.2005.7
	3	96.233.3003.1	96.233.3005.7
	4	96.233.4003.1	96.233.4005.7
	5	96.233.5003.1	96.233.5005.7
	6	96.233.6003.1	96.233.6005.7
	7	96.233.7003.1	96.233.7005.7
	8	96.233.8003.1	96.233.8005.7
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.233.1033.1	96.233.1035.7
	2	96.233.2033.1	96.233.2035.7
	3	96.233.3033.1	96.233.3035.7
	4	96.233.4033.1	96.233.4035.7
	5	96.233.5033.1	96.233.5035.7
	6	96.233.6033.1	96.233.6035.7
	7	96.233.7033.1	96.233.7035.7
	8	96.233.8033.1	96.233.8035.7
Cable	Length m	Part No.	
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.233.1053.1	
	2	96.233.2053.1	
	3	96.233.3053.1	
	4	96.233.4053.1	
	5	96.233.5053.1	
	6	96.233.6053.1	
	7	96.233.7053.1	
	8	96.233.8053.1	

Cable assemblies

Cable 3 x 2.5 mm²; 20 A

Connection cables male – free end



Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.233.1004.1	96.233.1006.7
	2	96.233.2004.1	96.233.2006.7
	3	96.233.3004.1	96.233.3006.7
	4	96.233.4004.1	96.233.4006.7
	5	96.233.5004.1	96.233.5006.7
	6	96.233.6004.1	96.233.6006.7
	7	96.233.7004.1	96.233.7006.7
	8	96.233.8004.1	96.233.8006.7
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.233.1034.1	96.233.1036.7
	2	96.233.2034.1	96.233.2036.7
	3	96.233.3034.1	96.233.3036.7
	4	96.233.4034.1	96.233.4036.7
	5	96.233.5034.1	96.233.5036.7
	6	96.233.6034.1	96.233.6036.7
	7	96.233.7034.1	96.233.7036.7
	8	96.233.8034.1	96.233.8036.7
Cable	Length m	Part No.	
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.233.1054.1	
	2	96.233.2054.1	
	3	96.233.3054.1	
	4	96.233.4054.1	
	5	96.233.5054.1	
	6	96.233.6054.1	
	7	96.233.7054.1	
	8	96.233.8054.1	

Cable assemblies
Cable 3 x 1.5 mm²; 20 A

Rated values			Pull relief	shrinkage tube
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color shrinkage tube	black

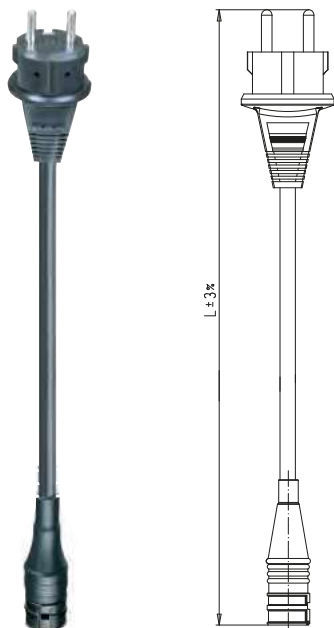
Power Connection cable
RST 20i3 male – Schuko coupling



250V
black

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	0.5	99.719.0000.7
	1	
	2	Other lengths
	3	on request
	4	
	5	

Power Connection cable
Male: Schuko plug – female: **RST®**



250V
gray

Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.5	99.714.0000.7
	2.5	99.715.0000.7

250V
black

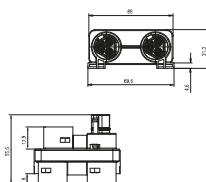
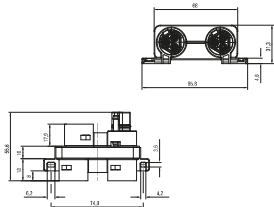
Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.5	99.712.0000.7
	2.5	99.713.0000.7
	4	99.716.0000.7
	5	99.718.0000.7
	8	99.717.0000.7

Distribution units

Distribution block 1I/30

Interlock

Yes



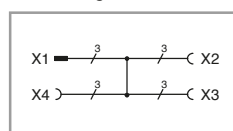
with fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
■ black	250V	L, N, PE	1	3	96.030.0153.1
■ light grey	250V	L, N, PE	1	3	96.030.0153.0
■ leaf green	250/400V	1, 2, PE	1	3	96.030.0155.7
■ signal brown	~50/-120V	1, 2, PE	1	3	96.030.0151.4

without fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
■ black	250V	L, N, PE	1	3	96.030.0253.1
■ light grey	250V	L, N, PE	1	3	96.030.0253.0
■ leaf green	250/400V	1, 2, PE	1	3	96.030.0255.7
■ signal brown	~50/-120V	1, 2, PE	1	3	96.030.0251.4

Circuit diagram



RST compact distribution unit 1I/30

Dimensions

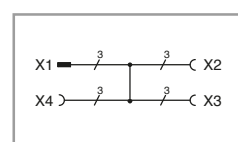
104 x 162 x 57.2 mm

fitted as required with
pre-wired with
Mounting option

M25 device connectors 3-pole
2.5 mm² (halogen free)
Yes



Circuit diagram



Color	Application	Pole marking	Input	Outputs	Part No.
■ black			1, RST20i3	3, RST20i3	99.906.0000.7

RST multi-distribution unit 1I/70

Dimensions

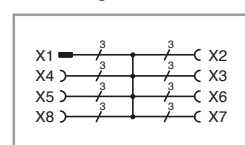
104 x 162 x 96 mm

fitted as required with
pre-wired with
Fuse

M25 device connectors 3-pole
2.5 mm² (halogen free)
6.3 or 10A can be integrated



Circuit diagram



Color	Application	Pole marking	Input	Outputs	Part No.
■ black			1, RST20i3	7, RST20i3	99.929.0000.7


Connector for pole socket, straight
For cables Ø 6 - 10 mm

Male connector

Unmounted with screwed cable gland.
Without locking slide Safety Clip.

Sheath stripping and insulation removal
lengths refer to Technical data.

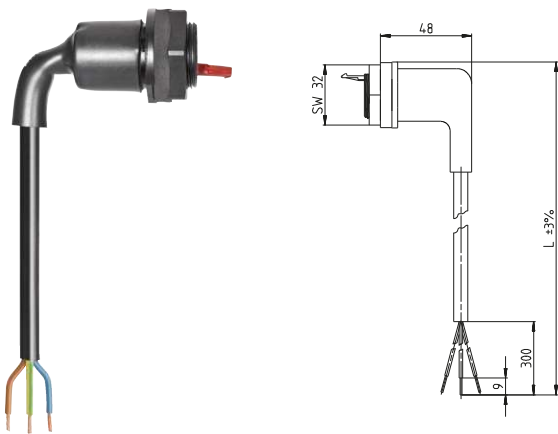





with screw connection ¹⁾		
Wire	mm ²	
rigid		
fine-stranded	0.75 – 6.0 ²⁾	
stranded		
Application	Coding	Ø cable mm
250V	 L, N, Ⓧ	6 – 10
		Color
		black
		Part No.
		99.594.0000.7

Cable assembly for pole socket
Cable 3 x 1.5 mm²; 16 A

Rated values		Pull relief	shrinkage tube
Wire ends	ultrason. welded	Interlock	Integrated
Sheath strip length	30 mm	Color cable	black
Wire strip length	9 mm	Color shrinkage tube	black

Connection cables female - free end



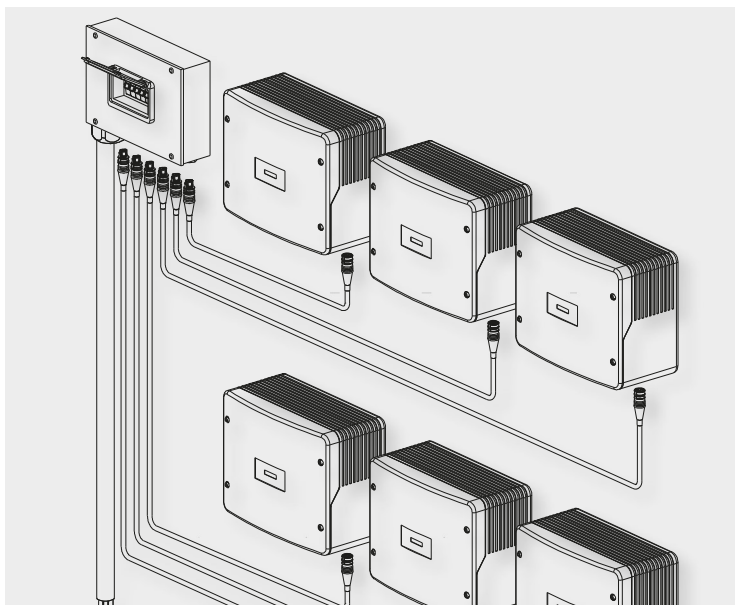
		250V black
		  
Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	99.513.0000.7
	2	99.514.0000.7
	3	99.515.0000.7
	4	99.516.0000.7
	5	99.517.0000.7
	6	99.518.0000.7
	8	99.535.0000.7
	9	99.533.0000.7





Solar applications for systems up to 32 A for single-phase power 3-pole

Application example



General

The system is specially adapted to the requirements of solar technology. The connectors can be loaded with a maximum of 32 A on two contacts (L, N) and are used for single-phase power with ENS.

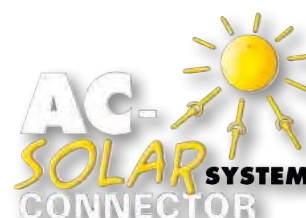
Special distribution boxes are used to bundle the electrical power of up to 6 inverters and thus complete the system.

These connectors have their own mechanical coding.

This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.

Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 32A (with 6.0 mm²)
- Cross-sections up to 6 mm²
- Degree of protection IP66/68 (3m; 2h) /69

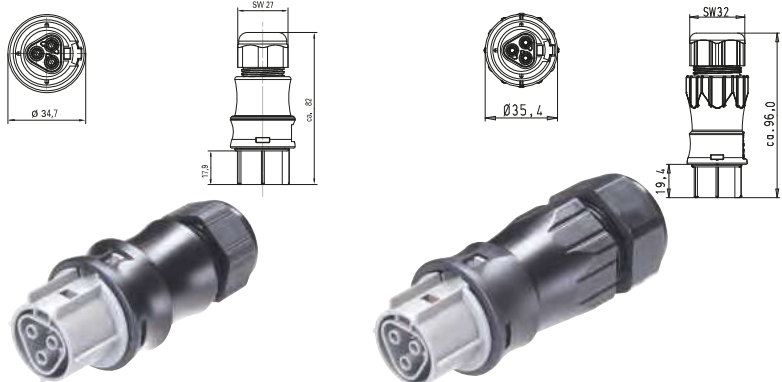


Coding

For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.				Application	250V
				Mechanical coding	L, N, ⊕
Name	Description	Connection style	Strain relief housing	Connection points per pole	concrete gray
Connector	1 x cable entry	Screw	yes	1	✓
Distribution unit	Distribution box RST RAN Solar				✓
	Distribution box RST Solar				✓
Device connectors	M25 device connector, standard				✓
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓

Connectors, 25A, straight
for cables Ø 10 – 14 mm and 13 – 18 mm
(up to 32A with 6.0 mm²)

Female connector




with screw connection
for cables Ø 10 – 14 mm

Wire	mm²	
solid	up to 6.0 ¹⁾	without ferrules
fine-stranded		

with screw connection
for cables Ø 13 – 18 mm

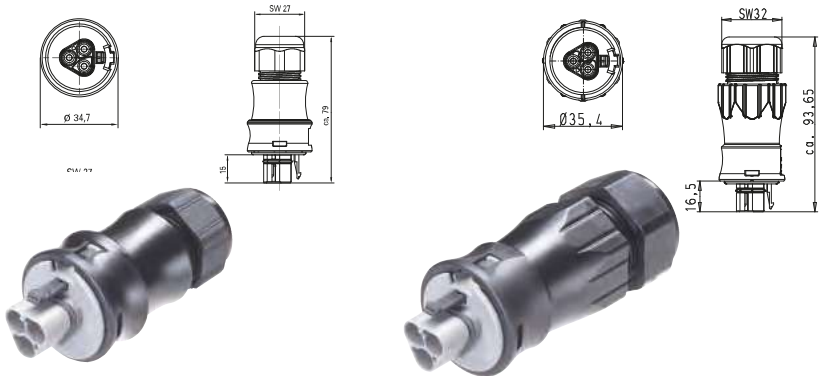
Wire	mm²	
solid	up to 6.0 ¹⁾	without ferrules
fine-stranded		

Application	Coding	Color
250V	 L, N, ⊕	concrete gray

Part No.
96.031.4154.3

Part No.
96.031.4554.3

Male connector




with screw connection
for cables Ø 10 – 14 mm

Wire	mm²	
solid	up to 6.0 ¹⁾	without ferrules
fine-stranded		
Locking device	yes	

with screw connection
for cables Ø 13 – 18 mm

Wire	mm²	
solid	up to 6.0 ¹⁾	without ferrules
fine-stranded		
Locking device	yes	

Application	Coding	Color
250V	 L, N, ⊕	concrete gray

Part No.
96.032.4154.3

Part No.
96.032.4554.3

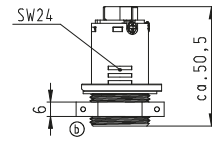
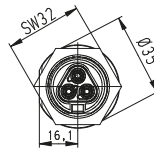
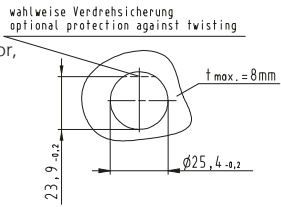
¹⁾ With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

M25 device connector, 25 A straight (up to 32A with 6.0 mm²)

Female connector

With sealing option

For spacer rings for unlocking the device connector, see Accessories.

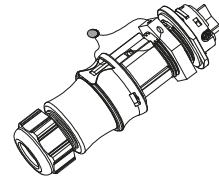


with screw connection

Wire	mm ²	
solid	up to 6.0	
fine-stranded		without ferrules
Locking device	yes	

Application	Coding	Color
250V	 L, N, ⊕	concrete gray

Part No.
96.031.5054.3



Male connector

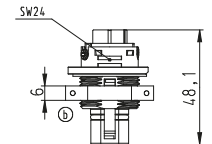
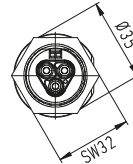
With sealing option

wahlweise Verdrehsicherung
optional protection against twisting

$t_{\max.} = 8 \text{ mm}$

$\phi 25,4_{-0.2}$

$23,9_{-0.2}$

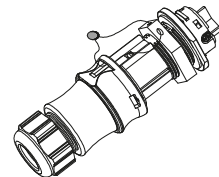


with screw connection

Wire	mm ²	
solid	up to 6.0	
fine-stranded		without ferrules
Locking device	yes	

Application	Coding	Color
250V	 L, N, \oplus	concrete gray

Part No.
96.032.5054.3

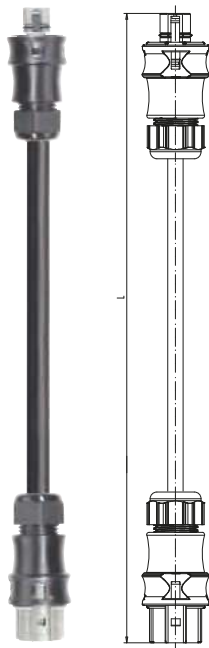


Cable assemblies

Cable 3 x 4.0 mm²; 25 A

Rated values			Connection type of cable		Gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock		integrated
Sheath strip length	(open cable end)	35 mm	Color cable		black
Wire strip length	(open cable end)	9 mm	Color handle shell		black

Connection cables female – male



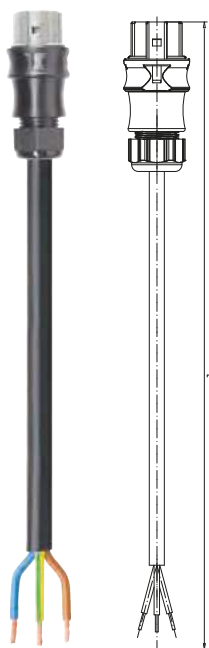
250V
concrete gray



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.834.1000.3
	1.5	96.834.1500.3
	2.0	96.834.2000.3
	2.5	96.834.2500.3
	3.0	96.834.3000.3
	3.5	96.834.3500.3
	4.0	96.834.4000.3

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.834.1030.3
	1.5	96.834.1530.3
	2.0	96.834.2030.3
	2.5	96.834.2530.3
	3.0	96.834.3030.3
	3.5	96.834.3530.3
	4.0	96.834.4030.3

Connection cables female – free end



250V
concrete gray



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.834.1003.3
	1.5	96.834.1503.3
	2.0	96.834.2003.3
	2.5	96.834.2503.3
	3.0	96.834.3003.3
	3.5	96.834.3503.3
	4.0	96.834.4003.3

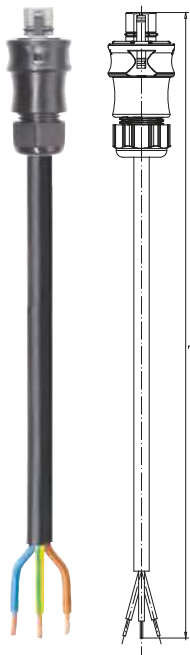
Cable diameter 11.2 mm ± 0.2
According to VDE 0281/T5 and VDE 0288/T4

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.834.1033.3
	1.5	96.834.1533.3
	2.0	96.834.2033.3
	2.5	96.834.2533.3
	3.0	96.834.3033.3
	3.5	96.834.3533.3
	4.0	96.834.4033.3

Cable diameter 13.4 mm ± 0.3
According to VDE 0281/T5 and VDE 0288/T4

Cable assemblies
Cable 3 x 4.0 mm²; 25 A

Connection cables male – free end



250V
concrete gray



⊕ = GN/PE
N = BU
L = BN

Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.834.1004.3
	1.5	96.834.1504.3
	2.0	96.834.2004.3
	2.5	96.834.2504.3
	3.0	96.834.3004.3
	3.5	96.834.3504.3
	4.0	96.834.4004.3

Cable diameter 11.2 mm ± 0.2
According to VDE 0281/T5 and VDE 0288/T4

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.834.1034.3
	1.5	96.834.1534.3
	2.0	96.834.2034.3
	2.5	96.834.2534.3
	3.0	96.834.3034.3
	3.5	96.834.3534.3
	4.0	96.834.4034.3

Cable diameter 13.4 mm ± 0.3
According to VDE 0281/T5 and VDE 0288/T4



2 versions for connecting electrical drives or for routing AS-i and extra-low voltages up to ~50/-120V

Application example





General

The four pole connector is based on the 5-pole variation with one pole not configured.

There are two mechanical codings. The black or light grey coding for applications up to 250/400V (e.g. connection of electrical drives) and the brown coding for extra-low voltages, for example for joint routing of the AS Interface and the 24V auxiliary voltage.

They are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.

Coding

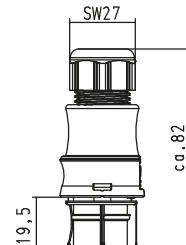
For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.					Application		250/400V	~50/-120V
					Mechanical coding		1, 2, 3, ⊕	1, 2, 3, 4
								
Name	Description	Connection style	Strain relief housing	Connection points per pole	light gray	black	signal brown	
Connector	1 x cable entry	Screw Crimp	yes	1	✓	✓	✓	
	2 x cable entry	Screw	yes	1	✓	✓	✓	
Distribution units	RST compact distribution unit/ multi-distribution unit				on request	on request	on request	
	Individual distribution box				on request	on request	on request	
Device connectors	M16 device connector, modular, straight				✓	✓	✓	
	M16 device connector, modular, angled 7°				✓	✓	✓	
	M25 device connector, standard				✓	✓	✓	
	M20 device connector, standard				✓	✓	✓	
	M20 device connector, modular, straight				✓	✓	✓	
	M25 device connector, modular, angled				✓	✓	✓	
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	
	Extension cable	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	
	Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	

Connectors, straight for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.





with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color
250/400V	 1, 2, 3, 4	6 – 10	light gray black
		10 – 14	light gray black
~50/-120V	 1, 2, 3, 4	6 – 10 1 x AS-i profile cable	signal brown

Part No.
96.041.4053.0
96.041.4053.1
96.041.4153.0
96.041.4153.1
96.041.4051.4
96.041.4951.4

Part No.
96.141.0053.0
96.141.0053.1
96.141.0153.0
96.141.0153.1

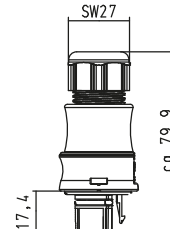
Contacts separately under Accessories, see following pages.

Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.





with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color
250/400V	 1, 2, 3, 4	6 – 10	light gray black
		10 – 14	light gray black
~50/-120V	 1, 2, 3, 4	6 – 10 1 x AS-i profile cable	signal brown

Part No.
96.042.4053.0
96.042.4053.1
96.042.4153.0
96.042.4153.1
96.042.4051.4
96.042.4951.4

Part No.
96.142.0053.0
96.142.0053.1
96.142.0153.0
96.142.0153.1

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

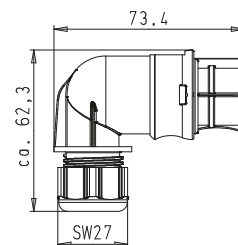
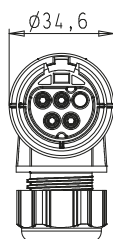
Connectors, angled 90° for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

Crimp contacts separately available under
Accessories.

See Technical Data for sheath and insulation strip
lengths.



with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application Coding Cable diameter in mm Color

250/400V		1, 2, 3, ⊕	6 – 10	light gray black
			10 – 14	light gray black
~50/-120V		1, 2, 3, 4	6 – 10	signal brown
			1 x AS-i profile cable 2 x AS-i profile cable	

Part No.

96.043.4053.0
96.043.4053.1
96.043.4153.0
96.043.4153.1
96.043.4051.4
96.043.4951.4
96.043.4851.4

Part No.

96.143.0053.0
96.143.0053.1
96.143.0153.0
96.143.0153.1

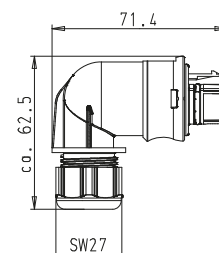
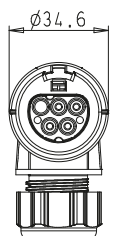
Contacts separately under Accessories, see following
pages.

Male connector

Unmounted with cable gland and locking device.
90° angle.

Crimp contacts separately available under
Accessories.

See Technical Data for sheath and insulation strip
lengths.



with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application Coding Cable diameter in mm Color

250/400V		1, 2, 3, ⊕	6 – 10	light gray black
			10 – 14	light gray black
~50/-120V		1, 2, 3, 4	6 – 10	signal brown
			1 x AS-i profile cable 2 x AS-i profile cable	

Part No.

96.044.4053.0
96.044.4053.1
96.044.4153.0
96.044.4153.1
96.044.4051.4
96.044.4951.4
96.044.4851.4

Part No.

96.144.0053.0
96.144.0053.1
96.144.0153.0
96.144.0153.1

Contacts separately under Accessories, see following
pages.

¹⁾ With wire protection available on request

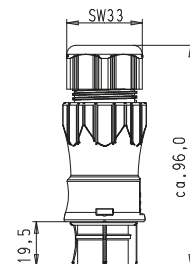
Connectors, straight for cables Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.




with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	up to 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color
250/400V	 1, 2, 3, ⊕	13 – 18	light gray black

Part No.

96.041.4553.0
96.041.4553.1

Part No.

96.141.0553.0
96.141.0553.1

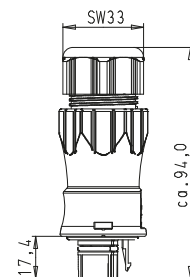
Contacts separately under Accessories, see following pages.

Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.




with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color
250/400V	 1, 2, 3, ⊕	13 – 18	light gray black

Part No.

96.042.4553.0
96.042.4553.1

Part No.

96.142.0553.0
96.142.0553.1

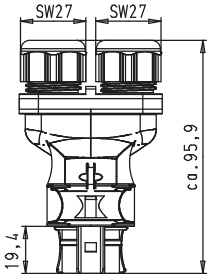
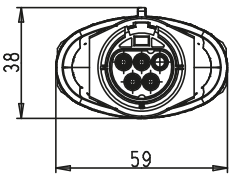
Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

Splitter connector, straight
for cables Ø 6 – 10 mm and 10 –14 mm


Female connector

Unmounted with cable glands.
See Technical Data for sheath and insulation strip lengths.

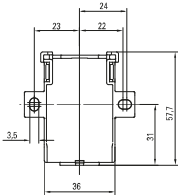


with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 1.5
stranded	without ferrules

Application	Coding	Cable diameter in mm	Color	Part No.
250/400V	 1, 2, 3, ⊕	6 – 10	light gray black	96.041.4253.0 96.041.4253.1
		10 – 14	light gray black	96.041.4353.0 96.041.4353.1

Mounting plate for splitter connectors



Color	Part No.
gray	01.006.1553.0
black	01.006.1553.1

¹⁾ With wire protection available on request

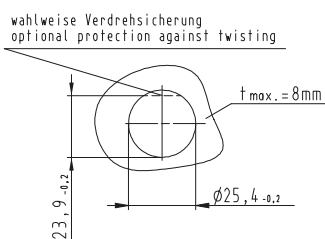
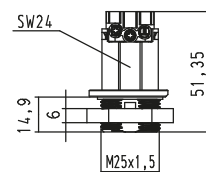
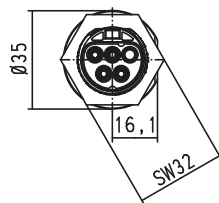
M25 device connector straight, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.
For spacer rings for unlocking the device connector, see Accessories.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.041.5053.0
96.041.5053.1
96.041.5051.4

Part No.
96.141.1053.0
96.141.1053.1

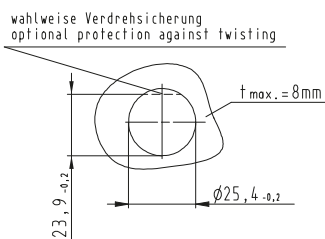
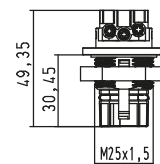
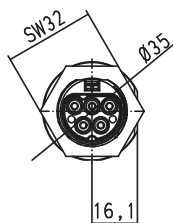
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.
With locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	outside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside
Locking device	yes

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.042.5053.0
96.042.5053.1
96.042.5051.4

Part No.
96.142.1053.0
96.142.1053.1

Contacts separately under Accessories, see following pages.

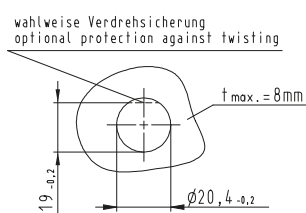
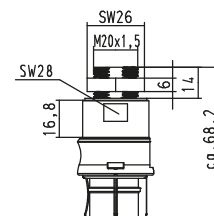
M20 device connector straight, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	1, 2, 3, 4	light gray black
~50/-120V	1, 2, 3, 4	signal brown

Part No.
96.041.6053.0 96.041.6053.1
96.041.6051.4

Part No.
96.141.2053.0 96.141.2053.1

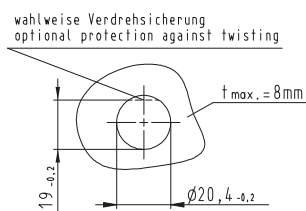
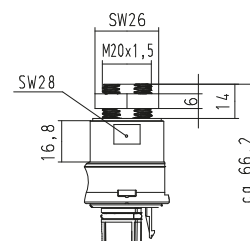
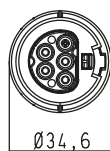
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Leitungen	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Leitungen	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	1, 2, 3, 4	light gray black
~50/-120V	1, 2, 3, 4	signal brown

Part No.
96.042.6053.0 96.042.6053.1
96.042.6051.4

Part No.
96.142.2053.0 96.142.2053.1

Contacts separately under Accessories, see following pages.

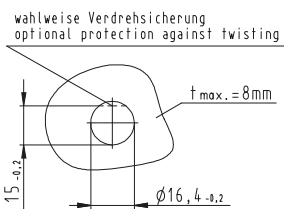
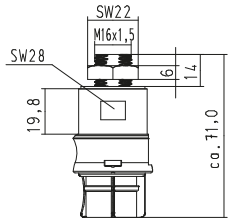
M16 device connector
straight, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.041.6153.0
96.041.6153.1
96.041.6151.4

Part No.
96.141.2153.0
96.141.2153.1

Contacts separately under Accessories, see following pages.

Male connector

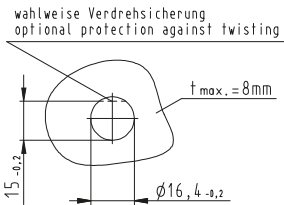
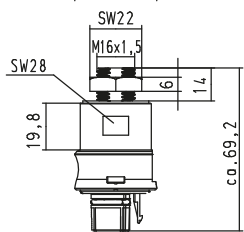
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

With locking device.

Wire strip length see under Technical data.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.042.6153.0
96.042.6153.1
96.042.6151.4

Part No.
96.142.2153.0
96.142.2153.1

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

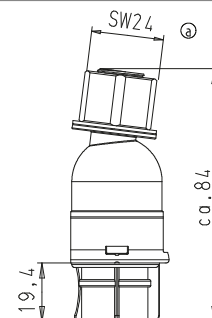
M16 device connector angled 7°, modular

Female connector

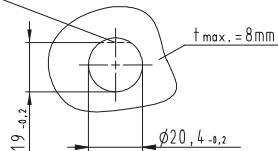
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.045.6153.0 96.045.6153.1
96.045.6151.4

Part No.
96.145.2153.0 96.145.2153.1

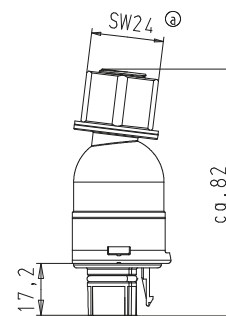
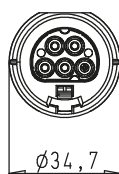
Contacts separately under Accessories, see following pages.

Male connector

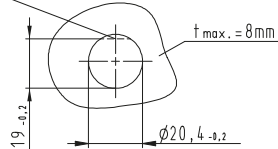
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16. With locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.046.6153.0 96.046.6153.1
96.046.6151.4

Part No.
96.146.2153.0 96.146.2153.1

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

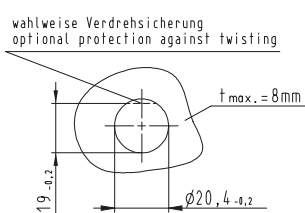
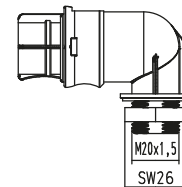
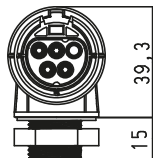
M20 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
Angled 90°, thread M20.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.043.6053.0 96.043.6053.1
96.043.6051.4

Part No.
96.143.2053.0 96.143.2053.1

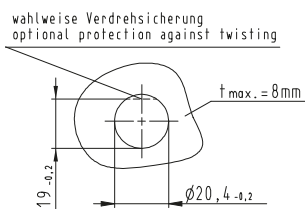
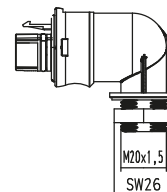
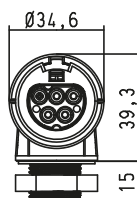
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
Angled 90°, thread M20.
With locking device.

Crimp contacts separately available under Accessories-

See the Technical Data for insulation strip lengths.





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.044.6053.0 96.044.6053.1
96.044.6051.4

Part No.
96.144.2053.0 96.144.2053.1

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

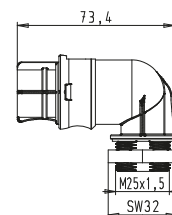
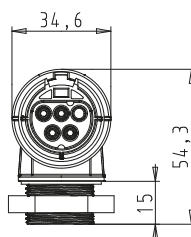
M25 device connector angled 90°, modular

Female connector

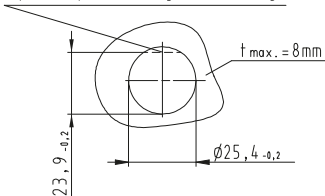
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 90°, thread M25.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.043.6253.0 96.043.6253.1
96.043.6251.4

Part No.
96.143.2253.0 96.143.2253.1

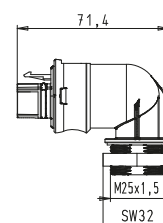
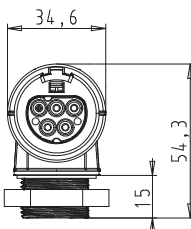
Contacts separately under Accessories, see following pages.

Male connector

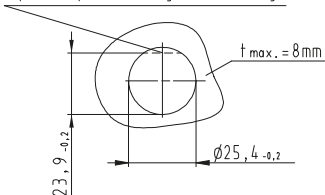
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 90°, thread M25. With locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting





with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	 1, 2, 3, 4	light gray black
~50/-120V	 1, 2, 3, 4	signal brown

Part No.
96.044.6253.0 96.044.6253.1
96.044.6251.4

Part No.
96.144.2253.0 96.144.2253.1

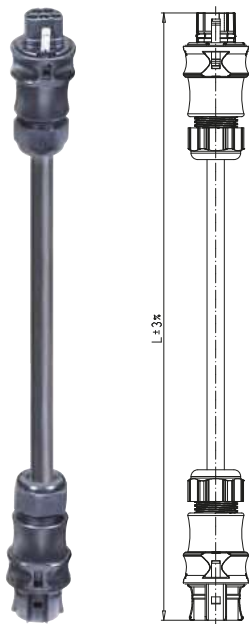
Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

Cable assemblies
Cable 4 x 1.5 mm²; 16 A

Rated values			Pull relief	Gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male



250/400V
black

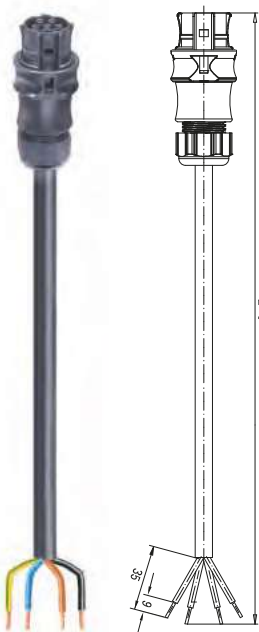


Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.442.1000.1
	2	96.442.2000.1
	3	96.442.3000.1
	4	96.442.4000.1
	5	96.442.5000.1
	6	96.442.6000.1
	7	96.442.7000.1
	8	96.442.8000.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.442.1030.1
	2	96.442.2030.1
	3	96.442.3030.1
	4	96.442.4030.1
	5	96.442.5030.1
	6	96.442.6030.1
	7	96.442.7030.1
	8	96.442.8030.1

4-pole cables - one pole is not configured

Connection cables female – free end



250/400V
black



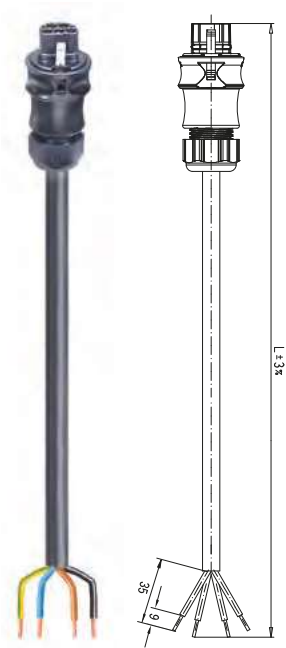
Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.442.1003.1
	2	96.442.2003.1
	3	96.442.3003.1
	4	96.442.4003.1
	5	96.442.5003.1
	6	96.442.6003.1
	7	96.442.7003.1
	8	96.442.8003.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.442.1033.1
	2	96.442.2033.1
	3	96.442.3033.1
	4	96.442.4033.1
	5	96.442.5033.1
	6	96.442.6033.1
	7	96.442.7033.1
	8	96.442.8033.1

4-pole cables - one pole is not configured

Cable assemblies
Cable 4 x 1.5 mm²; 16 A

Connection cables male – free end



4-pole cables - one pole is not configured

250/400V
black



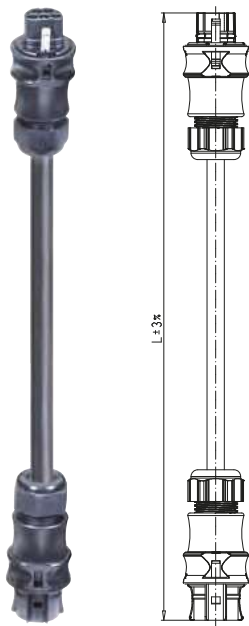
Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.442.1004.1
	2	96.442.2004.1
	3	96.442.3004.1
	4	96.442.4004.1
	5	96.442.5004.1
	6	96.442.6004.1
	7	96.442.7004.1
	8	96.442.8004.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.442.1034.1
	2	96.442.2034.1
	3	96.442.3034.1
	4	96.442.4034.1
	5	96.442.5034.1
	6	96.442.6034.1
	7	96.442.7034.1
	8	96.442.8034.1

Cable assemblies
Cable 4 x 2.5 mm²; 20 A

Rated values			Pull relief	Gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male



250/400V
black

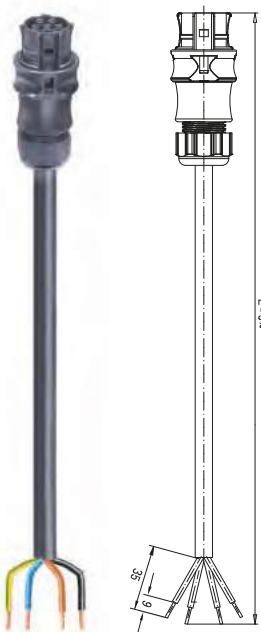


Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.443.1000.1
	2	96.443.2000.1
	3	96.443.3000.1
	4	96.443.4000.1
	5	96.443.5000.1
	6	96.443.6000.1
	7	96.443.7000.1
	8	96.443.8000.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.443.1030.1
	2	96.443.2030.1
	3	96.443.3030.1
	4	96.443.4030.1
	5	96.443.5030.1
	6	96.443.6030.1
	7	96.443.7030.1
	8	96.443.8030.1

4-pole cables - one pole is not configured

Connection cables female – free end



250/400V
black



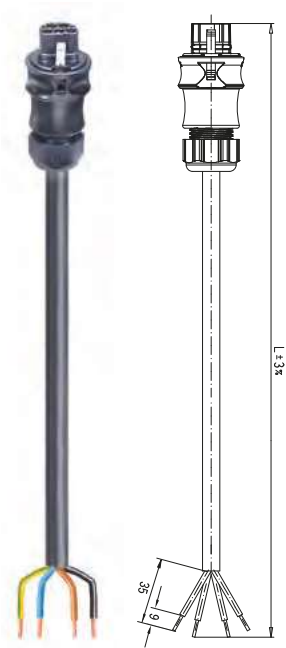
Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.443.1003.1
	2	96.443.2003.1
	3	96.443.3003.1
	4	96.443.4003.1
	5	96.443.5003.1
	6	96.443.6003.1
	7	96.443.7003.1
	8	96.443.8003.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.443.1033.1
	2	96.443.2033.1
	3	96.443.3033.1
	4	96.443.4033.1
	5	96.443.5033.1
	6	96.443.6033.1
	7	96.443.7033.1
	8	96.443.8033.1

4-pole cables - one pole is not configured

Cable assemblies
Cable 4 x 2.5 mm²; 20 A

Connection cables male – free end



4-pole cables - one pole is not configured

250/400V
black



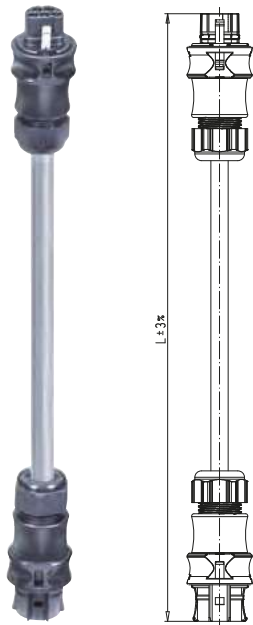
Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1	96.443.1004.1
	2	96.443.2004.1
	3	96.443.3004.1
	4	96.443.4004.1
	5	96.443.5004.1
	6	96.443.6004.1
	7	96.443.7004.1
	8	96.443.8004.1

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.443.1034.1
	2	96.443.2034.1
	3	96.443.3034.1
	4	96.443.4034.1
	5	96.443.5034.1
	6	96.443.6034.1
	7	96.443.7034.1
	8	96.443.8034.1

Cable assemblies
Cable 4 x 1.5 mm²; 16 A

Rated values			Pull relief	Gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	grey
Wire strip length	(open cable end)	9 mm	Color handle shell	black

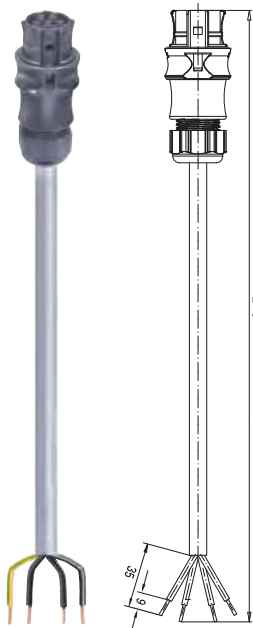
Connection cables female – male



Cable	Length m	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.442.1080.1
	2	96.442.2080.1
	3	96.442.3080.1
	4	96.442.4080.1
	5	96.442.5080.1
	6	96.442.6080.1
	7	96.442.7080.1
	8	96.442.8080.1

4-pole cables - one pole is not configured

Connection cables female – free end

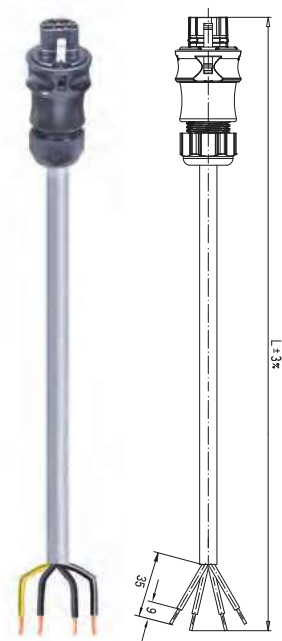


Cable	Length m	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.442.1083.1
	2	96.442.2083.1
	3	96.442.3083.1
	4	96.442.4083.1
	5	96.442.5083.1
	6	96.442.6083.1
	7	96.442.7083.1
	8	96.442.8083.1

4-pole cables - one pole is not configured

Cable assemblies
Cable 4 x 1.5 mm²; 16 A

Connection cables male – free end



4-pole cables - one pole is not configured

250/400V
black



GN/YE
BK 1
BK 2
BK 3

Cable	Length m	Part No.
PVC cable Ölflex Classic 100 containing halogen	1	96.442.1084.1
	2	96.442.2084.1
	3	96.442.3084.1
	4	96.442.4084.1
	5	96.442.5084.1
	6	96.442.6084.1
	7	96.442.7084.1
	8	96.442.8084.1

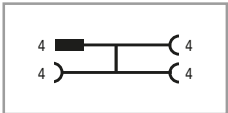
Distribution units

RST compact distribution unit

Dimensions	104 x 162 x 57.2 mm	Pre-wired with	2.5 mm ²
Fitted as required with	M25 device connectors 4-pole	Mounting option	Yes



Circuit diagram



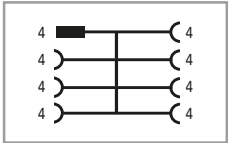
Color	Input	Outputs	Part No.
■ black	1, RST20i4	3, RST20i4	99.911.0000.7

RST multiple distribution unit

Dimensions	112 x 154 x 94 mm	Pre-wired with	2.5 mm ²
Fitted as required with	M25 device connectors 4-pole	Fuse	6.3 or 10A can be integrated



Circuit diagram



Color	Input	Outputs	Part No.
■ black	1, RST20i4	4, RST20i4	99.935.0000.7
■ black	1, RST20i4	5, RST20i4	99.916.0000.7
■ black	1, RST20i4	7, RST20i4	99.936.0000.7



General power applications, switching functions, power/dimming signals and low voltage

Application example



General

Four variations are available for applications up to 250/400 V (for example mains, switching functions, a version to combine power and dimming signals), as well as a version for low-voltage applications up to 50/120 V.

All connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. You therefore have the security of a clear separation of different applications without having to redo any incorrect connections. The color of the connectors indicates the links that belong together.

Coding

For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.					Application					
					250/400V		250V	250/400V	250/400V	~50/-120V
					⊕, N, 3, 2, 1		L, N, ⊕, D1, D2	1, 2, 3, 4, 5	N, E, 1, 2, 3	1, 2, 3, 4, 5
					light gray	black	turquoise	light blue	yellow	signal brown
Name	Description	Connection style	Strain relief housing	Connection points per pole						
Connector	1 x cable entry	Screw Crimp	yes	1	✓	✓	✓	✓	✓	✓
	2 x cable entry	Screw Spring clamp	yes	1	✓	✓	✓	✓	✓	✓
Distribution units	RST compact distribution unit/ multi-distribution unit				on request	on request	on request	on request	on request	on request
	Individual distribution box				on request	on request	on request	on request	on request	on request
Device connectors	M16 device connector, modular, straight				✓	✓	✓	✓		✓
	M16 device connector, modular, angled 7°				✓	✓	✓	✓		✓
	M25 device connector, standard				✓	✓	✓	✓	✓	✓
	M20 device connector, standard				✓	✓	✓	✓		✓
	M20 device connector, modular, straight				✓	✓	✓	✓		✓
	M25 device connector, modular, angled				✓	✓	✓	✓		✓
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		✓
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓		✓

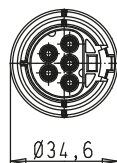
Connectors, straight for cables Ø 6 – 10 mm and 10 – 14 mm







Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



				with screw connection ¹⁾	with crimp connection
				Wire	mm ²
				rigid	
				fine-stranded	0.75 – 4.0
				stranded	without ferrules
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250/400V	 ⊕, N, 3, 2, 1	6 – 10	light gray	96.051.4053.0	96.151.0053.0
		10 – 14	black	96.051.4053.1	96.151.0053.1
	 L, ⊕, N, D1, D2	6 – 10	light gray	96.051.4153.0	96.151.0153.0
		10 – 14	black	96.051.4153.1	96.151.0153.1
	 1, 2, 3, 4, 5	6 – 10	turquoise	96.051.4053.6	96.151.0053.6
		10 – 14	black	96.051.4153.6	96.151.0153.6
~50/-120V	 1, 2, 3, 4, 5	6 – 10	light blue	96.051.4053.9	96.151.0053.9
		10 – 14	black	96.051.4153.9	96.151.0153.9
	 N, E, 1, 2, 3	6 – 10	yellow	96.051.4053.2	
		10 – 14	black		
~50/-120V	 1, 2, 3, 4, 5	6 – 10	signal	96.051.4051.4	96.151.0051.4
		10 – 14	brown	96.051.4151.4	96.151.0151.4

Contacts separately under Accessories, see following pages.







Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



				with screw connection ¹⁾	with crimp connection
				Wire	mm ²
				rigid	
				fine-stranded	0.75 – 4.0
				stranded	without ferrules
				Locking device	yes
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250/400V	 ⊕, N, 3, 2, 1	6 – 10	light gray	96.052.4053.0	96.152.0053.0
		10 – 14	black	96.052.4053.1	96.152.0053.1
	 L, ⊕, N, D1, D2	6 – 10	light gray	96.052.4153.0	96.152.0153.0
		10 – 14	black	96.052.4153.1	96.152.0153.1
	 1, 2, 3, 4, 5	6 – 10	turquoise	96.052.4053.6	96.152.0053.6
		10 – 14	black	96.052.4153.6	96.152.0153.6
~50/-120V	 1, 2, 3, 4, 5	6 – 10	light blue	96.052.4053.9	96.152.0053.9
		10 – 14	black	96.052.4153.9	96.152.0153.9
	 N, E, 1, 2, 3	6 – 10	yellow	96.052.4053.2	
		10 – 14	black		
~50/-120V	 1, 2, 3, 4, 5	6 – 10	signal	96.052.4051.4	96.152.0051.4
		10 – 14	brown	96.052.4151.4	96.152.0151.4

Contacts separately under Accessories, see following pages.

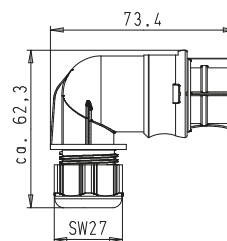
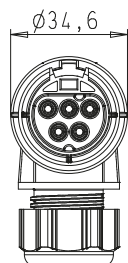
¹⁾ With wire protection available on request

Connectors, angled 90° for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for sheath and insulation strip length as well as the ferrules to be used.







with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color
250/400V	 ⊕, N, 3, 2, 1	6 – 10	light gray
		10 – 14	black
	 L, ⊕, N, D1, D2	6 – 10	light gray
		10 – 14	black
	 1, 2, 3, 4, 5	6 – 10	turquoise
		10 – 14	black
~50/-120V	 1, 2, 3, 4, 5	6 – 10	light blue
		10 – 14	black

Part No.
96.053.4053.0
96.053.4053.1
96.053.4153.0
96.053.4153.1
96.053.4053.6
96.053.4153.6
96.053.4053.9
96.053.4153.9
96.053.4051.4
96.053.4151.4

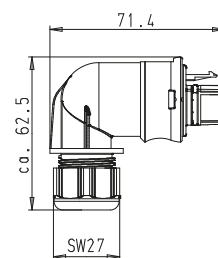
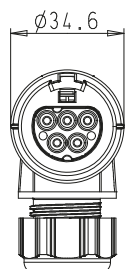
Part No.
96.153.0053.0
96.153.0053.1
96.153.0153.0
96.153.0153.1
96.153.0053.6
96.153.0153.6
96.153.0053.9
96.153.0153.9
96.153.0051.4
96.153.0151.4

Contacts separately under Accessories, see following pages.

Male connector

Unmounted with cable gland and locking device.
90° angle.

See the Technical Data for sheath and insulation strip length as well as the ferrules to be used.







with screw connection¹⁾

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Locking device	yes

Application	Coding	Cable diameter in mm	Color
250/400V	 ⊕, N, 3, 2, 1	6 – 10	light gray
		10 – 14	black
	 L, ⊕, N, D1, D2	6 – 10	light gray
		10 – 14	black
	 1, 2, 3, 4, 5	6 – 10	turquoise
		10 – 14	black
~50/-120V	 1, 2, 3, 4, 5	6 – 10	light blue
		10 – 14	black

Part No.
96.054.4053.0
96.054.4053.1
96.054.4153.0
96.054.4153.1
96.054.4053.6
96.054.4153.6
96.054.4053.9
96.054.4153.9
96.054.4051.4
96.054.4151.4

Part No.
96.154.0053.0
96.154.0053.1
96.154.0153.0
96.154.0153.1
96.154.0053.6
96.154.0153.6
96.154.0053.9
96.154.0153.9
96.154.0051.4
96.154.0151.4

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

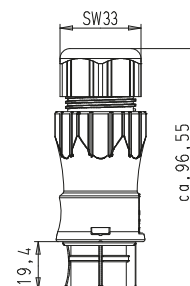
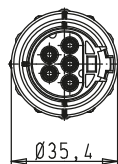
Connectors, straight for cable Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



with screw connection¹⁾

Wire	mm ²
rigid	0.75 – 4.0 without ferrules
fine-stranded	
stranded	

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	13 – 18	light gray black	96.051.4553.0 96.051.4553.1	96.151.0553.0 96.151.0553.1
	L, ⊕, N, D1, D2	13 – 18	turquoise	96.051.4553.6	96.151.0553.6
	1, 2, 3, 4, 5	13 – 18	light blue	96.051.4553.9	96.151.0553.9
	N, E, 1, 2, 3	13 – 18	yellow	96.051.4553.2	
~50/-120V	1, 2, 3, 4, 5	13 – 18	signal brown	96.051.4551.4	96.151.0551.4

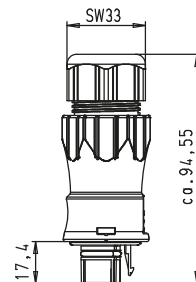
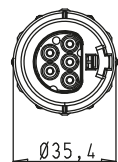
Contacts separately under Accessories, see following pages.

Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



with screw connection¹⁾

Wire	mm ²
rigid	0.75 – 4.0 without ferrules
fine-stranded	
stranded	
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Locking device	yes

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	13 – 18	light gray black	96.052.4553.0 96.052.4553.1	96.152.0553.0 96.152.0553.1
	L, ⊕, N, D1, D2	13 – 18	turquoise	96.052.4553.6	96.152.0553.6
	1, 2, 3, 4, 5	13 – 18	light blue	96.052.4553.9	96.152.0553.9
	N, E, 1, 2, 3	13 – 18	yellow	96.052.4553.2	
~50/-120V	1, 2, 3, 4, 5	13 – 18	signal brown	96.052.4551.4	96.152.0551.4

Contacts separately under Accessories, see following pages.

¹⁾ With wire protection available on request

Splitter connector, straight
for cables Ø 6 – 10 mm and 10 – 14 mm






Female connector

Unmounted with cable glands.
See Technical Data for sheath and insulation strip lengths.

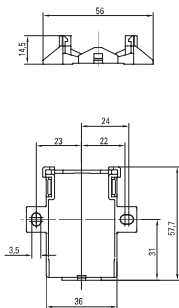


with screw connection¹⁾

Wire	mm²
rigid	
fine-stranded	0.75 – 1.5
stranded	without ferrules

Application	Coding	Cable diameter in mm	Color	Part No.
250/400V	 ⊕ N, 3, 2, 1	6 – 10	light gray	96.051.4253.0
			black	96.051.4253.1
	 L, ⊕ N, D1, D2	6 – 10	light gray	96.051.4353.0
			black	96.051.4353.1
	 1, 2, 3, 4, 5	6 – 10	turquoise	96.051.4253.6
				96.051.4353.6
~50/-120V	 1, 2, 3, 4, 5	6 – 10	light blue	96.051.4253.9
				96.051.4353.9
	 1, 2, 3, 4, 5	6 – 10	signal	96.051.4251.4
			brown	96.051.4351.4

Mounting plate for splitter connectors



Color	Part No.
■ gray	01.006.1553.0
■ black	01.006.1553.1

¹⁾ With wire protection available on request

M25 device connector straight, standard

Female connector

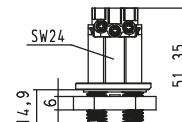
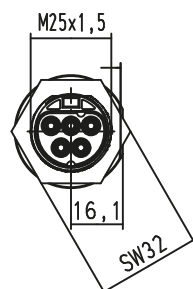
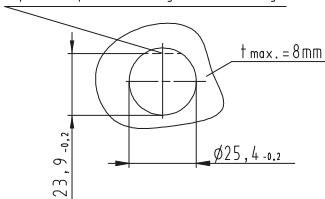
Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.

For spacer rings for unlocking the device connector, see Accessories.

wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Contacts separately under Accessories, see following pages.

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.051.5053.0 96.051.5053.1	96.151.1053.0 96.151.1053.1
	L, ⊕, N, D1, D2	turquoise	96.051.5053.6	96.151.1053.6
	1, 2, 3, 4, 5	light blue	96.051.5053.9	96.151.1053.9
	N, E, 1, 2, 3	signal brown		96.151.1053.2
~50/-120V	1, 2, 3, 4, 5	yellow	96.051.5051.4	96.151.1051.4

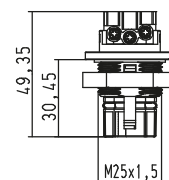
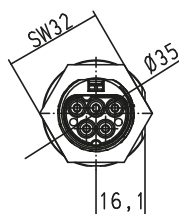
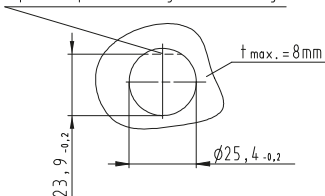
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from outside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.

wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	outside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside
Locking device	yes

Contacts separately under Accessories, see following pages.

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.052.5053.0 96.052.5053.1	96.152.1053.0 96.152.1053.1
	L, ⊕, N, D1, D2	turquoise	96.052.5053.6	96.152.1053.6
	1, 2, 3, 4, 5	light blue	96.052.5053.9	96.152.1053.9
	N, E, 1, 2, 3	signal brown		96.152.1053.2
~50/-120V	1, 2, 3, 4, 5	yellow	96.052.5051.4	96.152.1051.4

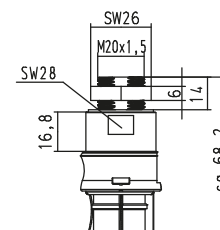
M20 device connector straight, modular

Female connector

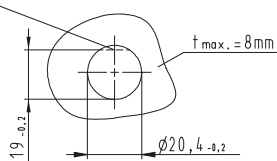
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color
250/400V	⊕, N, 3, 2, 1	light gray black
	L, ⊕, N, D1, D2	turquoise
	1, 2, 3, 4, 5	light blue
~50/-120V	1, 2, 3, 4, 5	signal brown

Part No.
96.051.6053.0
96.051.6053.1
96.051.6053.6
96.051.6053.9
96.051.6051.4

Part No.
96.151.2053.0
96.151.2053.1
96.151.2053.6
96.151.2053.9
96.151.2051.4

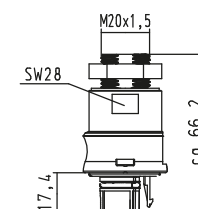
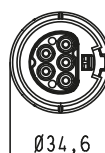
Contacts separately under Accessories, see following pages.

Male connector

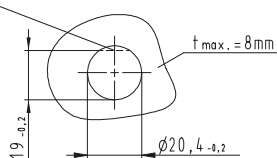
Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for sheath and insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	⊕, N, 3, 2, 1	light gray black
	L, ⊕, N, D1, D2	turquoise
	1, 2, 3, 4, 5	light blue
~50/-120V	1, 2, 3, 4, 5	signal brown

Part No.
96.052.6053.0
96.052.6053.1
96.052.6053.6
96.052.6053.9
96.052.6051.4

Part No.
96.152.2053.0
96.152.2053.1
96.152.2053.6
96.152.2053.9
96.152.2051.4

Contacts separately under Accessories, see following pages.

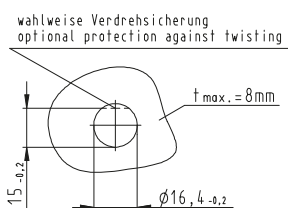
M16 device connector straight, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.051.6153.0 96.051.6153.1	96.151.2153.0 96.151.2153.1
	L, ⊕, N, D1, D2	turquoise	96.051.6153.6	96.151.2153.6
	1, 2, 3, 4, 5	light blue	96.051.6153.9	96.151.2153.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.051.6151.4	96.151.2151.4

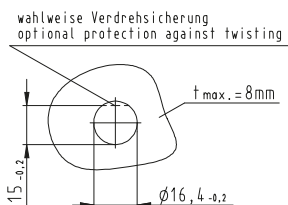
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.052.6153.0 96.052.6153.1	96.152.2153.0 96.152.2153.1
	L, ⊕, N, D1, D2	turquoise	96.052.6153.6	96.152.2153.6
	1, 2, 3, 4, 5	light blue	96.052.6153.9	96.152.2153.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.052.6151.4	96.152.2151.4

Contacts separately under Accessories, see following pages.

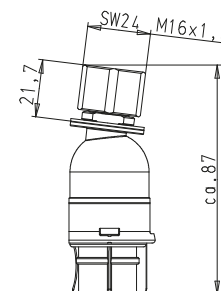
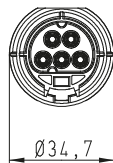
M16 device connector angled 7°, modular

Female connector

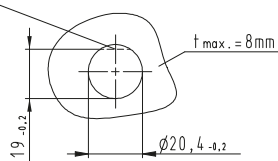
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.055.6153.0 96.055.6153.1	96.155.2153.0 96.155.2153.1
	L, ⊕, N, D1, D2	turquoise	96.055.6153.6	96.155.2153.6
	1, 2, 3, 4, 5	light blue	96.055.6153.9	96.155.2153.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.055.6151.4	96.155.2151.4

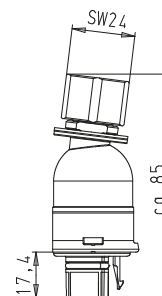
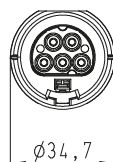
Contacts separately under Accessories, see following pages.

Male connector

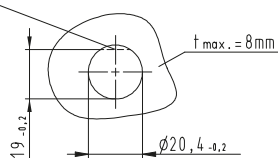
Correct positioning guaranteed due to flattened thread. With locking device. Fastening with screws from inside. Angled 7°, thread M16.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



wahlweise Verdrehsicherung
optional protection against twisting



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.056.6153.0 96.056.6153.1	96.156.2153.0 96.156.2153.1
	L, ⊕, N, D1, D2	turquoise	96.056.6153.6	96.156.2153.6
	1, 2, 3, 4, 5	light blue	96.056.6153.9	96.156.2153.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.056.6151.4	96.156.2151.4

Contacts separately under Accessories, see following pages.

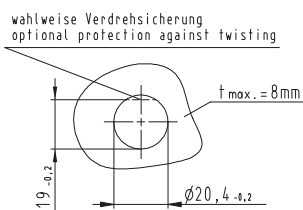
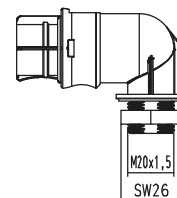
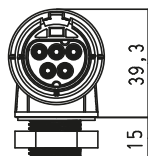
M20 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
Angled 90°, thread M20.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.053.6053.0 96.053.6053.1	96.153.2053.0 96.153.2053.1
	L, ⊕, N, D1, D2	turquoise	96.053.6053.6	96.153.2053.6
	1, 2, 3, 4, 5	light blue	96.053.6053.9	96.153.2053.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.053.6051.4	96.153.2051.4

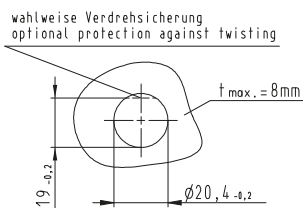
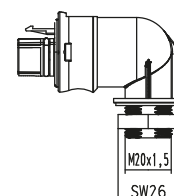
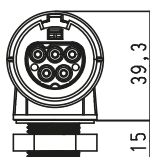
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.
Angled 90°, thread M20.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color	Part No.	Part No.
250/400V	⊕, N, 3, 2, 1	light gray black	96.054.6053.0 96.054.6053.1	96.154.2053.0 96.154.2053.1
	L, ⊕, N, D1, D2	turquoise	96.054.6053.6	96.154.2053.6
	1, 2, 3, 4, 5	light blue	96.054.6053.9	96.154.2053.9
~50/-120V	1, 2, 3, 4, 5	signal brown	96.054.6051.4	96.154.2051.4

Contacts separately under Accessories, see following pages.

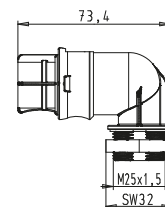
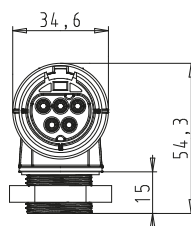
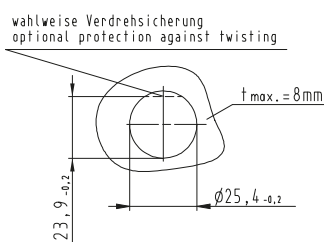
M25 device connector angled 90°, modular

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 90°, thread M25.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color
250/400V	⊕, N, 3, 2, 1	light gray black
	L, ⊕, N, D1, D2	turquoise
	1, 2, 3, 4, 5	light blue
~50/-120V	1, 2, 3, 4, 5	signal brown

Part No.
96.053.6253.0
96.053.6253.1
96.053.6253.6
96.053.6253.9
96.053.6251.4

Part No.
96.153.2253.0
96.153.2253.1
96.153.2253.6
96.153.2253.9
96.153.2251.4

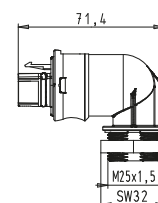
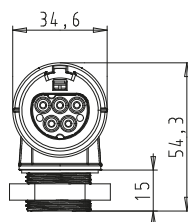
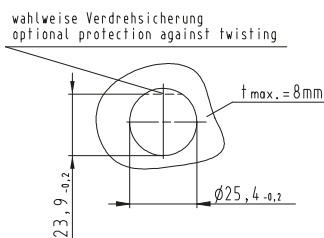
Contacts separately under Accessories, see following pages.

Male connector

Correct positioning guaranteed due to flattened thread. With locking device. Fastening with screws from inside. Angled 90°, thread M25.

Crimp contacts separately available under Accessories.

See the Technical Data for insulation strip lengths.



with screw connection

Wire	mm ²
rigid	
fine-stranded	0.75 – 4.0
stranded	without ferrules
Term. poles	1
Thread	M25 x 1.5
Gland	inside
Locking device	yes

with crimp connection

Wire	mm ²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside
Locking device	yes

Application	Coding	Color
250/400V	⊕, N, 3, 2, 1	light gray black
	L, ⊕, N, D1, D2	turquoise
	1, 2, 3, 4, 5	light blue
~50/-120V	1, 2, 3, 4, 5	signal brown

Part No.
96.054.6253.0
96.054.6253.1
96.054.6253.6
96.054.6253.9
96.054.6251.4

Part No.
96.154.2253.0
96.154.2253.1
96.154.2253.6
96.154.2253.9
96.154.2251.4

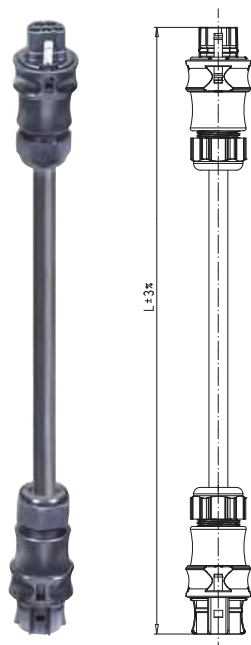
Contacts separately under Accessories, see following pages.

Cable assemblies

Cable 5 x 1.5 mm²; 16 A

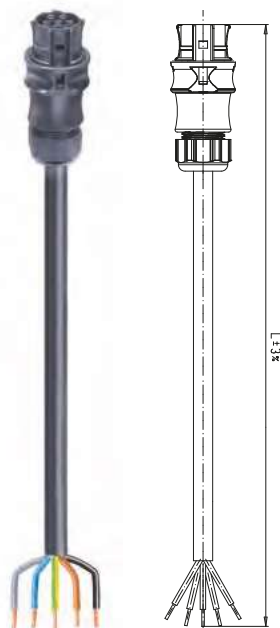
Rated values			Pull relief	with gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male



		250/400V black		250V turquoise	
Cable	Length m	Part No.		Part No.	
PVC cable H05VV-F containing halogen	1	96.452.1000.1		96.452.1000.6	
	2	96.452.2000.1		96.452.2000.6	
	3	96.452.3000.1		96.452.3000.6	
	4	96.452.4000.1		96.452.4000.6	
	5	96.452.5000.1		96.452.5000.6	
	6	96.452.6000.1		96.452.6000.6	
	7	96.452.7000.1		96.452.7000.6	
	8	96.452.8000.1		96.452.8000.6	
Cable	Length m	Part No.		Part No.	
Rubber-sheathed cable H07RN-F containing halogen	1	96.452.1030.1		96.452.1030.6	
	2	96.452.2030.1		96.452.2030.6	
	3	96.452.3030.1		96.452.3030.6	
	4	96.452.4030.1		96.452.4030.6	
	5	96.452.5030.1		96.452.5030.6	
	6	96.452.6030.1		96.452.6030.6	
	7	96.452.7030.1		96.452.7030.6	
	8	96.452.8030.1		96.452.8030.6	
Cable	Length m	Part No.			
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.452.1050.1			
	2	96.452.2050.1			
	3	96.452.3050.1			
	4	96.452.4050.1			
	5	96.452.5050.1			
	6	96.452.6050.1			
	7	96.452.7050.1			
	8	96.452.8050.1			

Connection cables female – free end

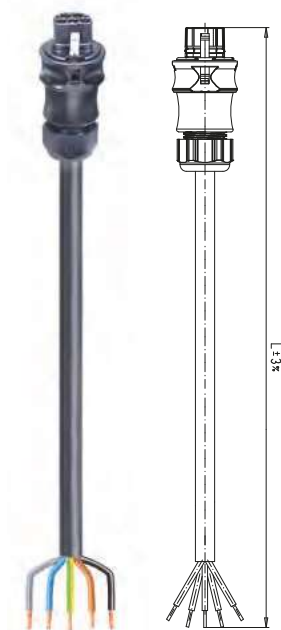


		250/400V black		250V turquoise	
Cable	Length m	Part No.		Part No.	
PVC cable H05VV-F containing halogen	1	96.452.1003.1		96.452.1003.6	
	2	96.452.2003.1		96.452.2003.6	
	3	96.452.3003.1		96.452.3003.6	
	4	96.452.4003.1		96.452.4003.6	
	5	96.452.5003.1		96.452.5003.6	
	6	96.452.6003.1		96.452.6003.6	
	7	96.452.7003.1		96.452.7003.6	
	8	96.452.8003.1		96.452.8003.6	
Cable	Length m	Part No.		Part No.	
Rubber-sheathed cable H07RN-F containing halogen	1	96.452.1033.1		96.452.1033.6	
	2	96.452.2033.1		96.452.2033.6	
	3	96.452.3033.1		96.452.3033.6	
	4	96.452.4033.1		96.452.4033.6	
	5	96.452.5033.1		96.452.5033.6	
	6	96.452.6033.1		96.452.6033.6	
	7	96.452.7033.1		96.452.7033.6	
	8	96.452.8033.1		96.452.8033.6	
Cable	Length m	Part No.			
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.452.1053.1			
	2	96.452.2053.1			
	3	96.452.3053.1			
	4	96.452.4053.1			
	5	96.452.5053.1			
	6	96.452.6053.1			
	7	96.452.7053.1			
	8	96.452.8053.1			

Cable assemblies

Cable 5 x 1.5 mm²; 16 A

Connection cables male – free end



250/400V black



⑨ = GN/YE
N = BU
1 = BN
2 = BK
3 = GY

250V turquoise



⑨ = GN/YE
N = BU
L = BN
D1 = GY
D2 = BK

Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.452.1004.1	96.452.1004.6
	2	96.452.2004.1	96.452.2004.6
	3	96.452.3004.1	96.452.3004.6
	4	96.452.4004.1	96.452.4004.6
	5	96.452.5004.1	96.452.5004.6
	6	96.452.6004.1	96.452.6004.6
	7	96.452.7004.1	96.452.7004.6
	8	96.452.8004.1	96.452.8004.6

Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.452.1034.1	96.452.1034.6
	2	96.452.2034.1	96.452.2034.6
	3	96.452.3034.1	96.452.3034.6
	4	96.452.4034.1	96.452.4034.6
	5	96.452.5034.1	96.452.5034.6
	6	96.452.6034.1	96.452.6034.6
	7	96.452.7034.1	96.452.7034.6
	8	96.452.8034.1	96.452.8034.6

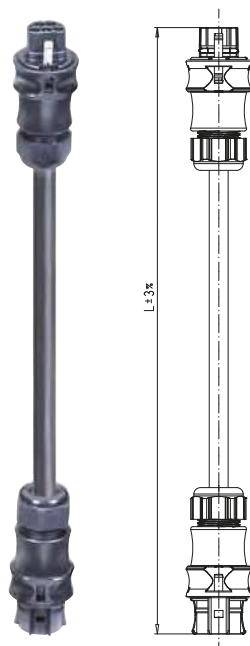
Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.452.1054.1
	2	96.452.2054.1
	3	96.452.3054.1
	4	96.452.4054.1
	5	96.452.5054.1
	6	96.452.6054.1
	7	96.452.7054.1
	8	96.452.8054.1

Cable assemblies

Cable 5 x 2.5 mm²; 20 A

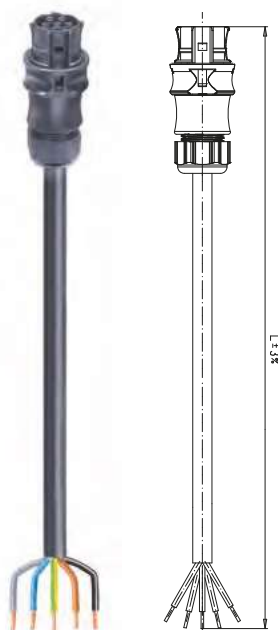
Rated values			Pull relief	with gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male



		250/400V black	250V turquoise
Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.453.1000.1	96.453.1000.6
	2	96.453.2000.1	96.453.2000.6
	3	96.453.3000.1	96.453.3000.6
	4	96.453.4000.1	96.453.4000.6
	5	96.453.5000.1	96.453.5000.6
	6	96.453.6000.1	96.453.6000.6
	7	96.453.7000.1	96.453.7000.6
	8	96.453.8000.1	96.453.8000.6
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.453.1030.1	96.453.1030.6
	2	96.453.2030.1	96.453.2030.6
	3	96.453.3030.1	96.453.3030.6
	4	96.453.4030.1	96.453.4030.6
	5	96.453.5030.1	96.453.5030.6
	6	96.453.6030.1	96.453.6030.6
	7	96.453.7030.1	96.453.7030.6
	8	96.453.8030.1	96.453.8030.6
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.453.1050.1	
	2	96.453.2050.1	
	3	96.453.3050.1	
	4	96.453.4050.1	
	5	96.453.5050.1	
	6	96.453.6050.1	
	7	96.453.7050.1	
	8	96.453.8050.1	

Connection cables female – free end

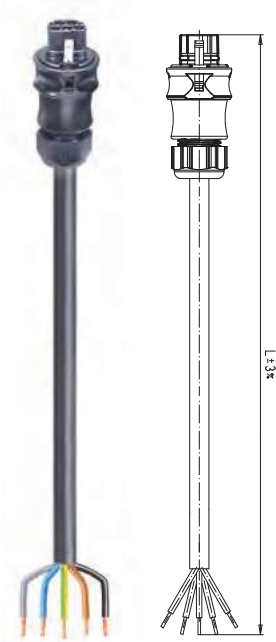


		250/400V black	250V turquoise
Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.453.1003.1	96.453.1003.6
	2	96.453.2003.1	96.453.2003.6
	3	96.453.3003.1	96.453.3003.6
	4	96.453.4003.1	96.453.4003.6
	5	96.453.5003.1	96.453.5003.6
	6	96.453.6003.1	96.453.6003.6
	7	96.453.7003.1	96.453.7003.6
	8	96.453.8003.1	96.453.8003.6
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.453.1033.1	96.453.1033.6
	2	96.453.2033.1	96.453.2033.6
	3	96.453.3033.1	96.453.3033.6
	4	96.453.4033.1	96.453.4033.6
	5	96.453.5033.1	96.453.5033.6
	6	96.453.6033.1	96.453.6033.6
	7	96.453.7033.1	96.453.7033.6
	8	96.453.8033.1	96.453.8033.6
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.453.1053.1	
	2	96.453.2053.1	
	3	96.453.3053.1	
	4	96.453.4053.1	
	5	96.453.5053.1	
	6	96.453.6053.1	
	7	96.453.7053.1	
	8	96.453.8053.1	

Cable assemblies

Cable 5 x 2.5 mm²; 20 A

Connection cables male – free end



**250/400V
black**



⊕ = GN/YE
N = BU
1 = BN
2 = BK
3 = GY

**250V
turquoise**



⊕ = GN/YE
N = BU
1 = BN
D1 = GY
D2 = BK

Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.453.1004.1	96.453.1004.6
	2	96.453.2004.1	96.453.2004.6
	3	96.453.3004.1	96.453.3004.6
	4	96.453.4004.1	96.453.4004.6
	5	96.453.5004.1	96.453.5004.6
	6	96.453.6004.1	96.453.6004.6
	7	96.453.7004.1	96.453.7004.6
	8	96.453.8004.1	96.453.8004.6

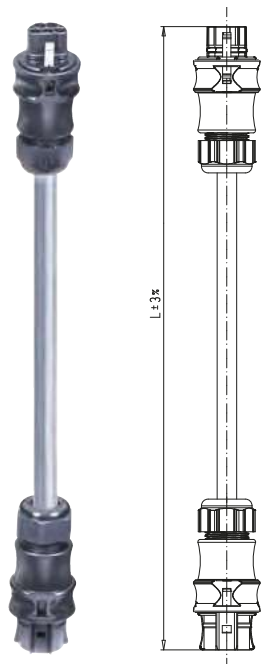
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.453.1034.1	96.453.1034.6
	2	96.453.2034.1	96.453.2034.6
	3	96.453.3034.1	96.453.3034.6
	4	96.453.4034.1	96.453.4034.6
	5	96.453.5034.1	96.453.5034.6
	6	96.453.6034.1	96.453.6034.6
	7	96.453.7034.1	96.453.7034.6
	8	96.453.8034.1	96.453.8034.6

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.453.1054.1
	2	96.453.2054.1
	3	96.453.3054.1
	4	96.453.4054.1
	5	96.453.5054.1
	6	96.453.6054.1
	7	96.453.7054.1
	8	96.453.8054.1

Cable assemblies
Cable 5 x 2.5 mm²; 20 A (Power 5-pole)

Rated values			Pull relief	with gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	gray
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male

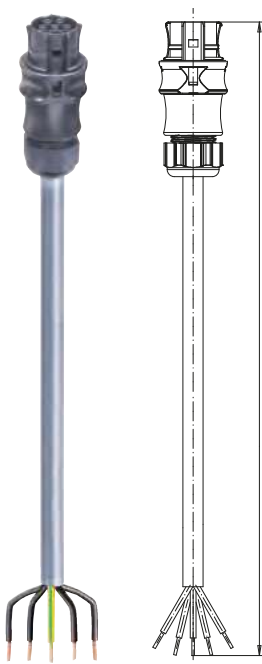


250/400V
black

⊕ = GN/YE
N = BK4
1 = BK1
2 = BK2
3 = BK3

Cable	Length m	Part No.
Cable Ölflex Classic 110 containing halogen	1	96.453.1080.1
	2	96.453.2080.1
	3	96.453.3080.1
	4	96.453.4080.1
	5	96.453.5080.1
	6	96.453.6080.1
	7	96.453.7080.1
	8	96.453.8080.1

Connection cables female – free end



250/400V
black

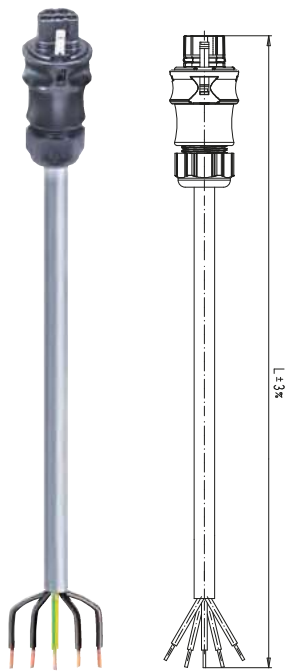
⊕ = GN/YE
N = BK4
1 = BK1
2 = BK2
3 = BK3

Cable	Length m	Part No.
Cable Ölflex Classic 110 containing halogen	1	96.453.1083.1
	2	96.453.2083.1
	3	96.453.3083.1
	4	96.453.4083.1
	5	96.453.5083.1
	6	96.453.6083.1
	7	96.453.7083.1
	8	96.453.8083.1

Other cable lengths, other codings upon request

Cable assemblies
Cable 5 x 2.5 mm²; 20 A (Power 5-pole)

Connection cables male – free end



250/400V
black



⊕ = GN/YE
N = BK4
1 = BK1
2 = BK2
3 = BK3

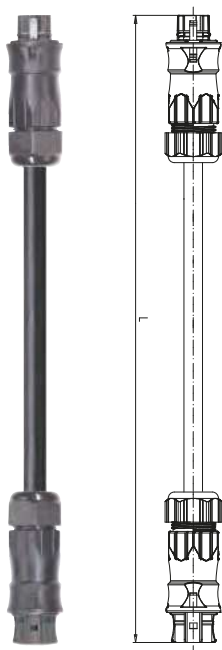
Cable	Length m	Part No.
Cable Ölflex Classic 110 containing halogen	1	96.453.1084.1
	2	96.453.2084.1
	3	96.453.3084.1
	4	96.453.4084.1
	5	96.453.5084.1
	6	96.453.6084.1
	7	96.453.7084.1
	8	96.453.8084.1

Cable assemblies

Cable 5 x 4.0 mm²; 20 A

Rated values			Pull relief	with gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

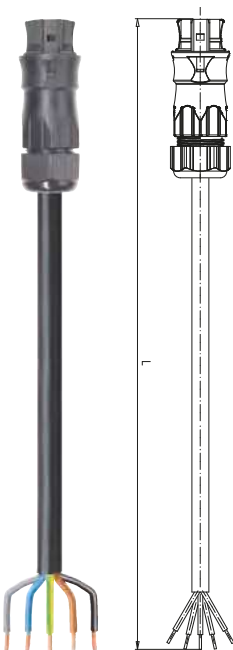
Connection cables female – male



Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.454.1000.1	96.454.1000.6
	2	96.454.2000.1	96.454.2000.6
	3	96.454.3000.1	96.454.3000.6
	4	96.454.4000.1	96.454.4000.6
	5	96.454.5000.1	96.454.5000.6
	6	96.454.6000.1	96.454.6000.6
	7	96.454.7000.1	96.454.7000.6
	8	96.454.8000.1	96.454.8000.6

Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.454.1030.1	96.454.1030.6
	2	96.454.2030.1	96.454.2030.6
	3	96.454.3030.1	96.454.3030.6
	4	96.454.4030.1	96.454.4030.6
	5	96.454.5030.1	96.454.5030.6
	6	96.454.6030.1	96.454.6030.6
	7	96.454.7030.1	96.454.7030.6
	8	96.454.8030.1	96.454.8030.6

Connection cables female – free end

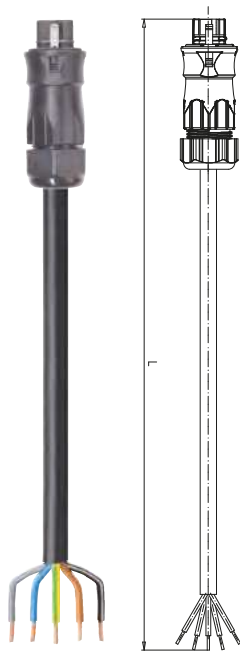






Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.454.1003.1	96.454.1003.6
	2	96.454.2003.1	96.454.2003.6
	3	96.454.3003.1	96.454.3003.6
	4	96.454.4003.1	96.454.4003.6
	5	96.454.5003.1	96.454.5003.6
	6	96.454.6003.1	96.454.6003.6
	7	96.454.7003.1	96.454.7003.6
	8	96.454.8003.1	96.454.8003.6

Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.454.1033.1	96.454.1033.6
	2	96.454.2033.1	96.454.2033.6
	3	96.454.3033.1	96.454.3033.6
	4	96.454.4033.1	96.454.4033.6
	5	96.454.5033.1	96.454.5033.6
	6	96.454.6033.1	96.454.6033.6
	7	96.454.7033.1	96.454.7033.6
	8	96.454.8033.1	96.454.8033.6

Cable assemblies
Cable 5 x 4.0 mm²; 20 A

Connection cables male – free end



		250/400V black		250V turquoise	
		  Ⓢ = GN/YE N = BU 1 = BN 2 = BK 3 = GY		  Ⓢ = GN/YE N = BU L = BN D1 = GY D2 = BK	
Cable	Length m	Part No.		Part No.	
PVC cable H05VV-F containing halogen	1	96.454.1004.1		96.454.1004.6	
	2	96.454.2004.1		96.454.2004.6	
	3	96.454.3004.1		96.454.3004.6	
	4	96.454.4004.1		96.454.4004.6	
	5	96.454.5004.1		96.454.5004.6	
	6	96.454.6004.1		96.454.6004.6	
	7	96.454.7004.1		96.454.7004.6	
	8	96.454.8004.1		96.454.8004.6	
Cable	Length m	Part No.		Part No.	
Rubber-sheathed cable H07RN-F containing halogen	1	96.454.1034.1		96.454.1034.6	
	2	96.454.2034.1		96.454.2034.6	
	3	96.454.3034.1		96.454.3034.6	
	4	96.454.4034.1		96.454.4034.6	
	5	96.454.5034.1		96.454.5034.6	
	6	96.454.6034.1		96.454.6034.6	
	7	96.454.7034.1		96.454.7034.6	
	8	96.454.8034.1		96.454.8034.6	

Distribution units

RST compact distribution unit

Dimensions 104 x 162 x 57.2 mm
Pre-wired with 2.5 mm²

3 outputs routing 230/400V, 20A
Mounting option Yes

RST 20i5 Coding Color black



Circuit diagram



Color	Input	Outputs	Part No.
light grey	1	3	upon request
black	1	3	96.050.0153.1

RST multiple distribution unit

Dimensions 104 x 162 x 96 mm
Pre-wired with 2.5 mm²

Fitted as required with Fuse
M25 device connector 2- up to 5-pole
6.3 or 10A can be integrated

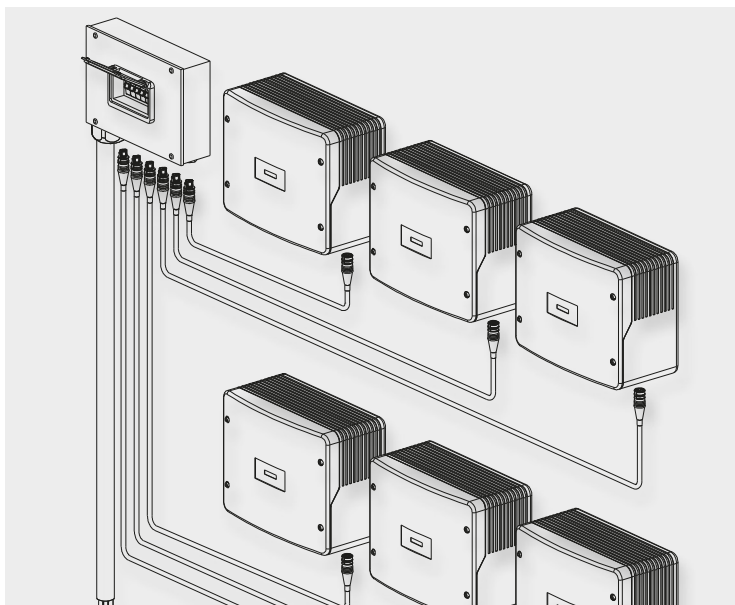


Color	Input	Outputs	Part No.
black	1	7	upon request
black	1	5	96.050.2153.1



Solar applications up to 32 A for single-phase supply with three-phase power monitoring or three-phase supply

Application example



General

The system has been specially adapted to the requirements of solar technology.

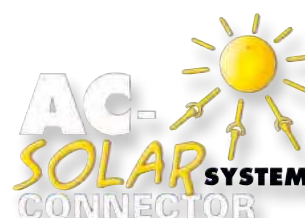
The connectors can be loaded with max. 32 A and are used for single-phase supply with power monitoring or three-phase supply.

Special distribution boxes are used to bundle the electrical power of up to 6 inverters and thus complete the system.

These connectors have their own mechanical coding. This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.

Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 32 A (at 6.0 mm²)
- Cross-sections up to 6 mm²
- Degree of protection IP66/68 (3m; 2h) /69

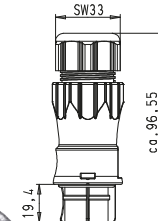
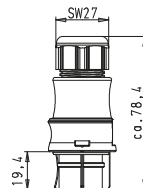


Coding

For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.					Application	250/400V
					Mechanical coding	L, N, ⊕, 1, 2
Name	Description	Connection style	Strain relief housing	Connection points per pole	concrete gray	
Connector	1 x cable entry	Screw	yes	1		
Distribution units	Distribution box RST RAN Solar Distribution box RST Solar					
Device connectors	M25 device connector, Standard					
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled		
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled		
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled		
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled		

Connectors, straight for cables Ø 10 – 14 mm and 13 – 18 mm

Female connector



with screw connection for cables Ø 10 – 14 mm

Wire	mm ²	
solid	up to 4.0	
fine-stranded		without ferrules

with screw connection for cables Ø 13 – 18 mm

Wire	mm ²	
solid	up to 4.0	
fine-stranded	up to 6.0	without ferrules

Application Coding Color

250/400V



concrete gray/
black

Part No.

Cross-section

96.051.4154.3

4 mm²

Part No.

Cross-section

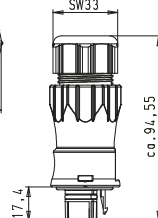
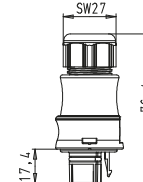
96.051.4554.3

4 mm²

99.575.0000.7

6 mm²

Male connector



with screw connection for cables Ø 10 – 14 mm

Wire	mm ²	
solid	up to 4.0	
fine-stranded		without ferrules

with screw connection for cables Ø 13 – 18 mm

Wire	mm ²	
solid	up to 4.0	
fine-stranded	up to 6.0	without ferrules

Application Coding Color

250/400V



concrete gray/
black

Part No.

Cross-section

96.052.4154.3

4 mm²

Part No.

Cross-section

96.052.4554.3

4 mm²

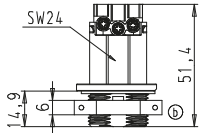
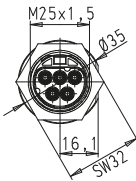
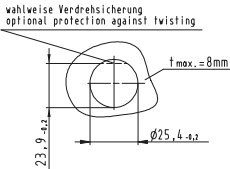
99.576.0000.7

6 mm²

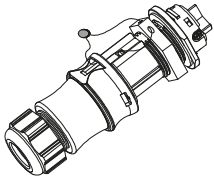
M25 device connector
straight, standard

Female connector
With sealing option

For spacer rings for
unlocking the device
connector, see
Accessories.

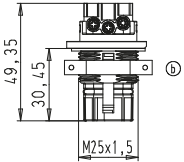
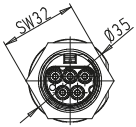
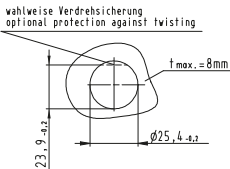


with screw connection		
Wire	mm ²	
solid	up to 4.0	
fine-stranded	up to 6.0	without ferrules

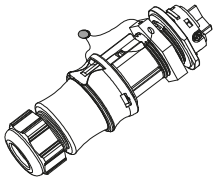


Application	Coding	Color	Part No.	Cross-section
250/400V		concrete gray/ black	96.051.5054.3	4 mm ²
			99.577.0000.7	6 mm ²

Male connector
With sealing option



with screw connection		
Wire	mm ²	
solid	up to 4.0	
fine-stranded	up to 6.0	without ferrules



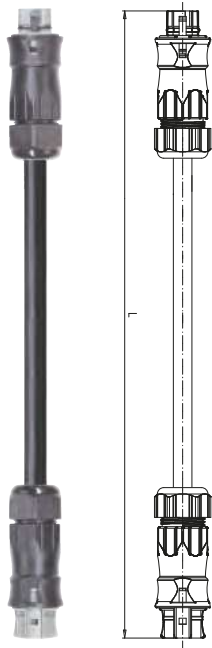
Application	Coding	Color	Part No.	Cross-section
250/400V		concrete gray/ black	96.052.5054.3	4 mm ²
			99.578.0000.7	6 mm ²

Cable assemblies

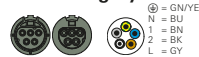
Cable 5 x 4.0 mm²; 25 A

Rated values			Pull relief	with gland nut
Wire ends	(open cable end)	ultrason. welded	Interlock	integrated
Sheath strip length	(open cable end)	35 mm	Color cable	black
Wire strip length	(open cable end)	9 mm	Color handle shell	black

Connection cables female – male



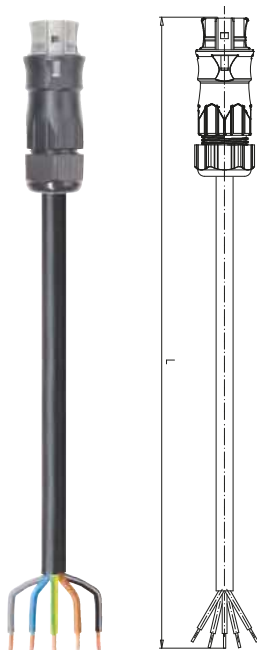
250/400V
concrete gray/black



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.854.1000.3
	1.5	96.854.1500.3
	2.0	96.854.2000.3
	2.5	96.854.2500.3
	3.0	96.854.3000.3
	3.5	96.854.3500.3
	4.0	96.854.4000.3

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.854.1030.3
	1.5	96.854.1530.3
	2.0	96.854.2030.3
	2.5	96.854.2530.3
	3.0	96.854.3030.3
	3.5	96.854.3530.3
	4.0	96.854.4030.3

Connection cables female – free end



250/400V
concrete gray/black



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.854.1003.3
	1.5	96.854.1503.3
	2.0	96.854.2003.3
	2.5	96.854.2503.3
	3.0	96.854.3003.3
	3.5	96.854.3503.3
	4.0	96.854.4003.3

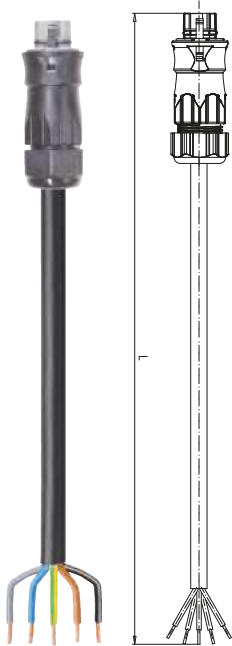
Cable diameter 14.3 mm ± 0.2
According to VDE 0281/T5 and
VDE 0288/T4

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.854.1033.3
	1.5	96.854.1533.3
	2.0	96.854.2033.3
	2.5	96.854.2533.3
	3.0	96.854.3033.3
	3.5	96.854.3533.3
	4.0	96.854.4033.3

Cable diameter 17.0 mm ± 0.3
According to VDE 0281/T5 and
VDE 0288/T4

Cable assemblies
Cable 5 x 4.0 mm²; 25 A

Connection cables male – free end



250/400V
concrete gray/black



Cable	Length m	Part No.
PVC cable H05VV-F containing halogen	1.0	96.854.1004.3
	1.5	96.854.1504.3
	2.0	96.854.2004.3
	2.5	96.854.2504.3
	3.0	96.854.3004.3
	3.5	96.854.3504.3
	4.0	96.854.4004.3

Cable diameter 14.3 mm ± 0.2
According to VDE 0281/T5 and
VDE 0288/T4

Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.0	96.854.1034.3
	1.5	96.854.1534.3
	2.0	96.854.2034.3
	2.5	96.854.2534.3
	3.0	96.854.3034.3
	3.5	96.854.3534.3
	4.0	96.854.4034.3

Cable diameter 17.0 mm ± 0.3
According to VDE 0281/T5 and
VDE 0288/T4



Also on our
You Tube channel



RST® CLASSIC

The new RST20i6 and i7

More poles for greater demands

Following the current trend, Wieland Electric continues to expand its **RST®** product range, presenting a 6- and 7-pole variant for the first time.

A total of three codings ensure both mechanical and color differentiation of the various circuits. To increase safety, a distinction is also drawn between applications with and without protective earth. The compact connectors with key data 250/400V; 600V UL/CSA, 20A, IP66/68 (3m; 2h)/69 offer high modularity and adaptability to the requirements of the application. Connectors are available in straight or angled versions, as well as for all common cable diameters. The range even includes connectors with 2 cable inputs for through-wiring. Both screw and crimp fittings are offered as the connection system.

As an interface to electrical devices, the system offers straight and angled adapters for all standard housing bores (for M16, M20, M25). All devices can therefore easily be converted to RST without changing tools.

Combination of one-phase systems (network) with signals and emergency light

Application example



General

Multi-functionality requires a higher number of poles.

The system components, rated for up to 20 A, can accommodate cables of up to a maximum 2.5 mm² and are available with screw or crimp fittings. The 6-pole variant is designed specifically for dimming emergency lights.

Different codings within the RST series allow a mechanical and visual separation from other circuits.

Coding

For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.				Application	250/400V
				Mechanical coding	L, N, ⊕, 1, 2, Ls
Name	Description	Connection system	Strain-relief housing	Connection points per pole	turquoise
Connector	1x cable guide	Screw Crimp	yes	1	✓
	2x cable guide	Screw Crimp fitting	yes	1	✓
Distributors	RST compact splitter/ multi-splitter				on request
	Individual distribution box				on request
Device connectors	Device connector M16, modular, straight			1	✓
	Device connector M16, modular, 7° angled			1	✓
	Device connector M25, standard			1	
	Device connector M25, modular, straight			1	✓
	Device connector M20, modular, straight			1	✓
	Device connector M20, modular, angled			1	✓
	Device connector M25, modular, angled			1	✓
Cable assemblies	Device connector cable Male – free end	pre-assembled	pre-assembled	pre-assembled	on request
	Connection cable Female – free end	pre-assembled	pre-assembled	pre-assembled	on request
	Extension cable Male – female	pre-assembled	pre-assembled	pre-assembled	on request

Connector, straight

For cables Ø 6 - 10 mm and 10 - 14 mm

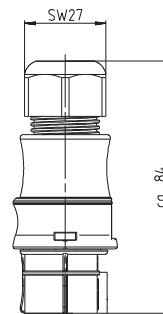
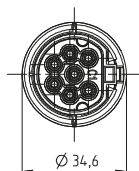
Female connector

Unmounted with screwed cable gland.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	0.2 - 2.5
Fine stranded	
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color
250/400V		6 - 10	turquoise
		10 - 14	

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.061.4053.6	9L.061.4053.6
96.061.4153.6	9L.061.4153.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.161.0053.6	9L.161.0053.6
96.161.0153.6	9L.161.0153.6

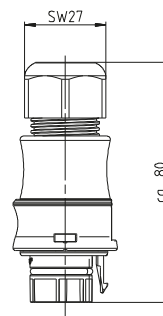
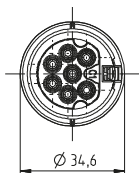
Male connector

Unmounted with screwed cable gland and lock.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	0.2 - 2.5
Fine stranded	
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color
250/400V		6 - 10	turquoise
		10 - 14	

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.062.4053.6	on request
96.062.4153.6	on request

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.162.0053.6	on request
96.162.0153.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Connector, angled 90°

For cables Ø 6 - 10 mm and 10 - 14 mm

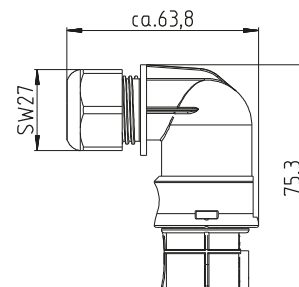
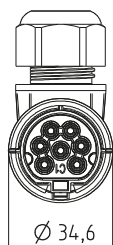
Female connector

Unmounted with screwed cable gland, 90° angle.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color
250/400V	 L, N, PE, 1, 2, LS	6 - 10 10 - 14	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.063.4053.6	9L.063.4053.6
96.063.4153.6	9L.063.4153.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.161.0053.6	9L.163.0053.6
96.163.0153.6	9L.163.0153.6

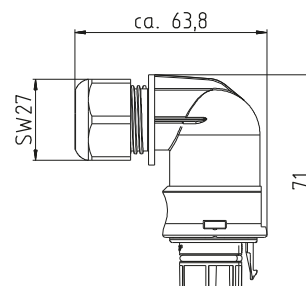
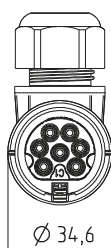
Male connector

Unmounted with screwed cable gland and lock.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color
250/400V	 L, N, PE, 1, 2, LS	6 - 10 10 - 14	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.064.4053.6	on request
96.064.4153.6	on request

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.164.0053.6	on request
96.164.0153.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

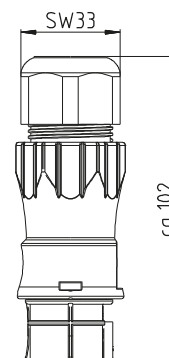
Connector, straight

For cables Ø 13 - 18 mm

Female connector

Unmounted with screwed cable gland.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

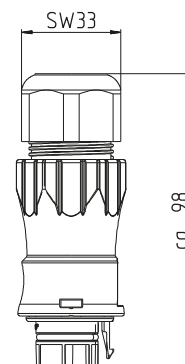
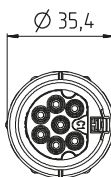
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		13 - 18	turquoise	96.061.4553.6	9L.061.4553.6	96.161.0553.6	9L.161.0553.6

Male connector

Unmounted with screwed cable gland and lock.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		13 - 18	turquoise	96.062.4553.6	on request	96.162.0553.6	on request

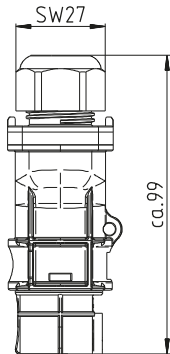
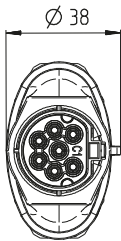
¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Connector with double connection, straight
For cables Ø 6 - 10 mm and 10 - 14 mm

Female connector

Unmounted with screwed cable gland.
With or without contact seal.

For stripping lengths, refer to Technical Specifications.

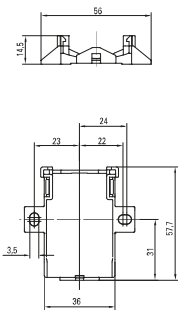


With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 1.5 (without ferrules)
Stranded	

Application	Coding	Ø cable mm	Color	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾
250/400V		6 - 10	turquoise	96.061.4253.6	on request
		10 - 14		96.061.4353.6	on request

Mounting plate for splitter connectors



Color	Part No.
■ light gray	01.006.1553.0
■ black	01.006.1553.1

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M25

straight, modular

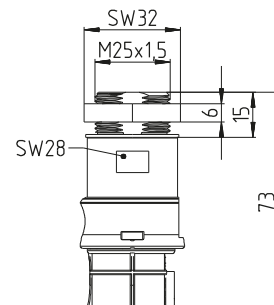
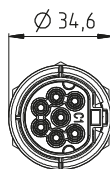
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

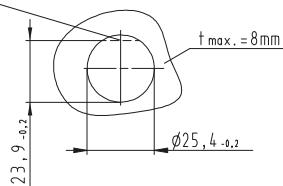
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.061.6253.6	9L.061.6253.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.161.2253.6	9L.161.2253.6

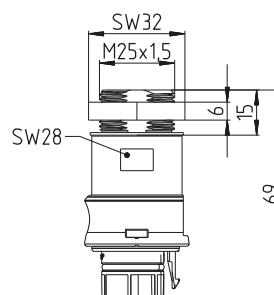
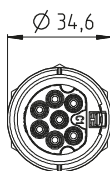
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

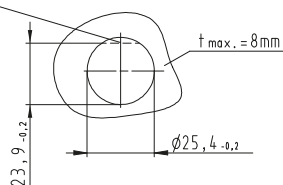
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.062.6253.6	9L.062.6253.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.162.2253.6	9L.162.2253.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M20

straight, modular

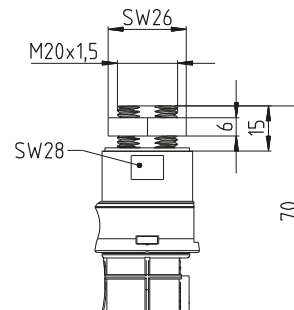
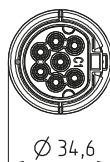
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

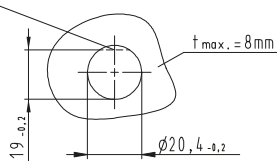
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Sstranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.061.6053.6	9L.061.6053.6	96.161.2053.6	9L.161.2053.6

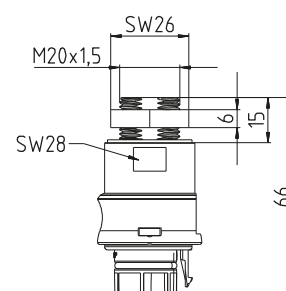
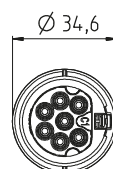
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

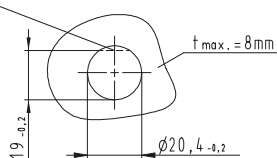
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.062.6053.6	9L.062.6053.6	96.162.2053.6	9L.162.2053.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M16

straight, modular

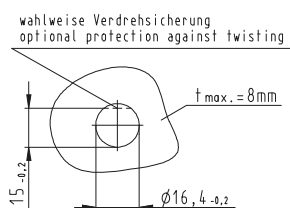
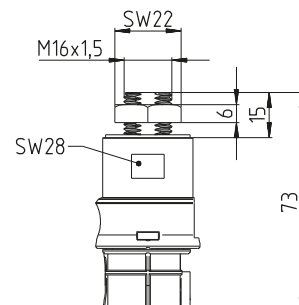
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	L, N, PE 1, 2, LS	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.061.6153.6	9L.061.6153.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.161.2153.6	9L.161.2153.6

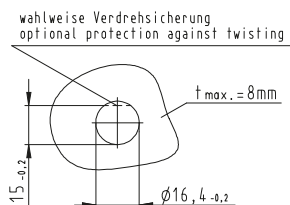
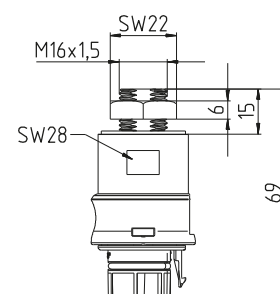
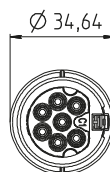
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	L, N, PE 1, 2, LS	turquoise

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.062.6153.6	9L.062.6153.6

Part No.	Part No.
Without contact seal	With contact seal ¹⁾
96.162.2153.6	9L.162.2253.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M16

angled 7°, modular

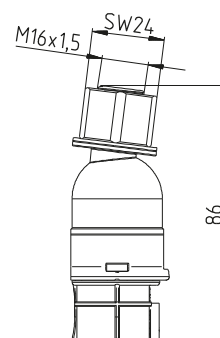
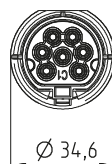
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

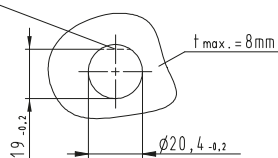
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.065.6153.6	Upon request	96.165.2153.6	Upon request

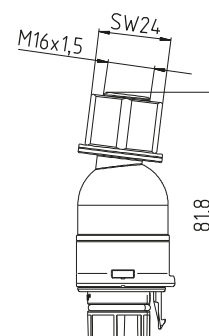
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

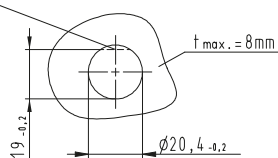
With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.066.6153.6	Upon request	96.166.2153.6	Upon request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M20 angled 90°, modular

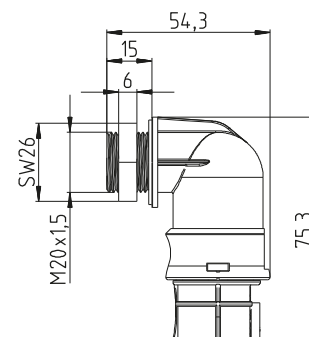
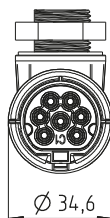
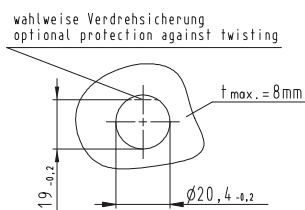
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, Ls	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.063.6053.6	on request	96.163.2053.6	on request

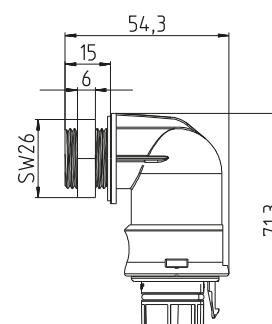
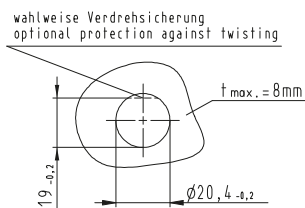
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, ⊕, 1, 2, Ls	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.064.6053.6	on request	96.164.2053.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M25

angled 90°, modular

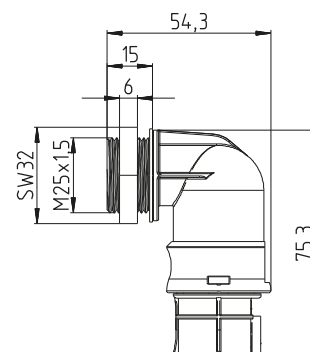
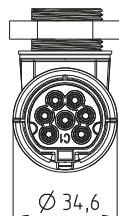
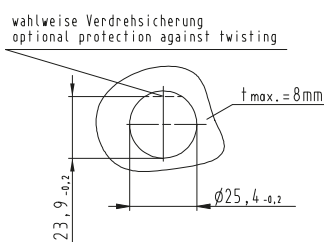
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.063.6253.6	on request	96.163.2253.6	on request

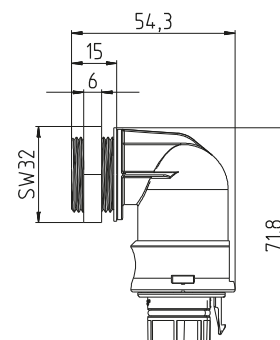
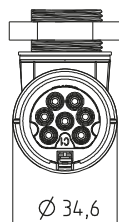
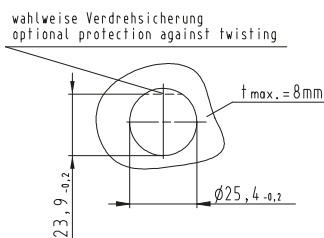
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.

With or without contact seal.

Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.




With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color
250/400V	 L, N, 1, 2, LS	turquoise

Part No.	Part No.	Part No.	Part No.
Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
96.064.6253.6	on request	96.164.2253.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector



Also on our
You Tube channel



RST® CLASSIC

Combination of multi-phase systems (network) with signals, protection class II

Application example



























General

Multi-functionality requires a higher number of poles.

The system components, rated for up to 20 A, can accommodate cables of up to a maximum 2.5 mm² and are available with screw or crimp fittings. The 7-pole variants are available with a total of 3 codings.

Different codings within the RST series allow a mechanical and visual separation from other circuits.

Coding

For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in eShop.				Application	250/400V		250/400V	250/400V
				Mechanical coding	1, 2, 3, 4/N, 5, 6, ⊕ 		1, 2, 3, 4/N, 5, 6, 7 	L, N, ⊕, 1, 2, 3, 4 
					light gray	black	light blue	turquoise
Name	Description	Connection system	Strain-relief housing	Connection points per pole				
Connector	1x cable guide	Screw Crimp	yes	1				
	2x cable guide	Screw Crimp	yes	1				
Distributors	RST compact splitter/ multi-splitter							
	Individual distribution box				on request	on request	on request	on request
Device connectors	Device connector M16, modular, straight							
	Device connector M16, modular, 7° angled							
	Device connector M25, standard							
	Device connector M25, modular, straight							
	Device connector M20, modular, straight							
	Device connector M20, modular, angled							
	Device connector M25, modular, angled							
Cable assemblies	Device connector cable Male – free end	pre-assembled	pre-assembled	pre-assembled	on request	on request	on request	on request
	Connection cable Female – free end	pre-assembled	pre-assembled	pre-assembled	on request	on request	on request	on request
	Extension cable Male – female	pre-assembled	pre-assembled	pre-assembled	on request	on request	on request	on request

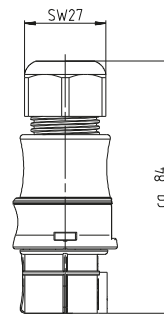
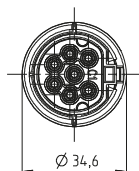
Connector, straight

For cables Ø 6 - 10 mm and 10 - 14 mm

Female connector

Unmounted with screwed cable gland.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

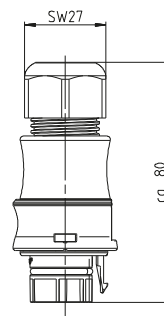
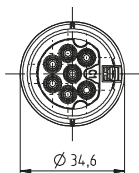
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V	1, 2, 3, 4/N, 5, 6, 7	6 – 10	light gray	96.071.4053.0	9L.071.4053.0	96.171.0053.0	9L.171.0053.0
			black	96.071.4053.1	9L.071.4053.1	96.171.0053.1	9L.171.0053.1
		10 – 14	light gray	96.071.4153.0	9L.071.4153.0	96.171.0153.0	9L.171.0153.0
			black	96.071.4153.1	9L.071.4153.1	96.171.0153.1	9L.171.0153.1
	1, 2, 3, 4/N, 5, 6, 7	6 – 10	light blue	96.071.4053.9	9L.071.4053.9	96.171.0053.9	9L.171.0053.9
				96.071.4153.9	9L.071.4153.9	96.171.0153.9	9L.171.0153.9
		6 – 10	turquoise	96.071.4053.6	9L.071.4053.6	96.171.0053.6	9L.171.0053.6
				96.071.4153.6	9L.071.4153.6	96.171.0153.6	9L.171.0153.6

Male connector

Unmounted with screwed cable gland and lock.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Multi-stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V	1, 2, 3, 4/N, 5, 6, 7	6 – 10	light gray	96.072.4053.0	on request	96.172.0053.0	on request
			black	96.072.4053.1	on request	96.172.0053.1	on request
		10 – 14	light gray	96.072.4153.0	on request	96.172.0153.0	on request
			black	96.072.4153.1	on request	96.172.0153.1	on request
	1, 2, 3, 4/N, 5, 6, 7	6 – 10	light blue	96.072.4053.9	on request	96.172.0053.9	on request
				96.072.4153.9	on request	96.172.0153.9	on request
		6 – 10	turquoise	96.072.4053.6	on request	96.172.0053.6	on request
				96.072.4153.6	on request	96.172.0153.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

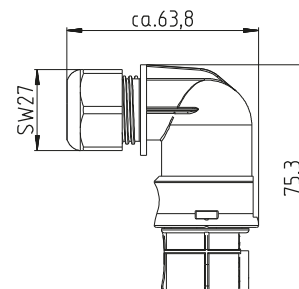
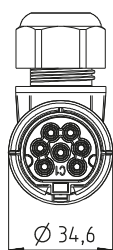
Connector, straight

For cables Ø 6 - 10 mm and 10 - 14 mm

Female connector

Unmounted with screwed cable gland. 90° angle
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.





With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Multi-stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

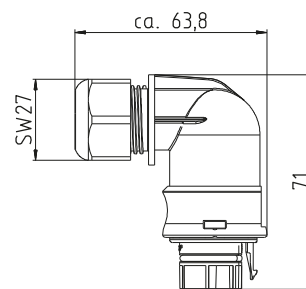
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V	 1, 2, 3, 4/N, 5, 6, ⊕	6 – 10	light gray	96.073.4053.0	9L.073.4053.0	96.173.0053.0	9L.173.0053.0
			black	96.073.4053.1	9L.073.4053.1	96.173.0053.1	9L.173.0053.1
		10 – 14	light gray	96.073.4153.0	9L.073.4153.0	96.173.0153.0	9L.173.0153.0
			black	96.073.4153.1	9L.073.4153.1	96.173.0153.1	9L.173.0153.1
	 1, 2, 3, 4/N, 5, 6, 7	6 – 10	light blue	96.073.4053.9	9L.073.4053.9	96.173.0053.9	9L.173.0053.9
				96.073.4153.9	9L.073.4153.9	96.173.0153.9	9L.173.0153.9
		10-14		96.073.4053.6	9L.073.4053.6	96.173.0053.6	9L.173.0053.6
				96.073.4153.6	9L.073.4153.6	96.173.0153.6	9L.173.0153.6

Male connector

Unmounted with screwed cable gland and lock.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.





With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Multi-stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V	 1, 2, 3, 4/N, 5, 6, ⊕	6 – 10	light gray	96.074.4053.0	on request	96.174.0053.0	on request
			black	96.074.4053.1	on request	96.174.0053.1	on request
		10 – 14	light gray	96.074.4153.0	on request	96.174.0153.0	on request
			black	96.074.4153.1	on request	96.174.0153.1	on request
	 1, 2, 3, 4/N, 5, 6, 7	6 – 10	light blue	96.074.4053.9	on request	96.174.0053.9	on request
				96.074.4153.9	on request	96.174.0153.9	on request
		10-14		96.074.4053.6	on request	96.174.0053.6	on request
				96.074.4153.6	on request	96.174.0153.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

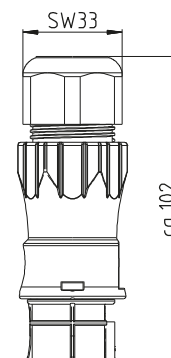
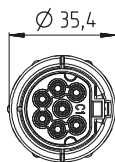
Connector, straight

For cables Ø 13 - 18 mm

Female connector

Unmounted with screwed cable gland.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

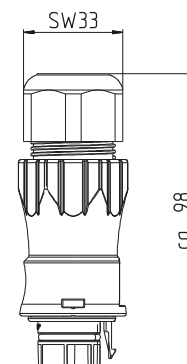
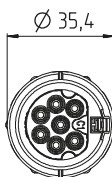
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	13 – 18	light gray black	96.071.4553.0 96.071.4553.1	9L.071.4553.0 9L.071.4553.0	96.171.0553.0 96.171.0553.1
		1, 2, 3, 4/N, 5, 6, 7	13 – 18	light blue	96.071.4553.9	9L.071.4553.9	96.171.0553.9
		L, N, ⊕, 1, 2, 3, 4	13 – 18	turquoise	96.071.4553.6	9L.071.4553.6	96.171.0553.6

Male connector

Unmounted with screwed cable gland and lock.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Ø cable mm	Color	Part No.	Part No.	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	13 – 18	light gray black	96.072.4553.0 96.072.4553.1	on request on request	96.172.0553.0 96.172.0553.1
		1, 2, 3, 4/N, 5, 6, 7	13 – 18	light blue	96.072.4553.9	on request	96.172.0553.9
		L, N, ⊕, 1, 2, 3, 4	13 – 18	turquoise	96.072.4553.6	on request	96.172.0553.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Connector with double connection, straight
For cables Ø 6 - 10 mm and 10 - 14 mm

Female connector




Unmounted with screwed cable gland.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.

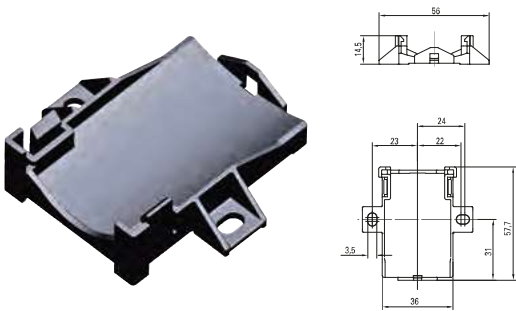


With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2-1.5 (without ferrules)
Stranded	

Application	Coding	Ø cable mm	Color	Part No.	Part No.
				Without contact seal	With contact seal ¹⁾
250/400V		6 – 10	light gray	96.071.4253.0	on request
			black	96.071.4253.1	on request
		10 – 14	light gray	96.071.4353.0	on request
			black	96.071.4353.1	on request
		6 – 10	light blue	96.071.4253.9	on request
		10-14		96.071.4353.9	on request
		6 – 10	turquoise	96.071.4253.6	on request
		10-14		96.071.4353.6	on request

Mounting plate for splitter connectors



Color	Part No.
■ light gray	01.006.1553.0
■ black	01.006.1553.1

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

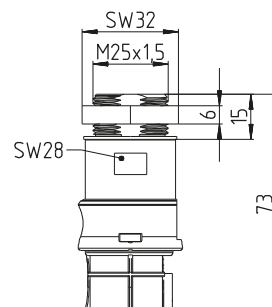
Device connector M25

straight, modular

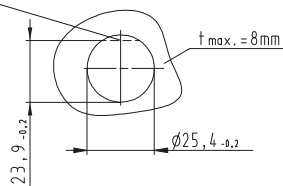
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

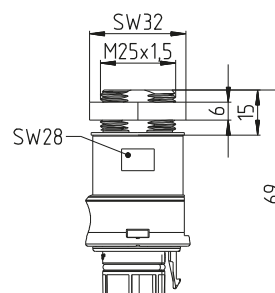
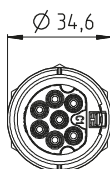
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.071.6253.0	9L.071.6253.0	96.171.2253.0	9L.171.2253.0
			96.071.6253.1	9L.071.6253.1	96.171.2253.1	9L.171.2253.1
		light blue	96.071.6253.9	9L.071.6253.9	96.171.2253.9	9L.171.2253.9
		turquoise	96.071.6253.6	9L.071.6253.6	96.171.2253.6	9L.171.2253.6

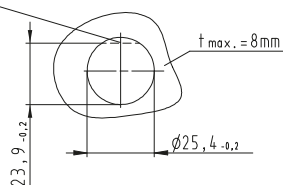
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.072.6253.0	9L.072.6253.0	96.172.2253.0	9L.172.2253.0
			96.072.6253.1	9L.072.6253.1	96.172.2253.1	9L.172.2253.1
		light blue	96.072.6253.9	9L.072.6253.9	96.172.2253.9	9L.172.2253.9
		turquoise	96.072.6253.6	9L.072.6253.6	96.172.2253.6	9L.172.2253.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

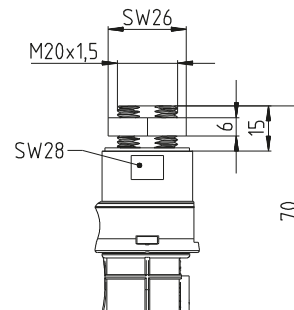
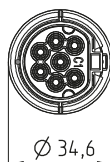
Device connector M20

straight, modular

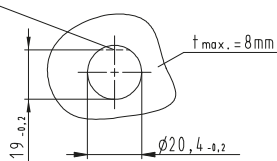
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

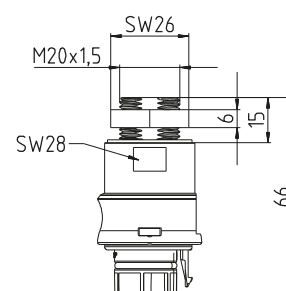
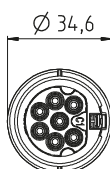
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	96.071.6053.0	9L.071.6053.0	96.171.2053.0	9L.171.2053.0
			96.071.6053.1	9L.071.6053.1	96.171.2053.1	9L.171.2053.1
		1, 2, 3, 4/N, 5, 6, 7	96.071.6053.9	9L.071.6053.9	96.171.2053.9	9L.171.2053.9
		L, N, ⊕, 1, 2, 3, 4	96.071.6053.6	9L.071.6053.6	96.171.2053.6	9L.171.2053.6

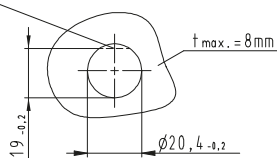
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	96.072.6053.0	9L.072.6053.0	96.172.2053.0	9L.172.2053.0
			96.072.6053.1	9L.072.6053.1	96.172.2053.1	9L.172.2053.1
		1, 2, 3, 4/N, 5, 6, 7	96.072.6053.9	9L.072.6053.9	96.172.2053.9	9L.172.2053.9
		L, N, ⊕, 1, 2, 3, 4	96.072.6053.6	9L.072.6053.6	96.172.2053.6	9L.172.2053.6

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

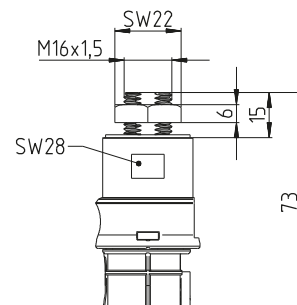
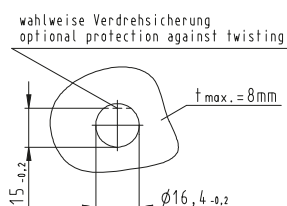
Device connector M16

straight, modular

Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

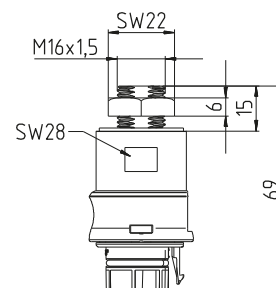
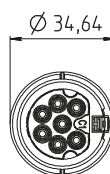
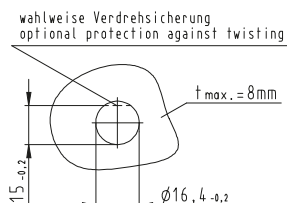
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.071.6153.0	9L.071.6153.0	96.171.2153.0	9L.171.2153.0
			96.071.6153.1	9L.071.6153.1	96.171.2153.1	9L.171.2153.1
		light blue	96.071.6153.9	9L.071.6153.9	96.171.2153.9	9L.171.2153.9
		turquoise	96.071.6153.6	9L.071.6153.6	96.171.2153.6	9L.171.2153.6

Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.072.6153.0	9L.072.6153.0	96.172.2153.0	9L.172.2153.0
			96.072.6153.1	9L.072.6153.1	96.172.2153.1	9L.172.2153.1
		light blue	96.072.6153.9	9L.072.6153.9	96.172.2153.9	9L.172.2153.9
		turquoise	96.072.6153.6	9L.072.6153.6	96.172.2153.6	9L.172.2153.6

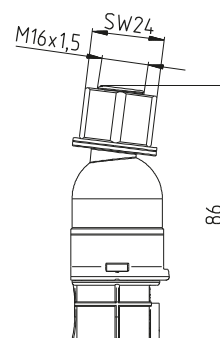
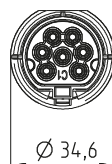
¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M16 angled 7°, modular

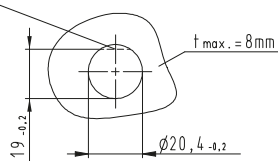
Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting





With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

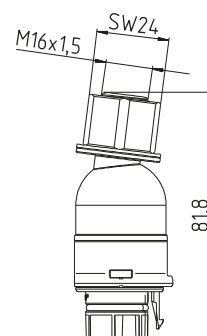
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.	
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾	
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	light gray black	96.075.6153.0 96.075.6153.1	on request on request	96.175.2153.0 96.175.2153.1	on request on request
		1, 2, 3, 4/N, 5, 6, 7	light blue	96.075.6153.9	on request	96.175.2153.9	on request
		L, N, ⊕, 1, 2, 3, 4	turquoise	96.075.6153.6	on request	96.175.2153.6	on request

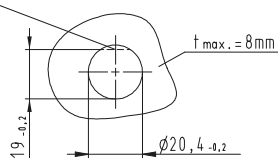
Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



wahlweise Verdrehsicherung
optional protection against twisting






With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.	
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾	
250/400V		1, 2, 3, 4/N, 5, 6, ⊕	light gray black	96.076.6153.0 96.076.6153.1	on request on request	96.176.2153.0 96.176.2153.1	on request on request
		1, 2, 3, 4/N, 5, 6, 7	light blue	96.076.6153.9	on request	96.176.2153.9	on request
		L, N, ⊕, 1, 2, 3, 4	turquoise	96.076.6153.6	on request	96.176.2153.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

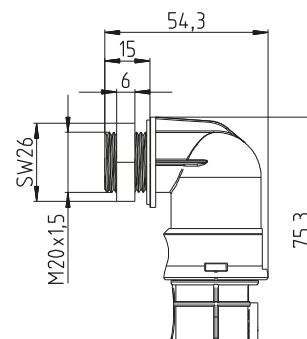
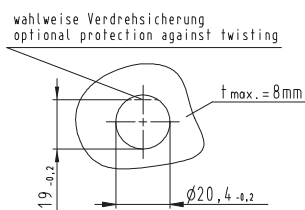
Device connector M20

angled 90°, modular

Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

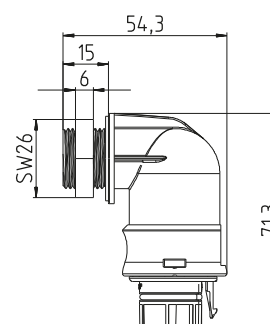
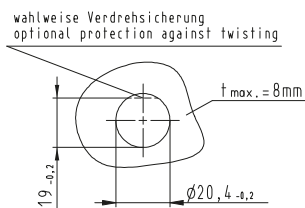
Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.073.6053.0	on request	96.173.2053.0	on request
		light blue	96.073.6053.1	on request	96.173.2053.1	on request
		turquoise	96.073.6053.9	on request	96.173.2053.9	on request
			96.073.6053.6	on request	96.173.2053.6	on request

Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray black	96.074.6053.0	on request	96.174.2053.0	on request
		light blue	96.074.6053.1	on request	96.174.2053.1	on request
		turquoise	96.074.6053.9	on request	96.174.2053.9	on request
			96.074.6053.6	on request	96.174.2053.6	on request

¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Device connector M25

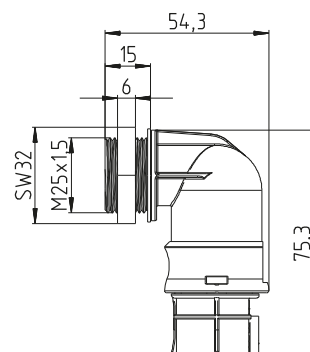
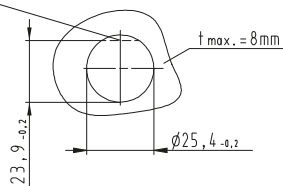
angled 90°, modular

Female connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.

wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

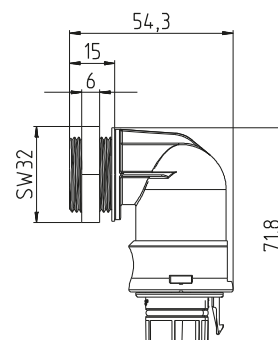
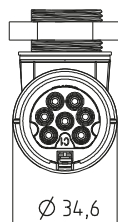
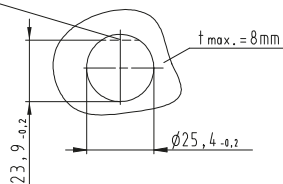
Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray	96.073.6253.0	on request	96.173.2253.0	on request
		black	96.073.6253.1	on request	96.173.2253.1	on request
		light blue	96.073.6253.9	on request	96.173.2253.9	on request
		turquoise	96.073.6253.6	on request	96.173.2253.6	on request

Male connector

Position fixing guaranteed by flattening the thread. Screwed from inside.
With or without contact seal.
Crimp contacts separate, Accessories.

For stripping lengths, refer to Technical Specifications.

wahlweise Verdrehsicherung
optional protection against twisting



With screw connection

Cables	mm ²
Rigid	
Fine stranded	0.2 - 2.5
Stranded	
Cables with 2.5 mm ² only without ferrules	

With crimp connection

Cables	mm ²
Fine stranded	0.75-2.5

Application	Coding	Color	Part No.	Part No.	Part No.	Part No.
			Without contact seal	With contact seal ¹⁾	Without contact seal	With contact seal ¹⁾
250/400V		light gray	96.074.6253.0	on request	96.174.2253.0	on request
		black	96.074.6253.1	on request	96.174.2253.1	on request
		light blue	96.074.6253.9	on request	96.174.2253.9	on request
		turquoise	96.074.6253.6	on request	96.174.2253.6	on request

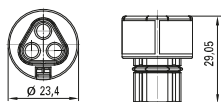
¹⁾ When using connectors with contact sealing, use only one connector with contact sealing – either male or female connector

Cover pieces for 2-/3-pole

For the safe closure of female and male connectors.

With mounting strap for snapping onto plug connectors and device connectors

for female



not captive against loss

Color

■ light gray

■ black

for female

Part No.

Z5.564.4553.0

Z5.564.4553.1

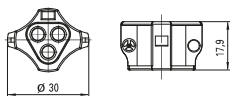
for male

Part No.

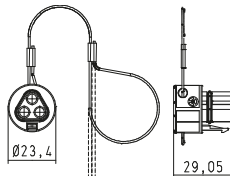
05.564.4453.0

05.564.4453.1

for male



for female



captive against loss

Color

■ light gray

■ black

for female

Part No.

99.413.6205.2

99.414.6205.2

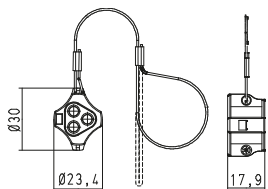
for male

Part No.

99.415.6205.2

99.416.6205.2

for male



Crimp contacts for 2-/3-pole

Female contacts



Name	Marking	(groove) mm ²	Part No.
Female crimp contact	1	0.75 – 1.0	02.122.9000.0
Female crimp contact	unmarked	1.5	02.122.9100.0
Female crimp contact	1	2.5	02.122.9200.0
Female crimp contact	unmarked	4.0	02.122.9300.0
Male crimp contact	1	0.75 – 1.0	05.544.7800.0
Male crimp contact	unmarked	1.5	05.544.7900.0
Male crimp contact	1	2.5	05.544.8000.0
Male crimp contact	unmarked	4.0	05.545.4600.0

Male contacts



Cover pieces for 4-/5-pole

For the safe closure of female and male connectors.

With mounting strap for snapping onto plug connectors and device connectors

for female



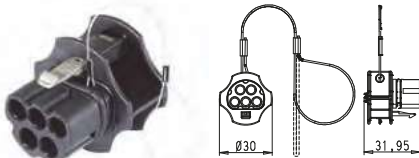
for male



not captive against loss

Color	for female	for male
■ light gray	Part No. Z5.565.9853.0	Part No. 05.565.9953.0
■ black	Part No. Z5.565.9853.1	Part No. 05.565.9953.1

for female



for male



captive against loss

Color	for female	for male
■ light gray	Part No. 99.529.0000.7	Part No. 99.531.0000.7
■ black	Part No. 99.530.0000.7	Part No. 99.532.0000.7

Crimp contacts for 4-/5-pole

Female contact



Male contact



Name	Marking	(groove) mm ²	Part No.
Female contact	None	0.75 – 1.0	02.125.5521.8
Female contact	1	1.5	02.125.5621.8
Female contact	2	2.5	02.125.5721.8
Female contact	3	4.0	02.125.5821.8
Male contact	None	0.75 – 1.0	05.545.0021.8
Male contact	1	1.5	05.545.0121.8
Male contact	2	2.5	05.545.0221.8
Male contact	3	4.0	05.545.0321.8

Cover pieces for 6-/7-pole

For the safe closure of female and male connectors.
With mounting strap for snapping onto plug connectors and device connectors

for female



for male



for female



for male



not captive against loss

Color
■ black

for female	for male
Part No. Z5.569.5253.1	Part No. Z5.569.5353.1

captive against loss

Color
■ black

for female	for male
Part No. 99.589.0000.7	Part No. 99.591.0000.7

Crimp contacts for 6-/7-pole

Female contact



Male contact



Name	Marking	(groove) mm ²	Part No.
Female contact	None	0.75 – 1.0	02.127.1121.8
Female contact	1	1.5	02.127.1221.8
Female contact	2	2.5	02.127.1321.8
Male contact	None	0.75 – 1.0	05.546.3921.8
Male contact	1	1.5	05.546.4021.8
Male contact	2	2.5	05.546.4121.8

Crimping tool



Name	Part No.
Crimping tool incl. system kit	95.101.0800.0
Crimping die B	05.502.2100.0
Contact positioner	05.502.3600.0

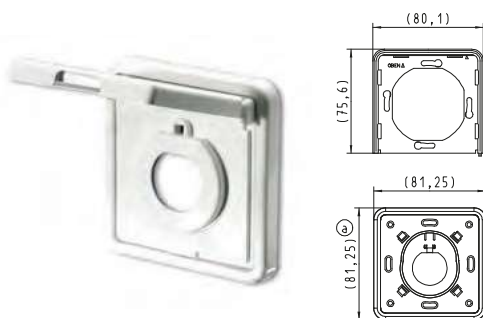
Unlocking tool for crimp contacts



Name	Part No.
Unlocking tool	05.502.3500.0

Socket frame for device connectors M25 straight (female)

Protection rating:	IP 44
RST approval:	2PfG1915, EN61535
Entry:	2- up to 5-pole

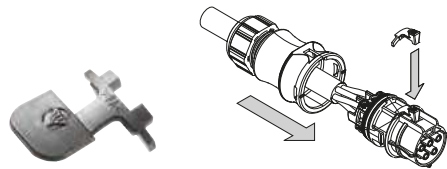


Color	Part No.
<input type="checkbox"/> white	99.400.9999.7



Manual disconnect tool
Retrofitting of plug connectors (female only)

Poles 2- up to 5-pole

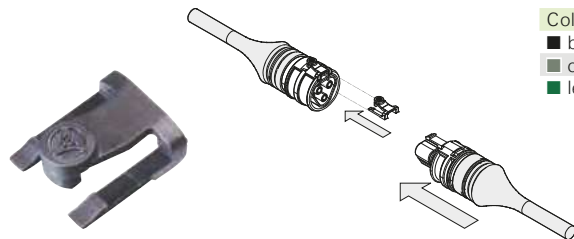


Color	Part No.
■ black	05.564.8653.1
■ concrete gray	05.564.8653.3
■ leaves green	05.564.8653.7

With the manual disconnect tool, only one button must be pressed to easily disconnect the connections.
Also see the Mounting Instructions!

Manual disconnect tool
Retrofitting of pre-assembled cables

Cable Model RST20i2, RST20i3
shrinkage tube



Color	Part No.
■ black	05.565.8653.1
■ concrete gray	05.565.8653.3
■ leaves green	05.565.8653.7

With the manual disconnect tool, only one button must be pressed to easily disconnect the connections.
Also see the Mounting Instructions!

Manual disconnect tool for 6-/7-pole



Name	Part No.
Manual disconnect tool	06.562.8753.0

Locking slide - Safety Clip

for replacement need, delivery quantity 100 pieces



Color	Part No.
■ black	05.583.2900.1
■ concrete gray	05.583.2900.3

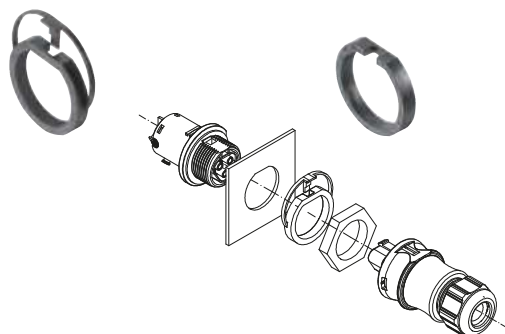
Note: The locking devices are integrated in the according plug parts at the factory. They click audibly when plugged in, confirming the safe connection. They are by default loosened with a screw driver or with the manual disconnect facility (can be ordered separately). In case of excessive tension on the connection these will loosen, however, to prevent hazards by wires pulled out of the contacts. This safety mechanism will lead to wear or destroy the slider, which should be replaced after having been activated several times.

Spacer ring for device connector M25,
female connector 2- up to 5-pole

for replacement need

Manually actuated

Screwdriver actuated



	manually actuated	with screwdriver
Color	Part No.	Part No.
■ light gray	05.568.8853.0	05.566.5253.0
■ black	05.568.8853.1	05.566.5253.1

A spacer ring makes it possible to unlock a connection at the device connector (female).

Ferrule crimping tool
for termination points with spring clamp technology

Cable end sleeves 0.08 – 6.0 mm², AWG 28 – 10
Total length 174 mm
Square compression; releasable latch; compression adjustable



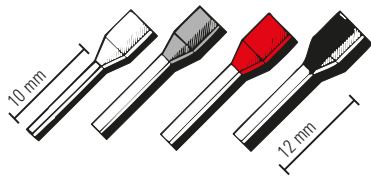
Name	Part No.
Ferrule crimping tool	95.101.1300.0

Cable end sleeves

Materials
Sleeve Polypropylene
Temperature resistance up to 105 °C, tracking resistant
Tube E-Cu, galvanically tin-plated

for RST 20i3 spring clamp connectors

Insulating sleeve Yes
for wires
0.50 mm² DIN 46228-E0,5-10
0.75 mm² DIN 46228-E0,75-12
1.00 mm² DIN 46228-E1,0-12
1.50 mm² DIN 46228-E1,5-12



Name	mm²	Color	Part No.
Cable end sleeves	0.50	white	06.600.3827.0
Cable end sleeves	0.75	gray	06.600.3727.0
Cable end sleeves	1.00	red	06.600.3627.0
Cable end sleeves	1.50	black	06.600.3927.0

Screwdriver
according to DIN 5264

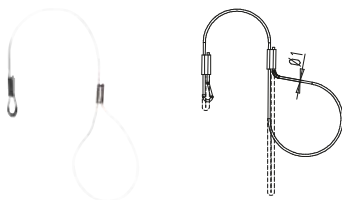
for RST spring clamp connections
Blade 0.4 x 2.5 mm



Name	Part No.
Screwdriver	06.502.4300.0

Fastening cord

for cover pieces 2-/3-pole & 4-/5-polig



Color	Part No.
■ light gray	99.000.9950.6

Sample kit RST 20i3

getting to know

Contents:

- Connector
- Device connector
- Cover pieces



Name

Sample set RST 20i3

Part No.

99.429.0000.0

Sample kit RST 20i5

getting to know

Contents:

- Connector
- Device connector
- Cover pieces



Name

Sample kit RST 20i5

Part No.

99.430.0000.0

Sample kit RST 20i7

getting to know

Contents:

- Connector
- Device connector
- Cover pieces



Name

Sample kit RST 20i7

Part No.

99.696.0000.0

Sample kit RST 20i2...i7

getting to know

Contents:

- Connectors, including all codings
- Device connectors
- Pre-assembled cables
- Distributors
- Cover pieces



Name

Sample set RST 20i2...i7 complete kit

Part No.

99.431.0000.0

Sample set RST 20i3
getting to know

Contents:	1x X6.030.0153.1
	1x X6.031.1053.0
	1x X6.031.1053.1
	1x X6.032.1053.0
	1x X6.032.1053.1



Name	Part No.
ATEX , IECEx RST20i3	99.663.0000.0

Sample set RST 20i5
getting to know

Contents:	1x X6.051.4153.0
	1x X6.052.4153.0
	1x X6.051.5053.1
	1x X6.052.5053.0



Name	Part No.
ATEX RST20i5	99.664.0000.0

Technical data **RST**[®] CLASSIC

	RST 20i2/i3	RST 25i3	RST 20i4/i5	RST 25i5	RST 20i6/i7
Rated voltage	250/400V	250V	250/400V	250/400V	250/400V
Rated current	20 A	25 A 32 A (with 6.0 mm ²)	20 A	25 A 32 A (with 6.0 mm ²)	20 A (3 x 20 A; 4 x 5 A) no defining of poles
Number of poles	2- or 3-poles	3-poles	4- or 5-poles	5-poles	6- or 7-poles

Operating temperature:	-40° C to +100° C H05VV cable max 70 °C, H07RN-F max. 60 °C, H07 RN-F enhanced 90 °C
Material:	Contact parts: brass, surface-treated Housing parts: polyamide, halogen-free, V2 Sealing material: NBR
Regulations:	IEC 61535 (VDE 0606); DIN EN 61984 (VDE 0627); VDE 0110 IEC 60999: UL 2238; CSA: C22.2 No.182.2-M1987; LR Type Approval System 2 PfG 1915
Pollution severity:	3 (when connected)
Degree of protection:	IP66/68 (3m; 2h)/69, barrier seal optional at RST20i6/7 Pre-assembled cable as a shrink hose variant IP66/ 68 (3m; 2h) The installation instructions must be observed (see page with installation instructions)
IK code:	IK 07 (2 Joule)
Plugging cycles:	100x without load and 50x under nominal load (cos φ = 0.6) as per IEC 61535 RST20i2/3 / RST25i3 provide up to 5,000 plugging cycles and RST20i4/5 / RST25i5 up to 3,000 plugging cycles without load. After approx. 600 plugging cycles, however, the sealing should be checked and, if required, re-lubricated with a suitable lubricant (e.g. Berulub FR 43 UV).
Glow-wire test:	RST20i2-i5/RST25i3/i5: with 850° C, 30 s RST20i6/i7: with 960° C, 30 s for connectors, distribution units, cable assemblies and device connectors
Coding:	Mechanical coding symbolized by color code. Color gray and black with the same mechanical coding. Other codings are optional.
Approvals:	VDE; TÜV Rheinland; LR; GL; DNV; RINA; BV; ATEX; IECEx; cULus; CSA**; UL* (observe conditions of acceptability) * without cable assemblies in shrinkage tube technology and connectors with spring clamp technology ** without cable assemblies in shrinkage tube technology You can find the direct assignment of approvals and part numbers in the internet in the eShop under http://eshop.wieland-electric.com , or consult us.

Note: Protection against shock generally guaranteed even when disconnected. Ground conductor leading. Connection to the live cable must be with a female connector according to the regulations.
It is therefore not possible to have a ring circuit arrangement.
Only pluggable in the correct pole configuration; 1 pole cannot be connected.
Contacts protected against strain on the cable. All components can be interlocked.

A locking device is required for IEC 6153 approval.
DIN VDE 0606 T200 conformity does not automatically exclude the danger of confusion with third-party installation plug connector systems! Installation plug connector systems are no substitute for national plug/outlet systems for domestic use.
IEC 60364-5-52 must be observed – see note under "Electrical installations with increased degree of protection".

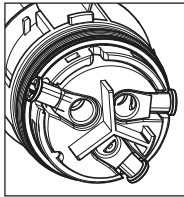
Wire preparation

Sheath stripping and insulation removal lengths

RST 2- /3-pole

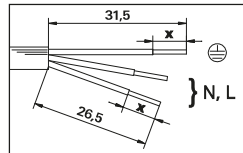
all lengths indicated in mm

Screw connection:

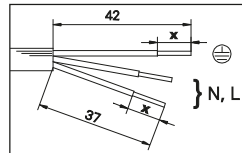


Screwdriver
PZ1
Rated torque:
0.8 – 1.0 Nm

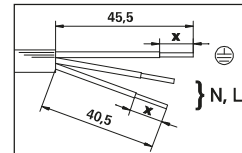
Connector
6 – 10 mm
10 – 14 mm



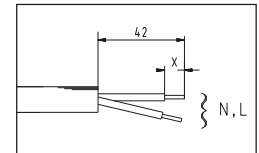
Connector
13 – 18 mm



Splitter connector, 3-pole
max. 2 x 2.5 mm²



Splitter connector, 2-pole
max. 2 x 2.5 mm²



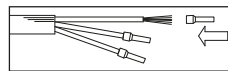
Insulation strip length X =

Conductor cross-section	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	AWG 12–18
solid	8	8	8	8	8	8	–
fine-stranded	8	8	8	8	8	8	–
stranded	8	8	8	8	8	8	8
ultrasonically compressed	8	8	8	8	8	8	–

Spring clamp connection:

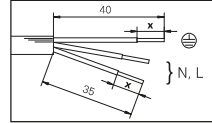


Fine-stranded and stranded wires

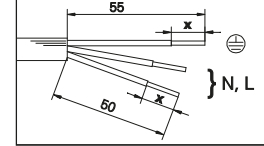


Ferrules required

Connector



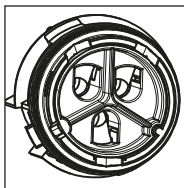
Splitter connector



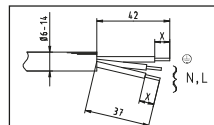
Insulation strip length X =

Conductor cross-section	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²
solid	14.5 + 1	14.5 + 1	14.5 + 1	14.5 + 1	14.5 + 1
fine-stranded	12.0 + 1	13.0 + 1	13.0 + 1	13.0 + 1	
Ferrules according to DIN	46228-E0.5-10	46228-E0.75-12	46228-E1.0-12	46228-E1.5-12	
stranded		13.0 + 1	13.0 + 1	13.0 + 1	
Ferrules according to DIN		46228-E0.75-12	46228-E1.0-12	46228-E1.5-12	
ultrasonically compressed	14.5 + 1	14.5 + 1		14.5 + 1	14.5 + 1

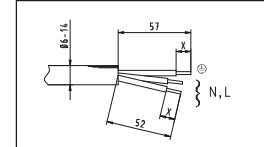
Crimp connection:



Connector 6 – 10 mm, 10 – 14 mm



Connector 13 – 18 mm



Insulation strip length X =

Conductor cross-section	0,75 mm ²	1,0 mm ²	1,5 mm ²	2,5 mm ²	4,0 mm ²
fine-stranded	8.0 + 1	8.0 + 1	8.0 + 1	8.0 + 1	8.0 + 1

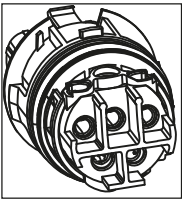
Wire preparation

Sheath stripping and insulation removal lengths

RST 4 /5-pole

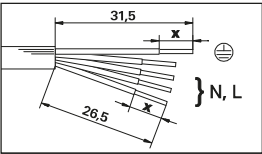
all lengths indicated in mm

Screw connection:

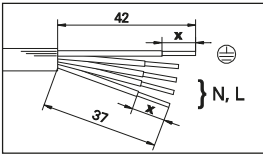


Screwdriver
PZ1
Rated torque:
0.5 – 0.7 Nm

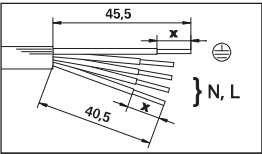
Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



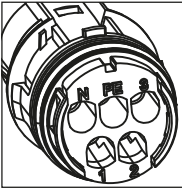
Splitter connector
max. 2 x 1.5 mm²



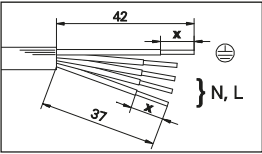
Insulation strip length X =

Conductor cross-section	0.75 mm²	1.0 mm²	1.5 mm²	2.5 mm²	4.0 mm²	6.0 mm²	AWG 12–18
solid	8	8	8	8	8	8	–
fine-stranded	8	8	8	8	8	8	–
stranded	8	8	8	8	8	8	8
ultrasonically compressed	8	8	8	8	8	8	–

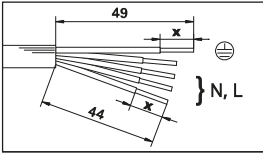
Crimp connection:



Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



Insulation strip length X =

Conductor cross-section	0,75 mm²	1,0 mm²	1,5 mm²	2,5 mm²	4,0 mm²
fine-stranded	7.0 + 1	7.0 + 1	7.0 + 1	7.0 + 1	7.0 + 1

Wire preparation

Sheath stripping and insulation removal lengths

RST 6 /7-pole

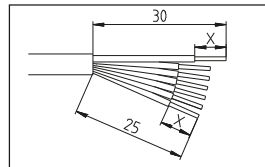
all lengths indicated in mm

Screw connection:

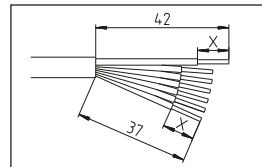


Screwdriver
PZ1
Rated torque:
0.5 – 0.7 Nm

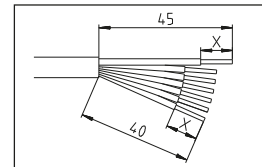
Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



Splitter connector
max. 2 x 1.5 mm²



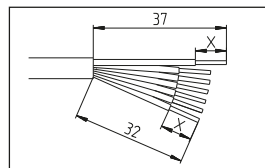
Insulation strip length X =

Conductor cross-section	0.2 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²	AWG 14–20
solid	8 *	8 *	8 *	8 *	8 *	8 **	8 *
fine-stranded	8 *	8 *	8 *	8 *	8 *	8 **	8 **

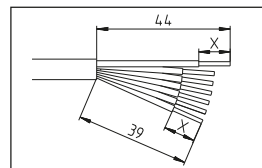
Crimp connection:



Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



Insulation strip length X =

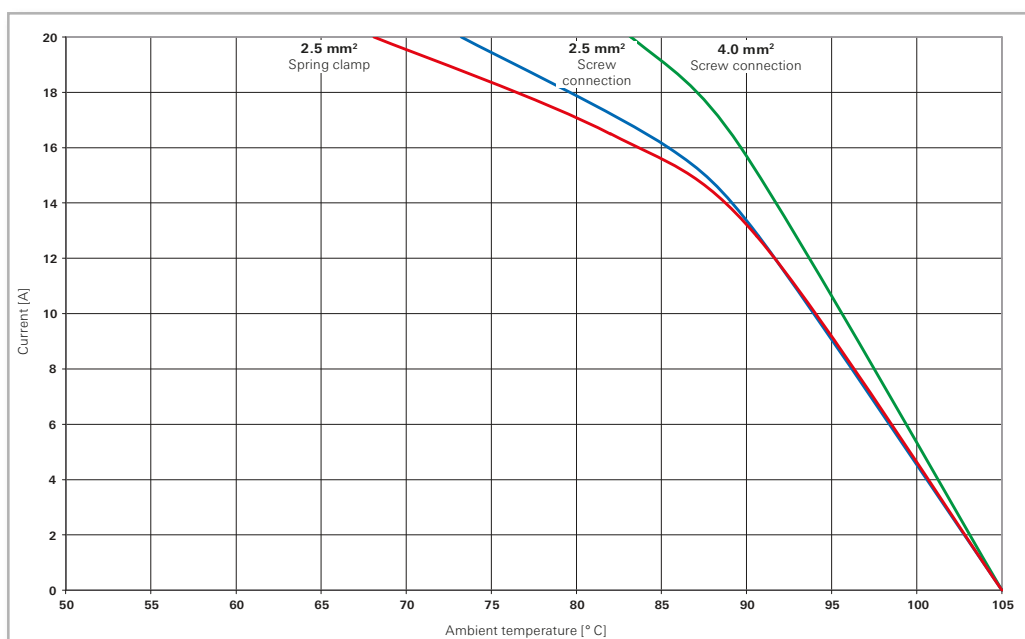
Conductor cross-section	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²	AWG 14-20
fine-stranded	7.0 + 1	7.0 + 1	7.0 + 1	7.0 + 1	7.0 + 1

Derating curves

RST 20i3

Screw connection – spring clamp connection

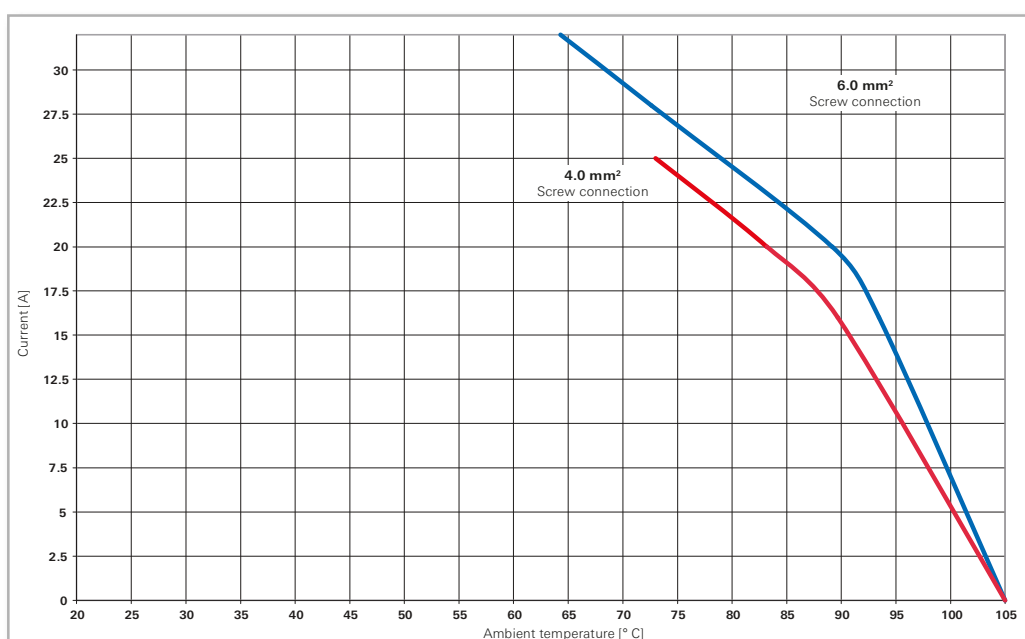
Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8



RST 25i3

Screw connection

Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8

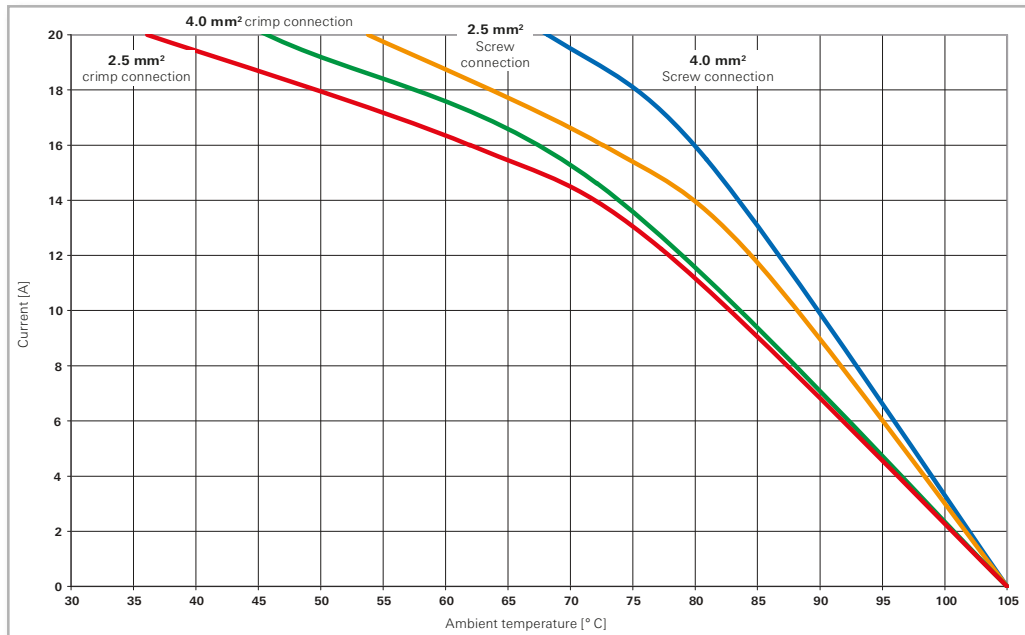


Derating curves

RST 20i5

Screw connection – crimp connection

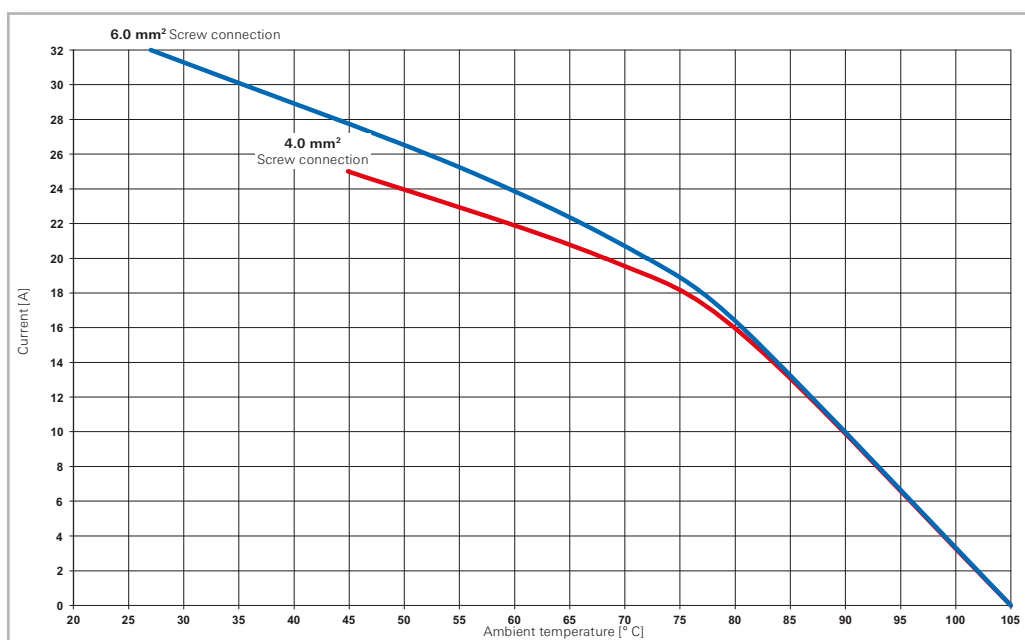
Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8



RST 25i5

Screw connection

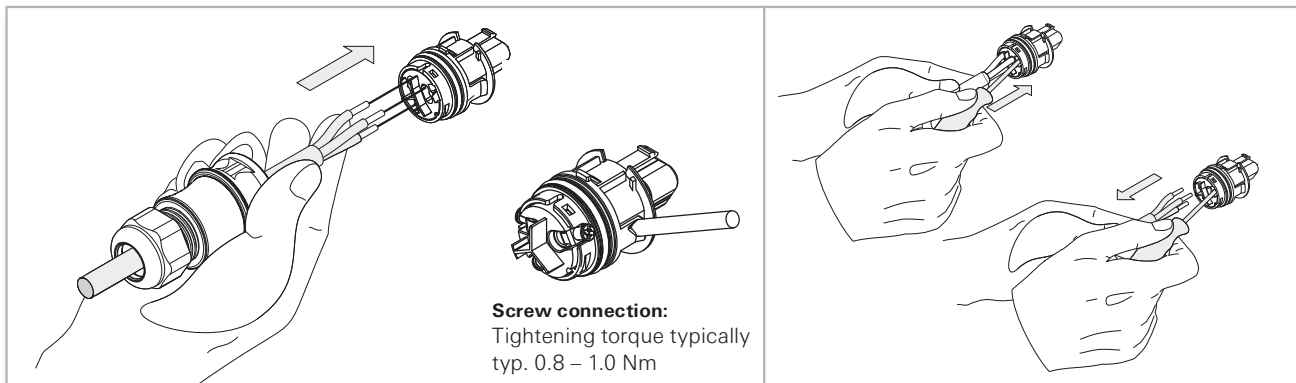
Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8



Connectors 2- and 3-pole

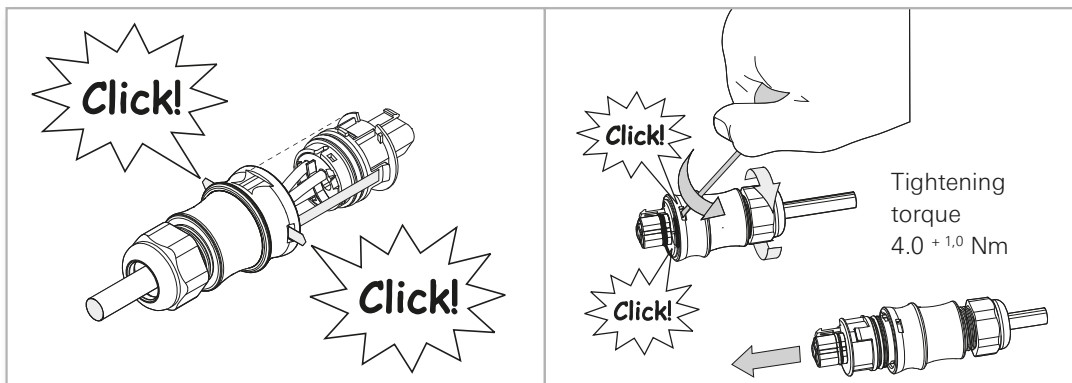
Connect the wires (screw connection) ...

... and disconnect them (crimp connection)



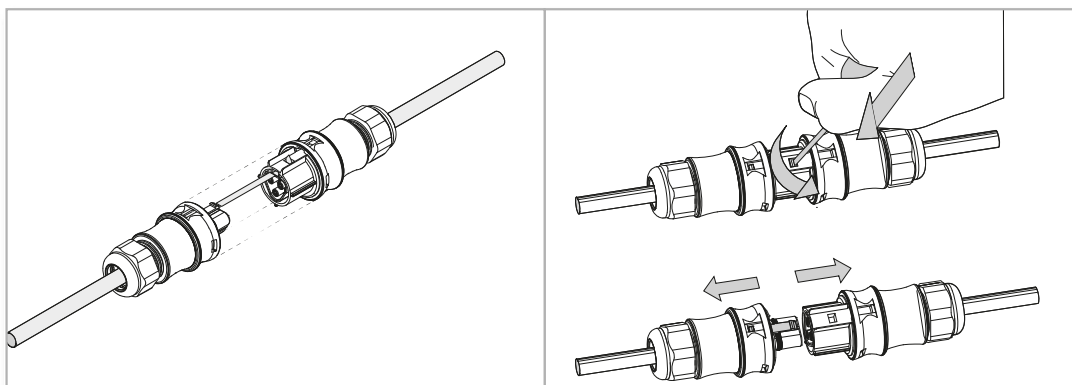
Close the connector ...

... and open it

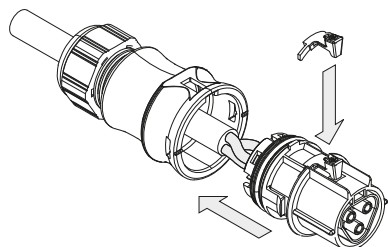


Lock the housing ...

... and unlock it



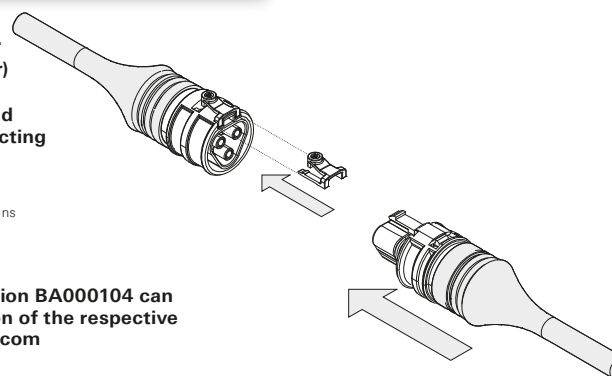
How to insert the (optional) manual disconnect tool into the connector
(only possible for the female connector)



The manual disconnect tool can be used as an alternative and enables disconnecting without a tool.

The descriptions on this page merely serve as an overview.
For assembly and installation, only the installation instructions supplied together with the products are binding

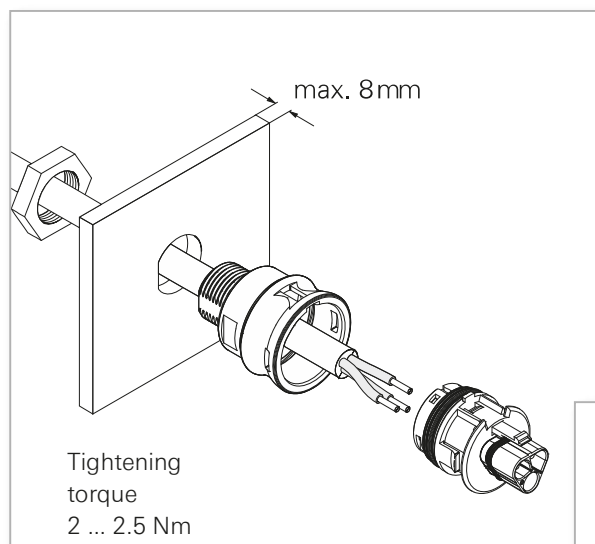
The corresponding installation instruction BA000104 can be found online in the download section of the respective product under: eshop.wieland-electric.com



Device connections 2- and 3-pole

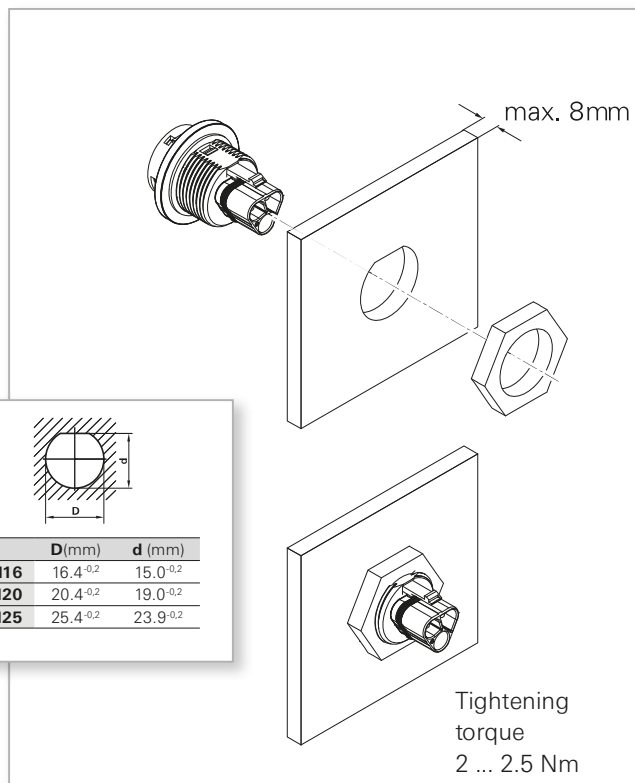
Installation of a standard system,
for M16 and M20 feed-through

Dimensions in mm



Installation of a standard system,
for M25 feed-through

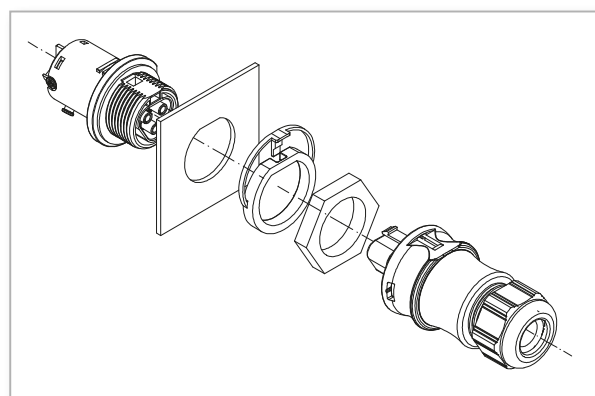
Dimensions in mm



	D(mm)	d (mm)
M16	16.4 ^{+0.2}	15.0 ^{+0.2}
M20	20.4 ^{+0.2}	19.0 ^{+0.2}
M25	25.4 ^{+0.2}	23.9 ^{+0.2}

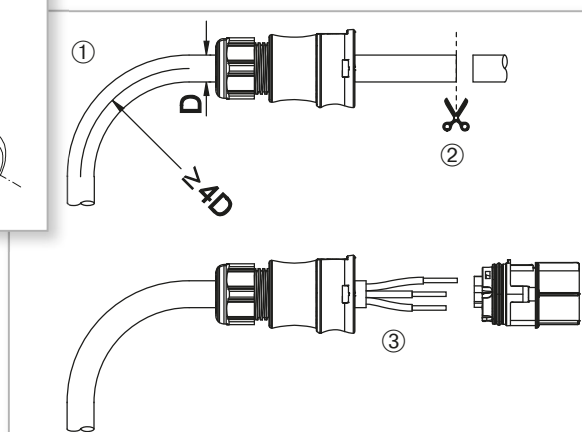
Note:

Effectiveness of the protection against twisting can only be guaranteed when the lower tolerance limit is ensured for the diameter of the hole.



Bending radius (for conductors)

Note the minimum bending radius for conductors > 2.5 mm². Pull forces on the contact points can be avoided by proceeding as follows::



Bend the wire as required

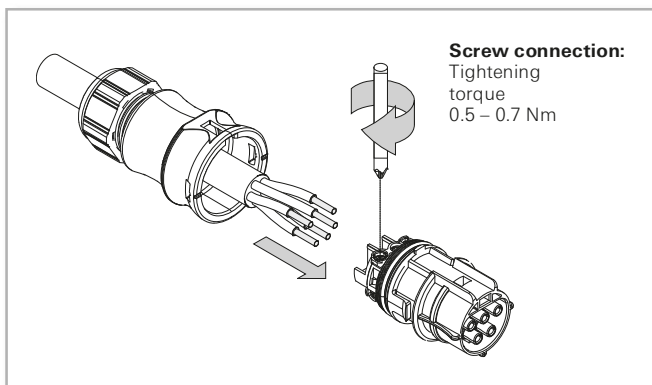
Cut the wire to length ②

Strip the cable and wires ③

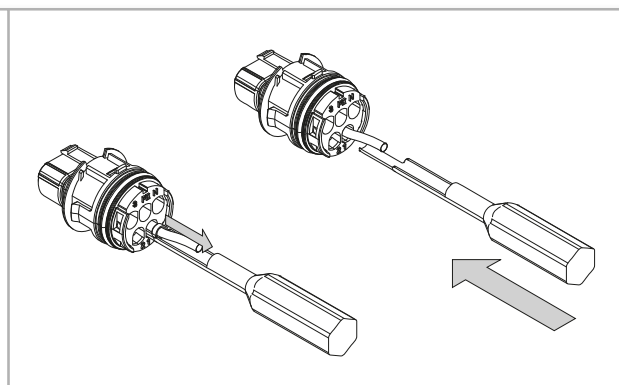
The corresponding installation instruction BA000104 can be found online in the download section of the respective product under: eshop.wieland-electric.com

Connectors 4- and 5-pole

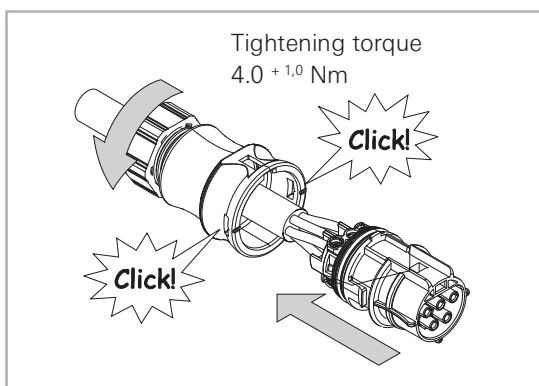
Connect the wires (screw connection) ...



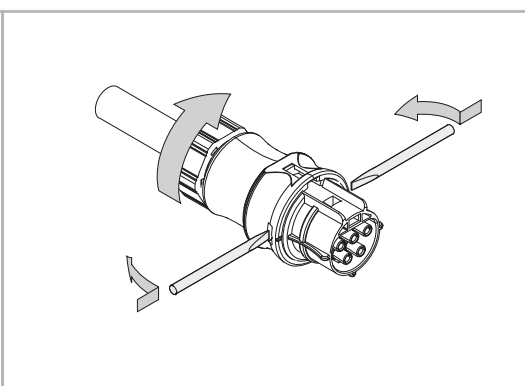
... and disconnect them (crimp connections)



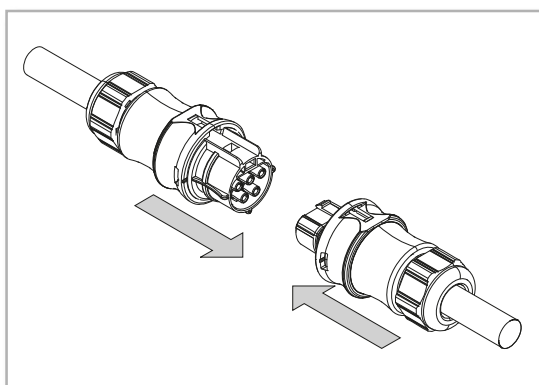
Close the connector ...



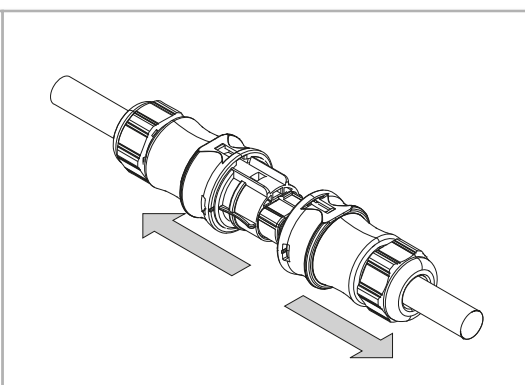
... and open it



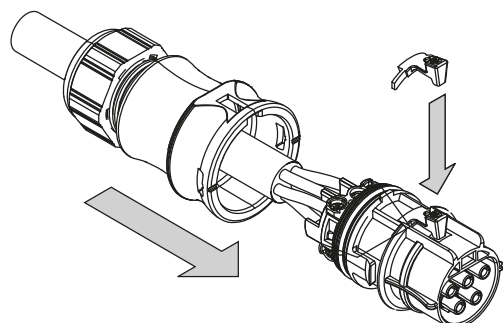
Lock the housing ...



... and unlock it



How to insert the (optional) manual disconnect tool into the connector
(only possible for the female connector)



The manual disconnect tool can be used
as an alternative and enables disconnecting
without a tool.

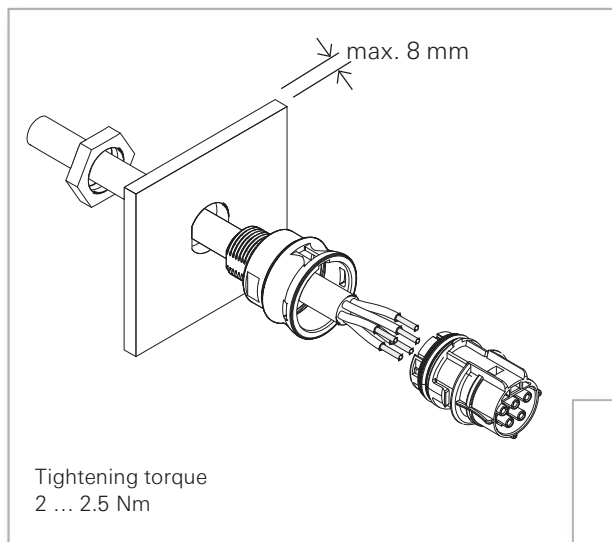
The descriptions on this page merely serve as an overview.
For assembly and installation, only the installation instructions
supplied together with the products are binding

The corresponding installation instruction BA000104 can
be found online in the download section of the respective
product under: eshop.wieland-electric.com

Device connections 4- and 5-pole

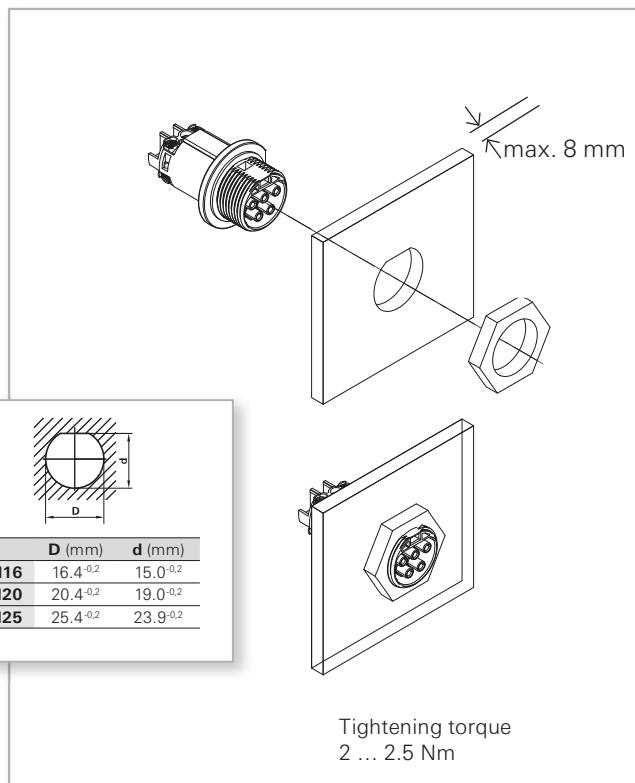
Installation of a standard system,
for M16 and M20 feed-through

Dimensions in mm



Installation of a standard system,
for M25 feed-through

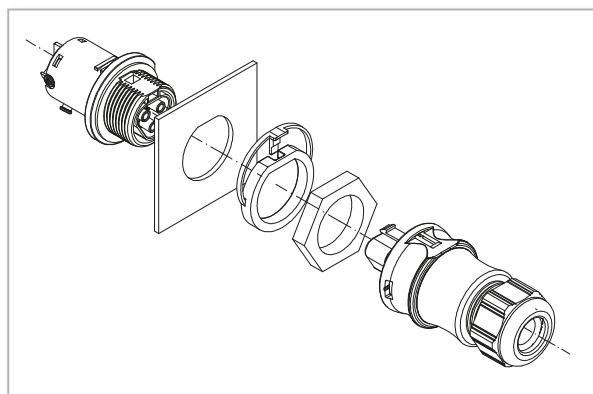
Dimensions in mm



	D (mm)	d (mm)
M16	16.4 ^{+0.2}	15.0 ^{+0.2}
M20	20.4 ^{+0.2}	19.0 ^{+0.2}
M25	25.4 ^{+0.2}	23.9 ^{+0.2}

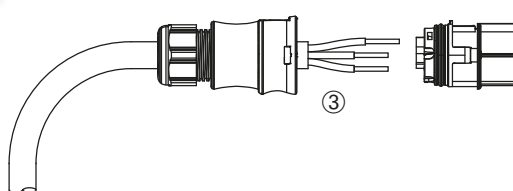
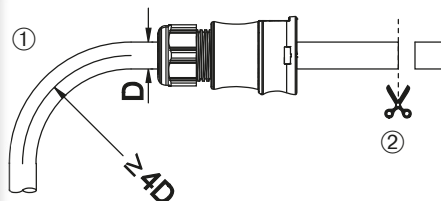
Note:

Effectiveness of the protection against twisting can only be guaranteed when the lower tolerance limit is ensured for the diameter of the hole.



Bending radius (for conductors)

Note the minimum bending radius for conductors > 2.5 mm². Pull forces on the contact points can be avoided by proceeding as follows::



Bend the wire as required

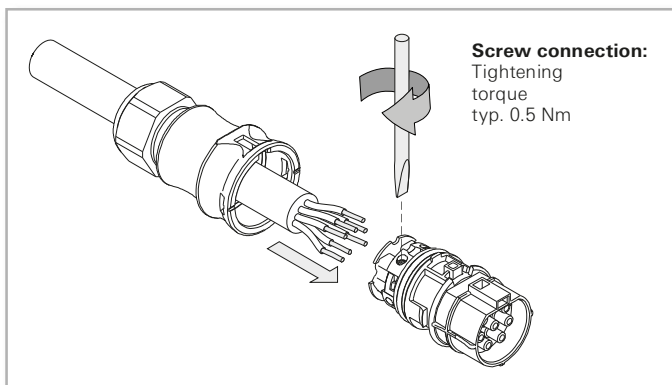
Cut the wire to length ②

Strip the cable and wires ③

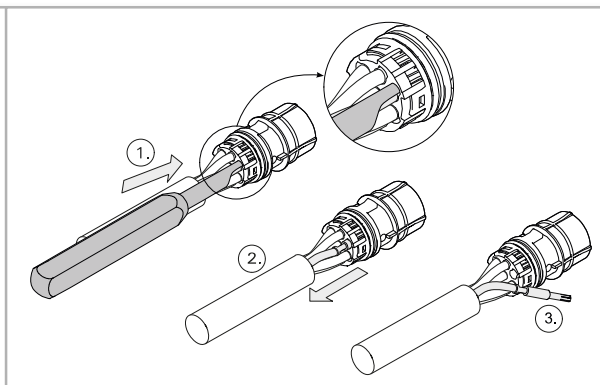
The corresponding installation instruction BA000104 can be found online in the download section of the respective product under: eshop.wieland-electric.com

Connectors 6- and 7-pole

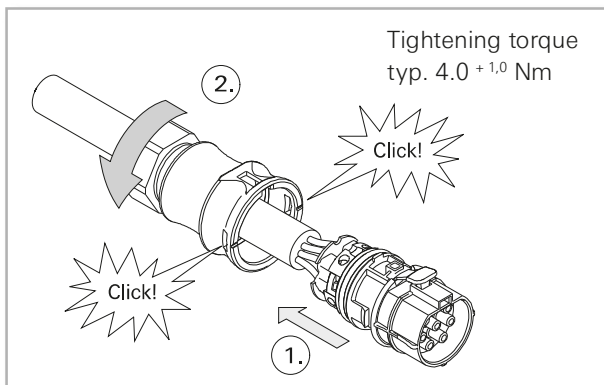
Connect the wires (screw connection) ...



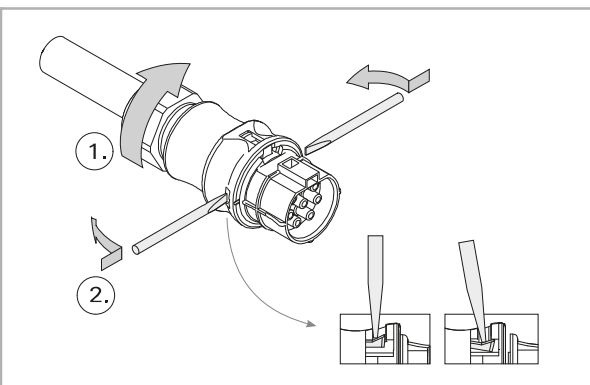
... and disconnect them (crimp connections)



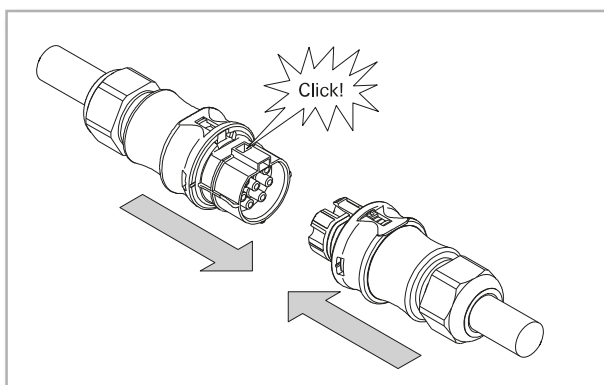
Close the connector ...



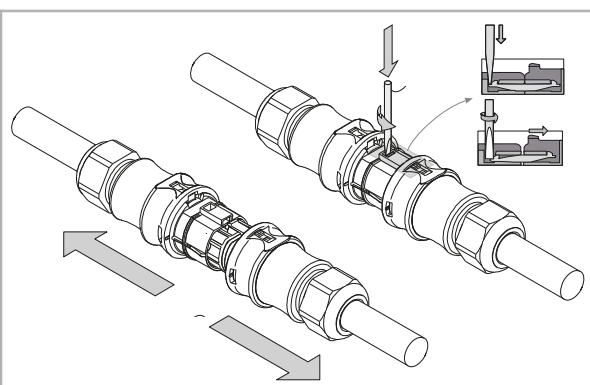
... and open it



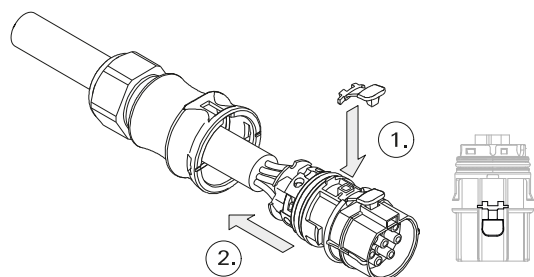
Plugging and locking



Unlocking and separating



How to insert the (optional) manual disconnect tool into the connector
(only possible for the female connector)



The manual disconnect tool can be used
as an alternative and enables disconnecting
without a tool.

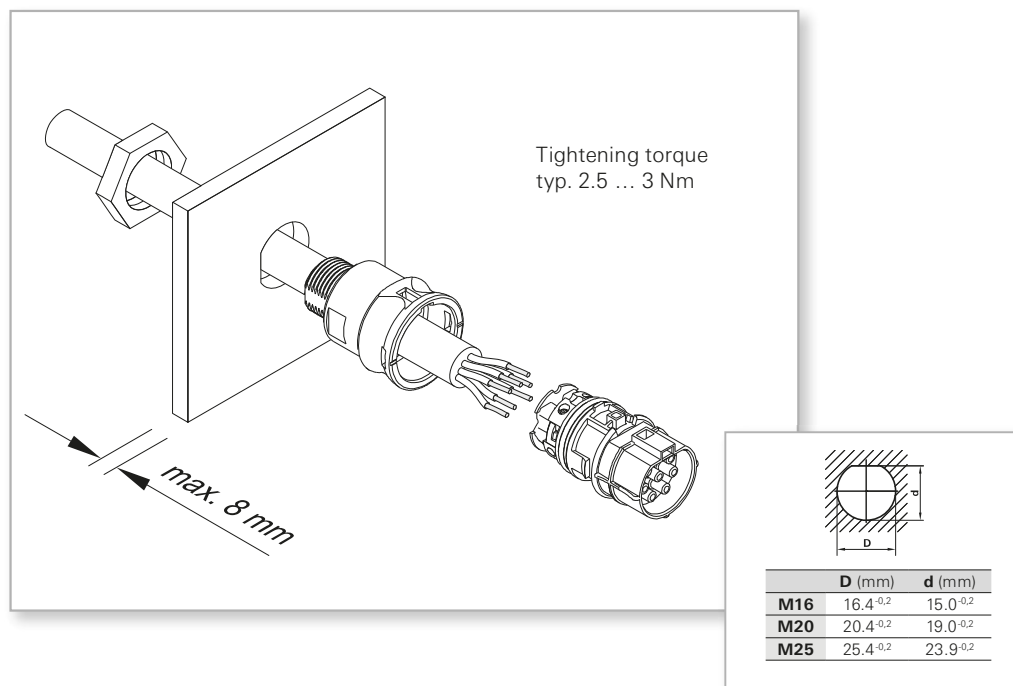
The descriptions on this page merely serve as an overview.
For assembly and installation, only the installation instructions
supplied together with the products are binding

The corresponding installation instructions BA001155 and BA001156
can be found online in the download section of the respective product
under: eshop.wieland-electric.com

Device connections 6- and 7-pole

Housing installation with
M16, M20 and M25 feed-through

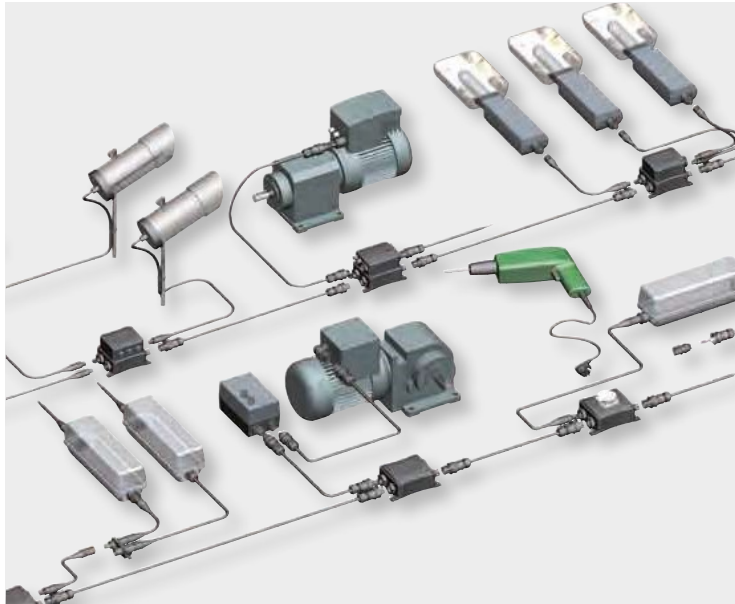
Dimensions in mm





Compact and multi-distribution units for use in rough environments

Application example



General

The pluggable distribution units play a major role in power distribution. In their simplest function, they merely have to provide branches in the required locations. Practice shows, however, that the requirements may be much more complex.

Examples can be found in AC and DC wiring through distribution units with microfuses up to boxes with integrated safety outlets or switches.



Compact and multi-distribution units

Flexibility according to the modular **RST**[®] principle

The highest level of flexibility!

Two housing variations are the basis: a flat design with up to four slots, and a high design with a total of up to eight slots. Unused slots are closed at the factory.




































The distribution units are equipped individually with suitable device connectors. These connectors are available in various pole configurations, with mechanical

coding and designs; they are wired to customer's requirements.

Overview of the standard components:

Depending on the application, you can choose among 30 codings from the range of **RST**[®] CLASSIC and **RST**[®] MINI. Mechanically coded means that only the matching male and female connectors can

be plugged together. Thus you can be sure that your different applications are clearly distinguished – without having to rework incorrect connections. The connector colors signal the matching connections. The standard power coding is an exception. Here you can select between black and gray. These are compatible with one another.

RST16i2	RST16i3	RST16i4	RST16i5	RST20i2	RST20i3	RST20i4	RST20i5	RST25i3
 250V black or light gray L, N	 250V black or light gray L, N, PE	 250/400V black or light gray 1, 2, 3, N, PE	 250/400V black or light gray 1, 2, 3, N, PE	 250V black or light gray L, N	 250V black or light gray L, N, PE	 250/400V black or light gray PE, 1, 2, 3	 250/400V black or light gray PE, N, 3, 2, 1	 250V concrete gray L, N, PE
 250/400V light blue 1, 2	 250/400V leaf green 1, 2, PE		 250V turquoise L, N, PE, 1, 2	 250/400V pebble gray +, -	 250/400V leaf green 1, 2, PE		 250V turquoise L, N, PE, D1, D2	
 250/400V turquoise D1, D2	 250/400V light blue 1, 2, 3	 ~50/-120V signal brown 1, 2, 3, 4	 250/400V light blue 1, 2, 3, 4, 5	 ~50/-120V signal brown 1, 2	 250/400V light blue 1, 2, 3	 ~50/-120V signal brown 1, 2, 3, 4	 250/400V light blue 1, 2, 3, 4, 5	
 ~50/-120V signal brown 1, 2	 250/400V turquoise D1, D2, PE		 ~50/-120V signal brown 1, 2, 3, 4, 5	 ~50/-120V signal brown 1, 2	 ~50/-120V signal brown 1, 2, PE		 250/400V yellow N, E, 1, 2, 3	 250/400V concrete gray L, N, PE, 1, 2
	 ~50/-120V signal brown 1, 2, 3						 ~50/-120V signal brown 1, 2, 3, 4, 5	

Mounting

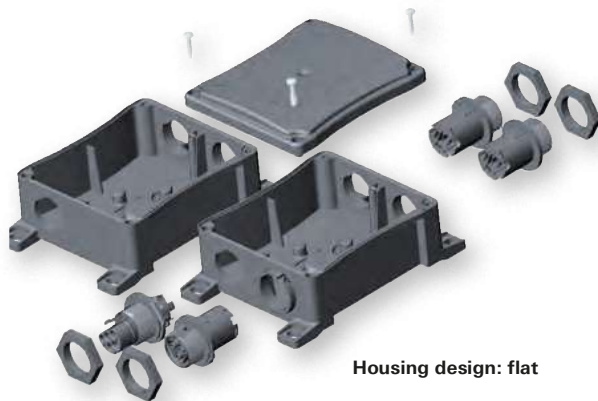
Four fixing clips on the outside ensure easy installation and safe fixation.

At the bottom, there are extra fixing holes for attachment of a special mounting plate.

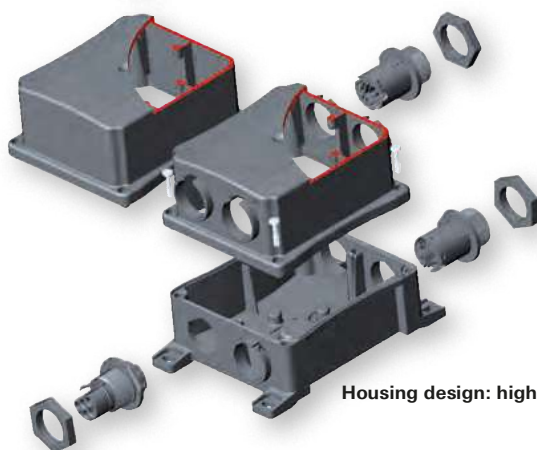


Unlocking

All pluggable connections are protected against accidental loosening. This is guaranteed by a locking facility integrated during production. On plug-in, the locking facility latches with an audible click. The connection is released using a screwdriver.



Housing design: flat



Housing design: high

Cover pieces

Cover pieces are required for safely covering unused outputs. These are available either with or without protection against loss.



Circuit diagram

A circuit diagram on the housing cover provides information about the internal wiring. The outputs are numbered from X1 to X8.



Compact distribution units with max. 4 slots

RST compact distribution unit

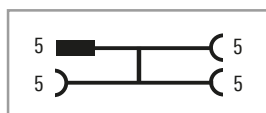
Dimensions (W x L x H) 104 x 162 x 57.2 mm
Number of poles 5-pole

routing 3 outputs 230/400V, 20A
Pre-wired with
Mounting option

RST 20i5 coding Color black
2.5 mm²
Yes



Circuit diagram



Color	Input	Outputs	Part No.
gray	1	3	upon request
black	1	3	96.050.0153.1

RST compact distribution unit

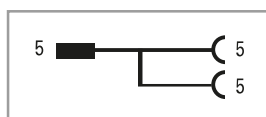
Dimensions (W x L x H) 104 x 162 x 57.2 mm
Number of poles 5-pole

routing 2 outputs 230/400V, 20A
Pre-wired with
Mounting option

RST 20i5 Coding Color black
2.5 mm²
Yes



Circuit diagram



Color	Input	Outputs	Part No.
gray	1	2	upon request
black	1	2	96.050.1153.1

RST compact distribution unit

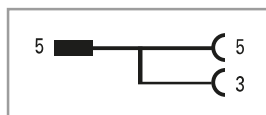
Dimensions (W x L x H) 104 x 162 x 57.2 mm
Number of poles 5-/3-pole

routing 1 output 230/400V, 20A
1 output 230V, 20A
Pre-wired with
Mounting option

RST 20i5 coding Color black
RST 20i3 coding Color black
2.5 mm²
Yes



Circuit diagram



Color	Pole marking	Input	Outputs	Part No.
gray		1	2	upon request
black	L1	1	2	96.050.3153.1
black	L2	1	2	96.050.4153.1
black	L3	1	2	96.050.5153.1

RST compact distribution unit

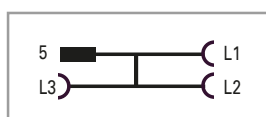
Dimensions (W x L x H) 104 x 162 x 57.2 mm
Number of poles 5-/3-pole

1 input 230/400V, 20A
3 outputs 230V, 20A
Pre-wired with
Mounting option

RST 20i5 coding Color black
RST 20i3 coding Color black
2.5 mm²
Yes



Circuit diagram



Color	Pole marking	Input	Outputs	Part No.
gray		1	3	Upon request
black	L1, L2, L3	1	3	96.050.6153.1

AS-i distribution unit

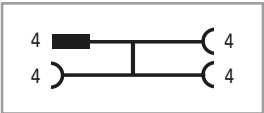
Distribution box AS-i / 24V

Dimensions (W x L x H) 104 x 162 x 57.2 mm
Number of poles 4-pole

3 outputs 230/400V, 20A
Pre-wired with 2.5 mm²
Mounting option Yes



Circuit diagram

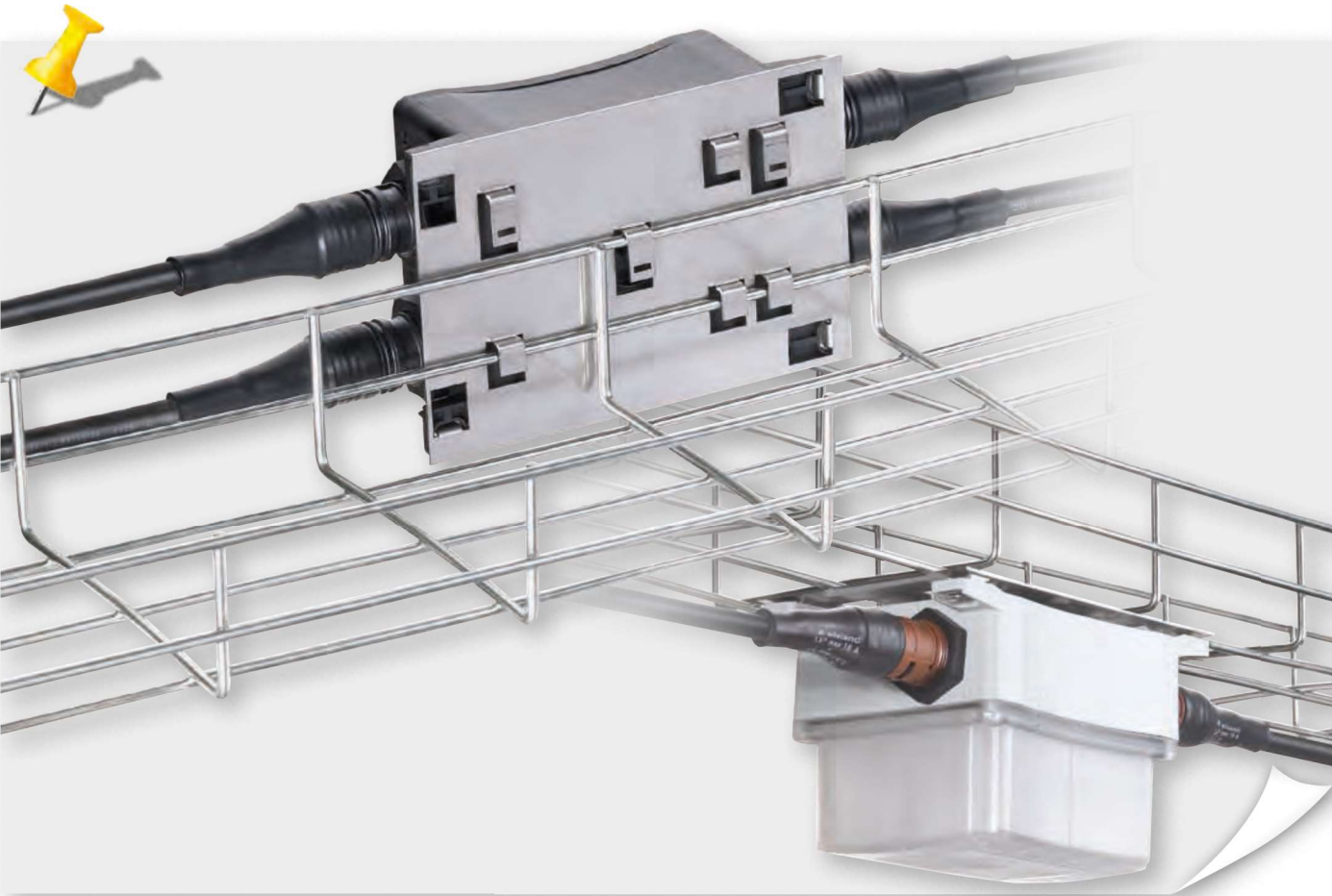


Color	Input	Outputs	Part No.
gray	1	3	upon request
black	1	3	96.040.0151.4

Mounting plate for example to fit on the mesh cable tray
(see illustration below)

Dimensions (W x L x H) 105 x 154 x 4.5 mm
Mounting option Yes

Part No.
G0.500.2041.5



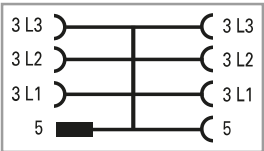
Compact/multi-
distribution units

Multi-distribution units with max. 8 slots

Multi-distribution unit 5-/3-pole, 1I/7O, 2x L1, L2, L3	Dimensions (W x L x H)	104 x 162 x 96 mm
	routing outputs 230/400V, 20A	1, RST 20i5 coding black
	outputs 230V, 20A	6, RST 20i3 coding black



Circuit diagram

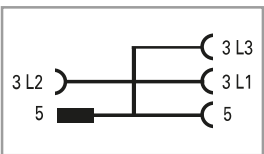


Color	Input	Outputs	Part No.
gray	1	7	upon request
black	1	7	96.050.7153.1

Multi-distribution unit 5-/3-pole, 1I/3O, L1, L2, L3	Dimensions (W x L x H)	104 x 162 x 96 mm
	routing outputs 230/400V, 20A	1, RST 20i5 coding black
	outputs 230V, 20A	3, RST 20i3 coding black



Circuit diagram

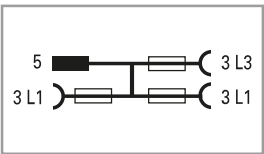


Color	Input	Outputs	Part No.
gray	1	4	upon request
black	1	4	99.902.0000.7

Multi-distribution unit 5-/3-pole, 1I/3O, L1, L2, L3	input 230/400V, 20A	1, RST 20i5 coding black
	outputs 230 V, with 3 integrated microfuse holders up to 10 A	3, RST 20i3 coding black
	including microfuse	10A, 5 x 20 mm
Dimensions (W x L x H)	104 x 162 x 96 mm	
Protection type	IP 65, 66, 67	



Circuit diagram

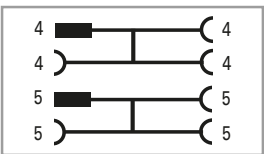


Color	Input	Outputs	Part No.
gray	1	3	upon request
black	1	3	99.901.0000.7

Distribution box Power and AS-i / 24 V	Input power 230/400V, 20A	1
	Outputs power 230/400V, 20A	3, RST 20i5 coding black
	input AS-i/24V, 20A	1
Dimensions (W x L x H)	104 x 162 x 96 mm	
	outputs AS-i/24V, 20A	3, RST 20i4 coding brown



Circuit diagram



Color	Input	Outputs	Part No.
black	1	3	99.903.0000.7

Multi-distribution units, radio, halogen technology, LED technology

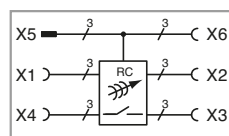
Switching output unit EnOcean 4-fold

Power In/Output	230V AC / 20A connectors RST 20i3 coding black
Outputs	4
Connection type	connector RST20i3, coding black

Rated voltage	230 V AC
Switching capacity	6A (max. two of the LED/LV halogen modules given below)
Protection type	IP 65, 66, 67, 68 (3m; 2h)
Dimensions (length/width/height)	104/162/96 mm
Mounting option	4 elongated holes



Circuit diagram



Type	Name	Part No.
RC RST-0/4	4 relay outputs, 1 feed-through wiring	83.020.0505.0

The EnOcean 4-fold switching output unit in IP68 surface housing for outdoor use features four 230V relays. They can be programmed for 30 push button pairs. All electrical connections are pluggable.

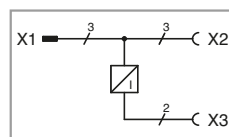
Constant power supply unit, 350 mA DC

Power input (male connector)	230V AC/20A RST 20i3 coding black
Power output (female connector)	230V AC/20A RST 20i3 coding black
Output LED (female connector)	350mA DC/max. 12W RST 20i2 coding brown

Protection type	IP 65, 66, 67, 68 (3m; 2h), 69
Ambient temperature	-25 °C up to +55 °C
Dimensions (length/width/height)	104/162/96 mm
Mounting option	4 elongated holes
Electrical connections	pluggable with RST 20i2...20i3



Circuit diagram



Type	Part No.
RST PSI 350/12 LED	83.020.0902.0

Constant power supply unit 350 mA for connecting LEDs. Connections not used have to be closed.

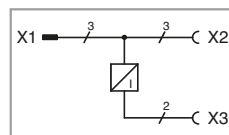
Constant power supply unit, 700 mA DC

Power input (male connector)	230V AC/20A, RST 20i3 coding black
Power output (female connector)	230V AC/20A RST 20i3, coding black
Output LED (female connector)	700mA DC/max. 12W, RST 20i2 coding brown

Protection type	IP 65, 66, 67, 68 (3m; 2h), 69
Ambient temperature	-25 °C up to +55 °C
Dimensions (length/width/height)	104/162/96 mm
Mounting option	4 elongated holes
Electrical connections	pluggable with RST 20i2...20i3



Circuit diagram



Type	Part No.
RST PSI 700/12 LED	83.020.0903.0

Constant power supply unit 700 mA for connecting LEDs. Connections not used have to be closed.

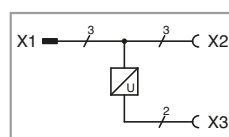
Constant power supply unit, 12 V DC

Power input (male connector)	230V AC/20A RST 20i3, coding black
Power output (female connector)	230V AC/20A RST 20i3, coding black
Output LED (female connector)	12V DC/max. 12W RST 20i2, coding signal brown

Protection type	IP 65, 66, 67, 68 (3m; 2h), 69
Ambient temperature	-25 °C up to +55 °C
Dimensions (length/width/height)	104/162/96 mm
Mounting option	4 elongated holes
Electrical connections	pluggable with RST 20i2...20i3



Circuit diagram



Type	Part No.
RST PSU 12/12 LED	83.020.0900.0

Constant voltage supply unit 12 V for connecting LEDs. Connections not used have to be closed.

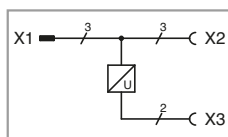
Constant power supply unit, 24 V DC

power input (male connector)	230V AC/20A RST 20i3, coding black
power output (female connector)	230V AC/20A RST 20i3, coding black
output LED (female connector)	24V DC/max. 12W RST20i2, coding signal brown

Protection type	IP 65, 66, 67, 68 (3m; 2h), 69
Ambient temperature	-25 °C up to +55 °C
Dimensions (length/width/height)	104/162/96 mm
Mounting option	4 elongated holes
Electrical connections	pluggable with RST 20i2...20i3



Circuit diagram

**RST PSU 24/12 LED**

83.020.0901.0

Constant voltage supply unit 24 V for connecting LEDs.
Connections not used have to be closed.

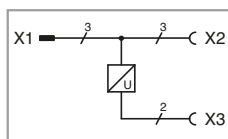
Transformer for low voltage halogen luminaires, 12 V AC

Power input (male connector)	230V AC/20A RST 20i3, coding black
Power output (female connector)	230V AC/20A RST 20i3, coding black
Output LV halogen (female connector)	12 V AC/20 – 70W RST 20i2, coding signal brown

Output LV halogen	max. 2 m cable length
Protection type	IP 65, 66, 67, 68 (3m; 2h), 69
Ambient temperature	0 °C up to +45 °C (derating from 35 °C)
Dimensions (length/width/height)	104/162/57.2 mm
Mounting option	4 elongated holes
Electrical connections	pluggable with RST 20i2...20i3



Circuit diagram

**RST PSU 12/70 LVH**

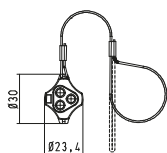
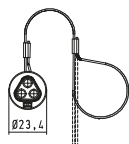
Type
Part No.
83.020.0904.0

Power supply unit 12 V for connecting halogen luminaires.
Connections not used have to be closed.

Accessories Covers

Suitable for all RST 20i2 and RST 20i3 codings

The covers have to be used to close all unused inputs and outputs. Without these covers, only IP20 is achieved!

for male**for female**

Type	Part No.
Cover for male connector, captive against loss	99.416.6205.2
Cover for male connector, not captive against loss	05.564.4453.1
Cover for female connector, captive against loss	99.414.6205.2
Cover for female connector, not captive against loss	Z5.564.4553.1

Radio switch / hand-held radio transmitter

Radio switch, 2/4 channels glossy with suitable frame

- glossy surface
- batteryless and maintenance free
- for installation on flat surfaces with screws or adhesive pads (included in delivery)
- the combination frames have to be ordered separately



This push button series features a glossy, smooth surface. The radio switches with 2 or 4 channels do not require batteries or maintenance. The rockers are in neutral central position and without marking with 1/0 or up/down symbols. The matching frames for these push buttons can be found below.



Frame for installation of the 2/4 channel glossy radio switches. Suitable for vertical and horizontal mounting.

Type	Color	Marking	Part No.
Radio switch, 2 channels	pure white	I / 0	F0.000.0025.0
	pure white	(△▼)	F0.000.0025.2
	pure white		F0.000.0025.4
	aluminum	I / 0	F0.000.0026.8
	aluminum	(△▼)	F0.000.0027.0
	aluminum		F0.000.0027.2
Radio switch, 4 channels	pure white	I / 0	F0.000.0025.1
	pure white	(△▼)	F0.000.0025.3
	pure white		F0.000.0025.5
	Piano black	I / 0	F0.000.0026.0
	aluminum	I / 0	F0.000.0026.9
	aluminum	(△▼)	F0.000.0027.1
	aluminum		F0.000.0027.3

* 2 channels represent a rocker in neutral center position. This function is defined in the receiver.

* 4 channels represent two rockers in neutral center position. This function is defined in the receiver.

Type	Color	Marking	Part No.
Combination frame 1-fold	pure white		F0.000.0025.6
Combination frame 2-fold	pure white		F0.000.0025.7
Combination frame 3-fold	pure white		F0.000.0025.8
Combination frame 1-fold	piano black		F0.000.0026.5
Combination frame 3-fold	piano black		F0.000.0026.7
Combination frame 1-fold	aluminum		F0.000.0027.4
Combination frame 2-fold	aluminum		F0.000.0027.5
Combination frame 3-fold	aluminum		F0.000.0027.6

Handheld radio transmitter, 4 channels

- Handheld radio transmitter
- Batteryless and maintenance-free
- For stick-on surface mounting or as a handheld remote control.



Type	Color	Marking	Part No.
Handheld radio transmitter	pure white RAL 9010		F0.000.0009.1
Handheld radio transmitter	black RAL 9005		F0.000.0009.2
Handheld radio transmitter	silver coated		F0.000.0009.3

Batteryless and maintenance-free 4-channel handheld transmitter for direct control of the actuators.

Radio switch / hand-held transmitter

Convenient hand-held transmitter

Radio channels	512
Configurable levels	32

Displays	Time, date, temperature
Texts and symbols	pre-defined or configurable
Lock	with pin code
Timers	32
Speed dial keys	8
Dimensions (length/width/height)	165/55/21 mm



Included in delivery

Type	Part No.
Convenient hand-held transmitter	F0.000.0024.4

Special EnOcean function:

EnOcean service function, e.g. ID display, quality of radio signals, and a radio link test (enables range test between two hand-held terminals)

Power supply:

Supply with batteries

3 AAA-NiMH power packs
(included in delivery)

Charging device

USB charging device and separate
USB cable (included in delivery)

The convenient hand-held transmitter allows for control of the complete building. Whether complex lighting concepts or comprehensive actions following a detailed schedule: This hand-held terminal lets you program building functions in the twinkling of an eye. Menu navigation is intuitive and is supported by easily understandable symbols. Additionally, the device offers service functions for the installer regarding range planning and serves for function testing during commissioning.

Multivendor radio switch, 2/4 channels

- Batteryless and maintenance-free
- for mounting on flat surfaces with screws or adhesive pads (included in delivery)

- The radio switches fit the frames with 55mm installation size of the vendors and their designs listed:
 - Berker: S1, B1, B3, B7 Glas
 - Gira: Standard 55, E2, Event, Esprit
 - Jung: A500, A plus
 - Merten: M-Smart, M-Arc, M-Plan



Type	Color	Marking	Part No.
Radio switch, 2 channels	white	I / O	F0.000.0005.6
	anthracite	I / O	F0.000.0007.5
	aluminum finish	I / O	F0.000.0007.6
Radio switch, 2 channels	white	(△▼)	F0.000.0005.8
	anthracite	(△▼)	F0.000.0007.7
	aluminum finish	(△▼)	F0.000.0007.8
Radio switch, 4 channels	white	I / O	F0.000.0005.7
	anthracite	I / O	F0.000.0007.9
	aluminum finish	I / O	F0.000.0008.0
Radio switch, 4 channels	white	(△▼)	F0.000.0005.9
	anthracite	(△▼)	F0.000.0008.1
	aluminum finish	(△▼)	F0.000.0008.2

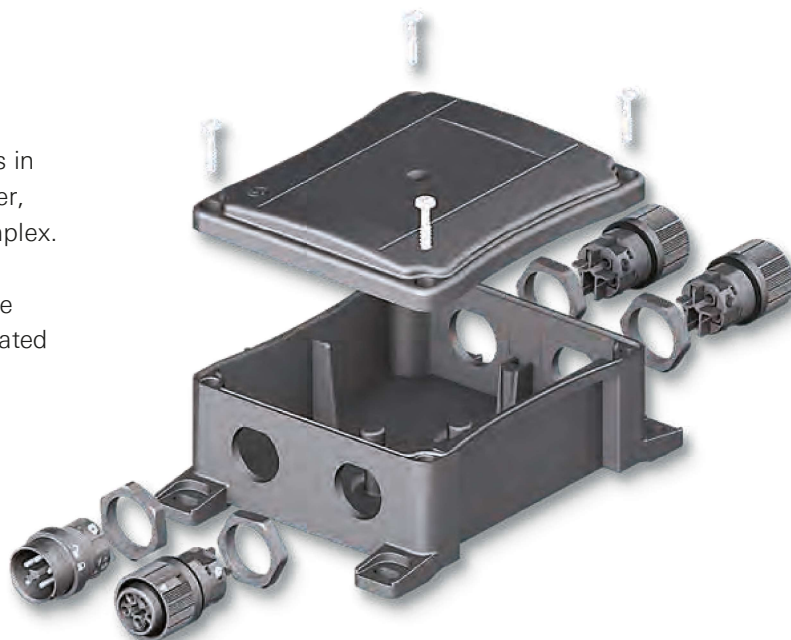
Batteryless and maintenance-free radio switches with 2/4 channels for direct control of the actuators. The rockers in neutral center position are marked with I/O or Up/Down (△▼) symbols. These 55x55 mm switches enable installation in various designs of various manufacturer

- Multivendor radio switches with 2/4 channels (light) (I / O)
- the rockers are printed with I/O symbols
- Multivendor radio switches with 2/4 channels (sunblind) (Up / Down) (△▼)
- the rockers are printed with Up/Down (△▼) symbols

Compact and multiple distribution units

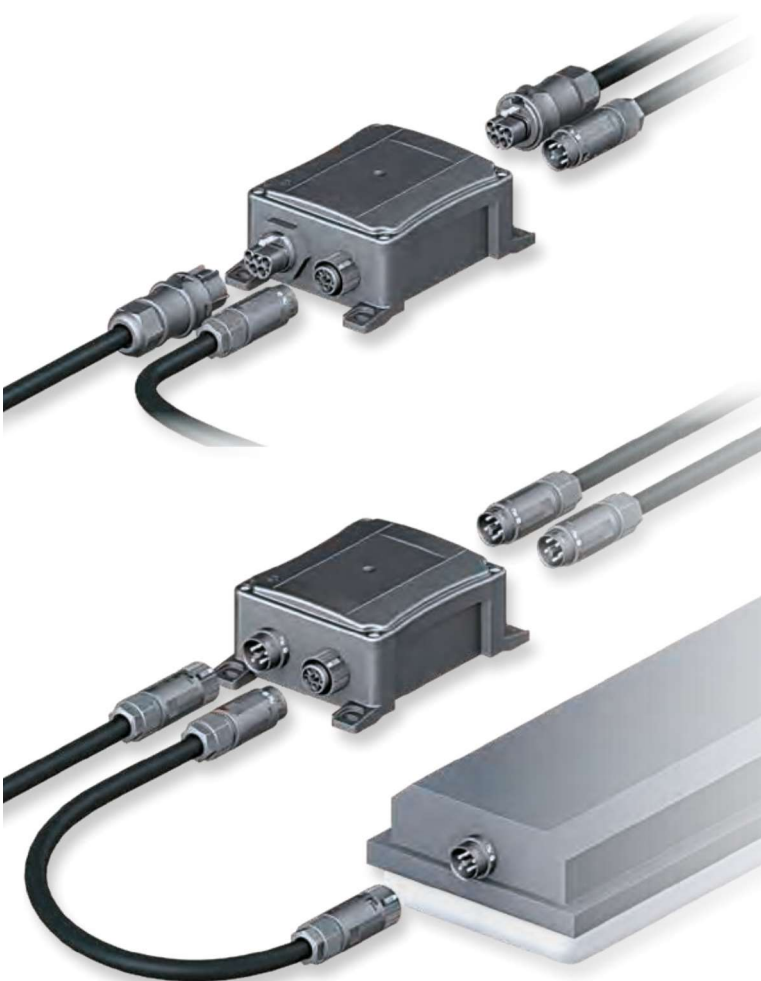
Flexibility according to RST® modularity

The pluggable distributors play a major role in power or signal distribution. In their simplest function, they merely have to provide branches in the required locations. Practice shows, however, that the requirements may be much more complex. Examples can be found in rotary A/C current distributors and distributors with integrated fine fuses, all the way through to boxes with integrated electronics, such as constant current sources, voltage sources, or radio actuators.




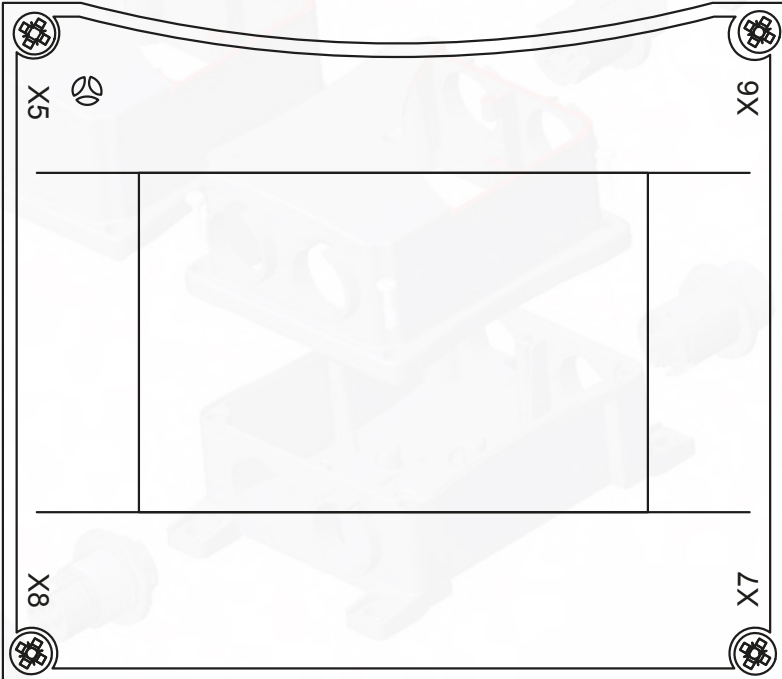
Two housing variations are the basis: a flat design with up to four slots, and a high design with a total of up to eight slots. Alongside a customized configuration with the new RST16i device connectors, the existing components of the RST20i and RST25i lines can also be used for variety, of course.

The coded connectors give you the security of a clear distinction between different circuits – no need to redo any incorrect connections. In addition to the compact and multiple distributors, standard distribution boxes can also be customequipped with device connectors.



Example

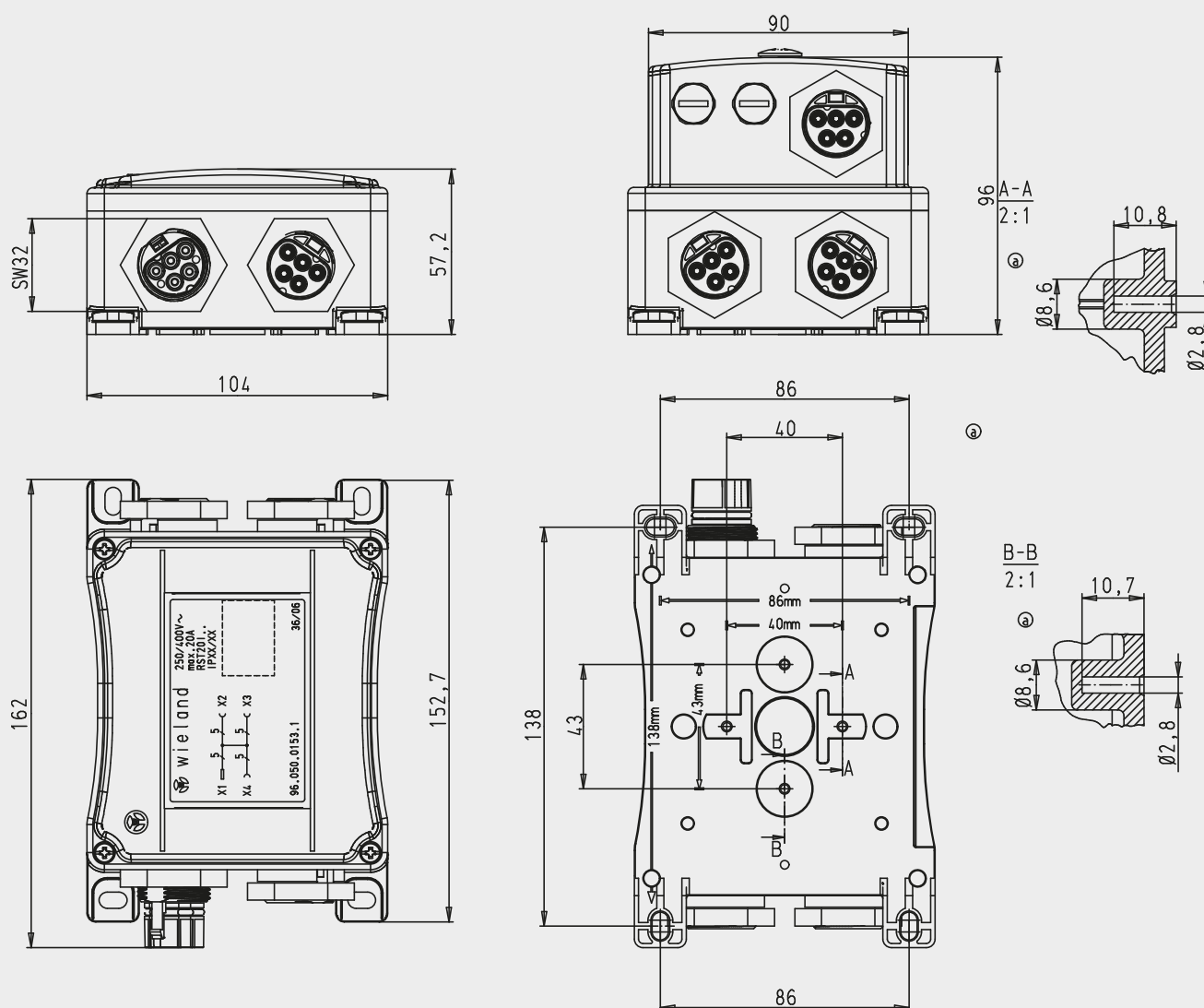
Special variant request – please complete and fax: +49-951-9326-996

No. _____ _____		No. _____ _____
No. _____ _____	<p>Ausgang oder verschlossen OUT OR CLOSED</p> <p>Input, Ausgang oder verschlossen IN, OUT OR CLOSED</p> <p>Ausgang oder verschlossen OUT OR CLOSED</p>	No. _____ _____
No. _____ _____		No. _____ _____
	<p>Ausgang oder verschlossen OUT OR CLOSED</p> <p>Ausgang oder verschlossen OUT OR CLOSED</p>	

Compact/multi-distribution units

Bitte die benötigten Komponenten (Artikelnummer oder Polzahl und Farbe) ergänzen und Verdrahtung einzeichnen.
Please add required components (either article code or number of poles and color) and the wiring scheme.

RST® compact and multi-distribution units



Operating temperature: -40° C up to +100° C

Material: Contact parts: brass, silver-plated
Housing parts: thermoplastic material PA 66, halogen-free, V2
Sealing material: NBR

Wiring: Individual wires 2.5 mm², halogen-free
(other cross-sections on request)

Regulations: DIN VDE 0606 T200; DIN EN 61984 (VDE 0627); VDE 0110
IEC 60999

Approvals: VDE
You can find the direct assignment of approvals and part numbers in the internet in the eShop under <http://eshop.wieland-electric.com>, or consult us.

Degree of protection: IP66/68 (3m; 2h)/69
Special variants may occur different degrees of protection.

IK code: IK 07 (2 Joule) according to DIN EN 62262

Rated voltage: 250 V / 400 V

Rated current: 20 A (25 A)

Coding: Mechanical coding symbolized by color code.
Gray and black with the same mechanical coding.
Other codings are optional.

Note: Protection against shock generally guaranteed even when disconnected.
Ground conductor leading. Connection to the live cable must be with a female connector according to the regulations.
It is therefore not possible to have a ring circuit arrangement!
Only pluggable in the correct pole configuration; 1-pole cannot be connected.
Contacts protected against strain on the cable. All components can be interlocked.
A locking device is required for DIN EN 61535 approval.
DIN VDE 0606 T200 conformity does not automatically exclude the danger of confusion with third-party installation plug connector systems!
Installation plug connector systems are no substitute for national plug/outlet systems for domestic use.