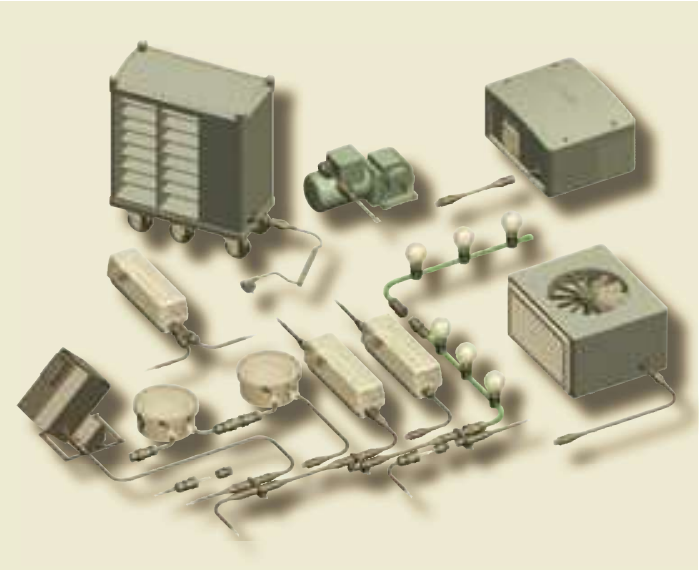
Standard variant for network applications – polyphase systems, switching applications 250 V and low voltage

Application example



General

With the 3-pole connectors, there are four available variants: the standard variant for general network applications, one for extra-low voltage up to 50V with ground conductor, one for switching applications up to 250V and a green coding for applications in polyphase systems.
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.

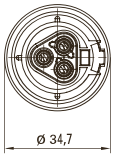
				Application	Power		Power	Extra-low voltage	Switch function
				Mechanical coding, for example	250V L, N, ⏚		250/400V 1, 2, ⏚	signals bus 50V 1, 2, ⏚	250V 1, 2, 3
Name	**Description**	**Connection style**	**Strain relief housing**	**Connection points per pole**	gray	black	green	brown	light blue
Connector	1 x cable entry	Screw Spring clamp Crimp	yes	1	✓	✓	✓	✓	✓
	2 x cable entry	Screw Spring clamp Crimp	yes	2	✓	✓	✓		
Distribution units	Distribution block 1I/3O				✓	✓	✓	✓	✓
	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, angled				✓	✓	✓	✓	✓
	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	✓	✓			

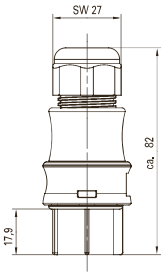
Connectors, straight
for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

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





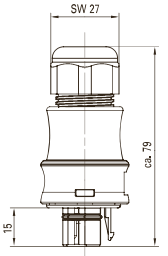
	with spring clamp conn.		with screw connection[1]		with crimp connection	
	Wire	mm²	Wire	mm²	Wire	mm²
	rigid	0.5 – 2.5	rigid	0.75 – 6.0[2]	fine-stranded	0.75 – 4.0
	fine-stranded	0.5 – 1.5	fine-stranded			
	stranded	0.75 – 1.5	stranded			

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
Power 250 V	L, N, ⏚	6 – 10	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	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
Power 250/400 V	1, 2, ⏚	6 – 10	green	96.031.0055.7	96.031.4055.7	
		10 –14		96.031.0155.7	96.031.4155.7	
Extra-low voltage	1, 2, ⏚	6 – 10	brown	96.031.0051.4	96.031.4051.4	
		10 –14		96.031.0151.4	96.031.4151.4	
Switch.func. 250 V	1, 2, 3	6 – 10	light blue	96.031.0053.9	96.031.4053.9	
		10 –14		96.031.0153.9	96.031.4153.9	
				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.		with screw connection[1]		with crimp connection	
	Wire	mm²	Wire	mm²	Wire	mm²
	rigid	0.5 – 2.5	rigid	0.75 – 6.0[2]	fine-stranded	0.75 – 4.0
	fine-stranded	0.5 – 1.5	fine-stranded			
	stranded	0.75 – 1.5	stranded			

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
Power 250 V	N, L, ⏚	6 – 10	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	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
Power 250/400 V	2, 1, ⏚	6 – 10	green	96.032.0055.7	96.032.4055.7	
		10 –14		96.032.0155.7	96.032.4155.7	
Extra-low voltage	2, 1, ⏚	6 – 10	brown	96.032.0051.4	96.032.4051.4	
		10 –14		96.032.0151.4	96.032.4151.4	
Switch.func. 250 V	2, 1 3	6 – 10	light blue	96.032.0053.9	96.032.4053.9	
		10 –14		96.032.0153.9	96.032.4153.9	
				Fine-stranded and stranded wires **only with** ferrules (see accessories)	Fine-stranded and stranded wires **without** ferrules	Contacts separately under Accessories.

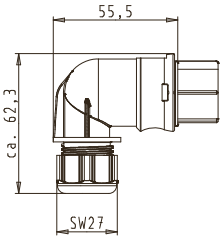
[1] With wire protection available on request
[2] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connectors, 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.

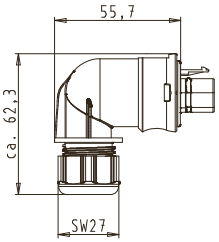


				with spring clamp conn.		with screw connection[1]		with crimp connection	
				Wire	mm²	Wire	mm²	Wire	mm²
				rigid	0.5 – 2.5	rigid	0.75 – 6.0[2]	fine-stranded	0.75 – 4.0
				fine-stranded	0.5 – 1.5	fine-stranded			
				stranded	0.75 – 1.5	stranded			
Application	Coding	Cable diameter in mm	Color	Part No.		Part No.		Part No.	
Power 250 V	L, N, ⏚	6 – 10	gray	96.033.0053.0		96.033.4053.0		96.133.0053.0	
			black	96.033.0053.1		96.033.4053.1		96.133.0053.1	
		10 – 14	gray	96.033.0153.0		96.033.4153.0		96.133.0153.0	
			black	96.033.0153.1		96.033.4153.1		96.133.0153.1	
Power 250/400 V	1, 2, ⏚	6 – 10	green	96.033.0055.7		96.033.4055.7			
		10 –14		96.033.0155.7		96.033.4155.7			
Extra-low voltage	1, 2, ⏚	6 – 10	brown	96.033.0051.4		96.033.4051.4			
		10 –14		96.033.0151.4		96.033.4151.4			
Switch.func. 250 V	1, 2, 3	6 – 10	light blue	96.033.0053.9		96.033.4053.9			
		10 –14		96.033.0153.9		96.033.4153.9			
				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.		with screw connection[1]		with crimp connection	
				Wire	mm²	Wire	mm²	Wire	mm²
				rigid	0.5 – 2.5	rigid	0.75 – 6.0[2]	fine-stranded	0.75 – 4.0
				fine-stranded	0.5 – 1.5	fine-stranded			
				stranded	0.75 – 1.5	stranded			
Application	Coding	Cable diameter in mm	Color	Part No.		Part No.		Part No.	
Power 250 V	N, L, ⏚	6 – 10	gray	96.034.0053.0		96.034.4053.0		96.134.0053.0	
			black	96.034.0053.1		96.034.4053.1		96.134.0053.1	
		10 – 14	gray	96.034.0153.0		96.034.4153.0		96.134.0153.0	
			black	96.034.0153.1		96.034.4153.1		96.134.0153.1	
Power 250/400 V	2, 1, ⏚	6 – 10	green	96.034.0055.7		96.034.4055.7			
		10 –14		96.034.0155.7		96.034.4155.7			
Extra-low voltage	2, 1, ⏚	6 – 10	brown	96.034.0051.4		96.034.4051.4			
		10 –14		96.034.0151.4		96.034.4151.4			
Switch.func. 250 V	2, 1 3	6 – 10	light blue	96.034.0053.9		96.034.4053.9			
		10 –14		96.034.0153.9		96.034.4153.9			
				Fine-stranded and stranded wires **only with** ferrules (see accessories)		Fine-stranded and stranded wires **without** ferrules		Contacts separately under Accessories.	

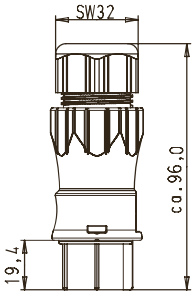
[1] With wire protection available on request
[2] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

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 connection[1]			with crimp connection		
	Wire	mm²		Wire	mm²	
	rigid	0.75 – 6.0[2]	without ferrules	fine-stranded	0.75 – 4.0	
	fine-stranded		without ferrules			
	stranded		without ferrules			

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
Power 250 V	L, N, ⏚	13 –18	gray black	96.031.4553.0 96.031.4553.1	96.131.4553.0 96.131.4553.1
Power 250/400 V	1, 2, ⏚	13 –18	green	96.031.4555.7	

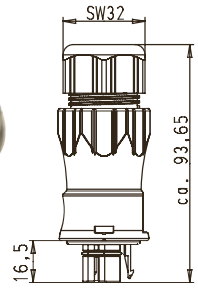
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories.

Male connector

Unmounted with cable gland and locking device.

See Technical Data for sheath and insulation strip lengths.



	with screw connection[1]			with crimp connection		
	Wire	mm²		Wire	mm²	
	rigid	0.75 – 6.0[2]	without ferrules	fine-stranded	0.75 – 4.0	
	fine-stranded		without ferrules			
	stranded		without ferrules			

Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
Power 250 V	N, L, ⏚	13 –18	gray black	96.032.4553.0 96.032.4553.1	96.132.4553.0 96.132.4553.1
Power 250/400 V	2, 1, ⏚	13 –18	green	96.032.4555.7	

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

Contacts separately under Accessories.

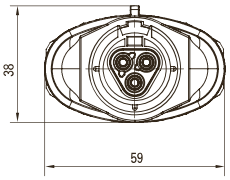
[1] With wire protection available on request
[2] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

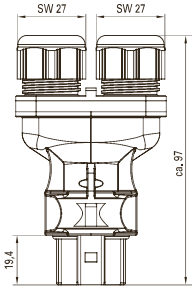
Splitter connector, straight
for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

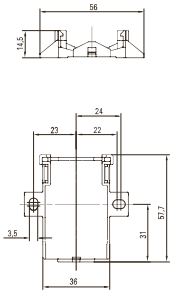
See the Technical Data for insulation strip lengths as well as the ferrules to be used.





				with spring clamp connection			with screw connection[1]		
				Leitungen	mm²		Leitungen	mm²	
				rigid	0.5 – 2.5		rigid	0.75 – 2.5	
				fine-stranded	0.5 – 1.5	with ferrules	fine-stranded		
				stranded	0.75 – 1.5	with ferrules	stranded		
Application	Coding		Cable diameter in mm	Color	Part No.		Part No.		
Power 250 V	 L, N, ⏚		6 – 10	gray black	96.031.0253.0 96.031.0253.1		96.031.4253.0 96.031.4253.1		
			10 – 14	gray black	96.031.0353.0 96.031.0353.1		96.031.4353.0 96.031.4353.1		
Power 250/400 V	 1, 2, ⏚		6 – 10 10 – 14	green	96.031.0255.7 96.031.0355.7		96.031.4255.7 96.031.4355.7		
Switch.func. 250 V	 1, 2, 3		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

RST® CLASSIC

[1] With wire protection available on request

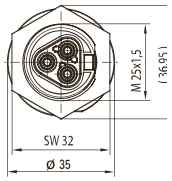
M25 device connector
straight, standard

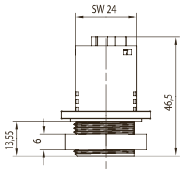
Female connector

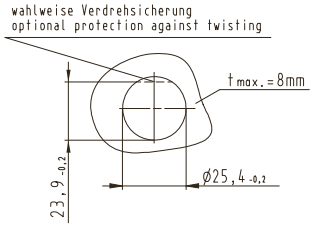
Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

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	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	L, N, ⏚	gray black	96.031.1053.0 96.031.1053.1	96.031.5053.0 96.031.5053.1	96.131.1053.0 96.131.1053.1
Power 250/400 V	1, 2, ⏚	green	96.031.1055.7	96.031.5055.7	
Extra-low voltage	1, 2, ⏚	brown	96.031.1051.4	96.031.5051.4	
Switch.func. 250 V	1, 2, 3	light blue	96.031.1053.9	96.031.5053.9	

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

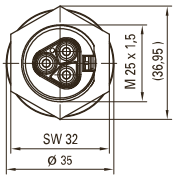
Fine-stranded and stranded wires **without** ferrules

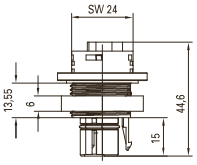
Contacts separately under Accessories.

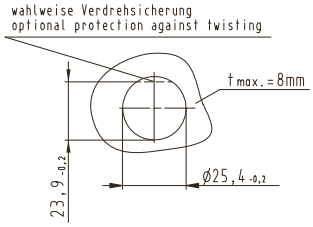
Male connector

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	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	outside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	outside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	N, L, ⏚	gray black	96.032.1053.0 96.032.1053.1	96.032.5053.0 96.032.5053.1	96.132.1053.0 96.132.1053.1
Power 250/400 V	2, 1, ⏚	green	96.032.1055.7	96.032.5055.7	
Extra-low voltage	2, 1, ⏚	brown	96.032.1051.4	96.032.5051.4	
Switch.func. 250 V	2, 1, 3	light blue	96.032.1053.9	96.032.5053.9	

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

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

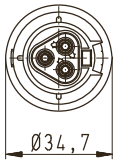
Contacts separately under Accessories.

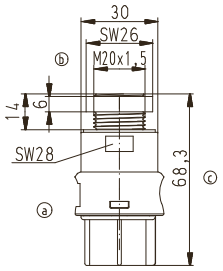
M20 device connector
straight, modular

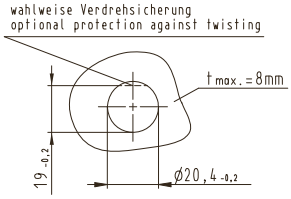
Female connector

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.







with spring clamp connection	
Wire	mm²
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	mm²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding		Color	Part No.	Part No.	Part No.
Power 250 V		L, N, ⏚	gray black	96.031.2053.0 96.031.2053.1	96.031.6053.0 96.031.6053.1	96.131.2053.0 96.131.2053.1
Power 250/400 V		1, 2, ⏚	green	96.031.2055.7	96.031.6055.7	
Extra-low voltage		1, 2, ⏚	brown	96.031.2051.4	96.031.6051.4	
Switch.func. 250 V		1, 2, 3	light blue	96.031.2053.9	96.031.6053.9	

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

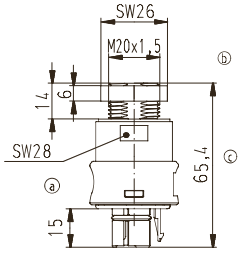
Fine-stranded and stranded wires **without** ferrules

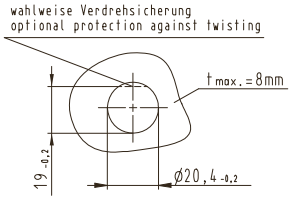
Contacts separately under Accessories.

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	mm²
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	mm²
rigid	
fine-stranded	0.75 – 6.0
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding		Color	Part No.	Part No.	Part No.
Power 250 V		N, L, ⏚	gray black	96.032.2053.0 96.032.2053.1	96.032.6053.0 96.032.6053.1	96.132.2053.0 96.132.2053.1
Power 250/400 V		2, 1, ⏚	green	96.032.2055.7	96.032.6055.7	
Extra-low voltage		2, 1, ⏚	brown	96.032.2051.4	96.032.6051.4	
Switch.func. 250 V		2, 1, 3	light blue	96.032.2053.9	96.032.6053.9	

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

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

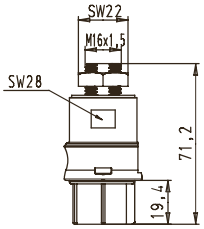
Contacts separately under Accessories.

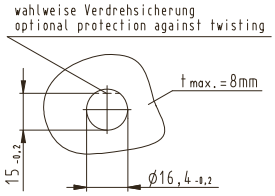
M16 device connector
straight, modular

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.





Application	Coding	Color	with spring clamp connection Part No.	with screw connection Part No.	with crimp connection Part No.
Power 250 V	L, N, ⏚	gray black	96.031.2153.0 96.031.2153.1	96.031.6153.0 96.031.6153.1	96.131.2153.0 96.131.2153.1
Power 250/400 V	1, 2, ⏚	green	96.031.2155.7	96.031.6155.7	
Extra-low voltage	1, 2, ⏚	brown	96.031.2151.4	96.031.6151.4	
Switch.func. 250 V	1, 2, 3	light blue	96.031.2153.9	96.031.6153.9	

with spring clamp connection	
Wire	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection	
Wire	mm2
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

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

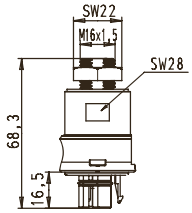
Fine-stranded and stranded wires **without** ferrules

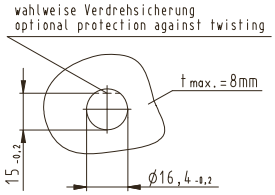
Contacts separately under Accessories.

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.





Application	Coding	Color	with spring clamp connection Part No.	with screw connection Part No.	with crimp connection Part No.
Power 250 V	N, L, ⏚	gray black	96.032.2153.0 96.032.2153.1	96.032.6153.0 96.032.6153.1	96.132.2153.0 96.132.2153.1
Power 250/400 V	2, 1, ⏚	green	96.032.2155.7	96.032.6155.7	
Extra-low voltage	2, 1, ⏚	brown	96.032.2151.4	96.032.6151.4	
Switch.func. 250 V	2, 1, 3	light blue	96.032.2153.9	96.032.6153.9	

with spring clamp connection	
Wire	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M16 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M16 x 1.5
Gland	inside

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

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

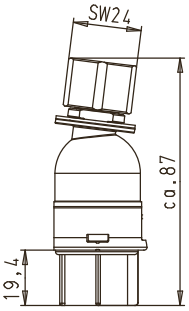
Contacts separately under Accessories.

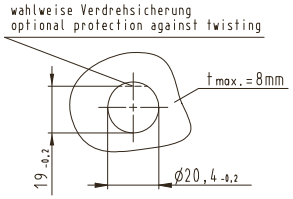
M16 device connector
angled 7°, modular

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.





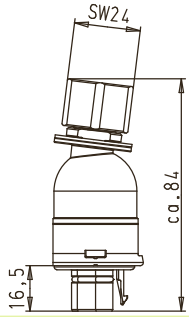
	with spring clamp connection		with screw connection		with crimp connection	
	Wire	mm²	Wire	mm²	Wire	mm²
	rigid	0.5 – 2.5	rigid	0.75 – 6.0	fine-stranded	0.75 – 4.0
	fine-stranded	0.5 – 1.5	fine-stranded		Term. poles	1
	stranded	0.75 – 1.5	stranded		Thread	M16 x 1.5
	Term. poles	2	Term. poles	1	Gland	inside
	Thread	M16 x 1.5	Thread	M16 x 1.5		
	Gland	inside	Gland	inside		

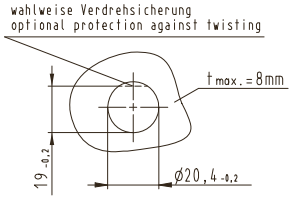
Application	Coding		Color	Part No.	Part No.	Part No.
Power 250 V		L, N, ⏚	gray black	96.035.2153.0 96.035.2153.1	96.035.6153.0 96.035.6153.1	96.135.2153.0 96.135.2153.1
Power 250/400 V		1, 2, ⏚	green	96.035.2155.7	96.035.6155.7	
Extra-low voltage		1, 2, ⏚	brown	96.035.2151.4	96.035.6151.4	
Switch.func. 250 V		1, 2, 3	light blue	96.035.2153.9	96.035.6153.9	
				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.





	with spring clamp connection		with screw connection		with crimp connection	
	Wire	mm²	Wire	mm²	Wire	mm²
	rigid	0.5 – 2.5	rigid	0.75 – 6.0	fine-stranded	0.75 – 4.0
	fine-stranded	0.5 – 1.5	fine-stranded		Term. poles	1
	stranded	0.75 – 1.5	stranded		Thread	M16 x 1.5
	Term. poles	2	Term. poles	1	Gland	inside
	Thread	M16 x 1.5	Thread	M16 x 1.5		
	Gland	inside	Gland	inside		

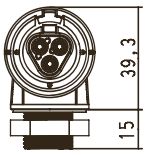
Application	Coding		Color	Part No.	Part No.	Part No.
Power 250 V		N, L, ⏚	gray black	96.036.2153.0 96.036.2153.1	96.036.6153.0 96.036.6153.1	96.136.2153.0 96.136.2153.1
Power 250/400 V		2, 1, ⏚	green	96.036.2155.7	96.036.6155.7	
Extra-low voltage		2, 1, ⏚	brown	96.036.2151.4	96.036.6151.4	
Switch.func. 250 V		2, 1, 3	light blue	96.036.2153.9	96.036.6153.9	
				Fine-stranded and stranded wires **only with** ferrules (see accessories)	Fine-stranded and stranded wires **without** ferrules	Contacts separately under Accessories.

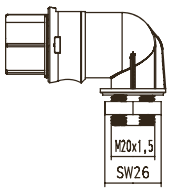
M20 device connector
angled 90°, modular

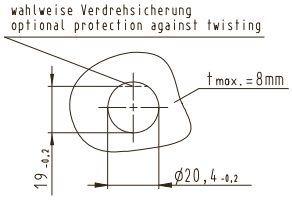
Female connector

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.







with spring clamp connection	
Wire	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	L, N, ⏚	gray black	96.033.2053.0 96.033.2053.1	96.033.6053.0 96.033.6053.1	96.133.2053.0 96.133.2053.1
Power 250/400 V	1, 2, ⏚	green	96.033.2055.7	96.033.6055.7	
Extra-low voltage	1, 2, ⏚	brown	96.033.2051.4	96.033.6051.4	
Switch.func. 250 V	1, 2, 3	light blue	96.033.2053.9	96.033.6053.9	

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

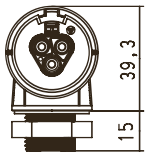
Fine-stranded and stranded wires **without** ferrules

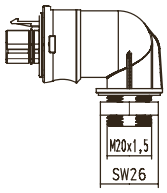
Contacts separately under Accessories.

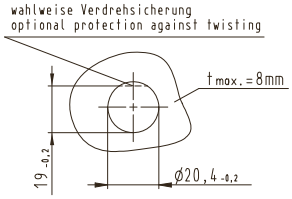
Male connector

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	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M20 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M20 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	N, L, ⏚	gray black	96.034.2053.0 96.034.2053.1	96.034.6053.0 96.034.6053.1	96.134.2053.0 96.134.2053.1
Power 250/400 V	2, 1, ⏚	green	96.034.2055.7	96.034.6055.7	
Extra-low voltage	2, 1, ⏚	brown	96.034.2051.4	96.034.6051.4	
Switch.func. 250 V	2, 1, 3	light blue	96.034.2053.9	96.034.6053.9	

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

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

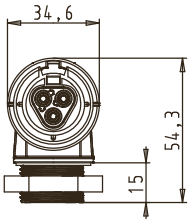
Contacts separately under Accessories.

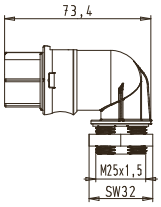
M25 device connector
angled 90°, modular

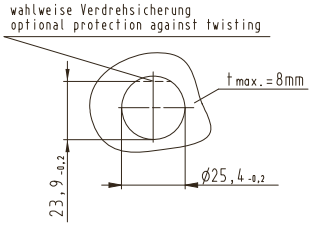
Female connector

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	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	L, N, ⏚	gray black	96.033.2253.0 96.033.2253.1	96.033.6253.0 96.033.6253.1	96.133.2253.0 96.133.2253.1
Power 250/400 V	1, 2, ⏚	green	96.033.2255.7	96.033.6255.7	
Extra-low voltage	1, 2, ⏚	brown	96.033.2251.4	96.033.6251.4	
Switch.func. 250 V	1, 2, 3	light blue	96.033.2253.9	96.033.6253.9	

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

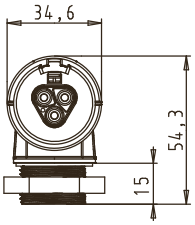
Fine-stranded and stranded wires **without** ferrules

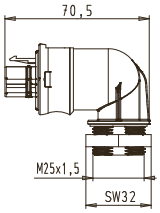
Contacts separately under Accessories.

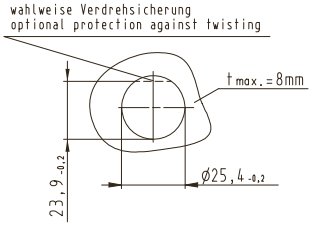
Male connector

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	mm²
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	mm²
rigid	0.75 – 6.0
fine-stranded	
stranded	
Term. poles	1
Thread	M25 x 1.5
Gland	inside

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0
Term. poles	1
Thread	M25 x 1.5
Gland	inside

Application	Coding	Color	Part No.	Part No.	Part No.
Power 250 V	N, L, ⏚	gray black	96.034.2253.0 96.034.2253.1	96.034.6253.0 96.034.6253.1	96.134.2253.0 96.134.2253.1
Power 250/400 V	2, 1, ⏚	green	96.034.2255.7	96.034.6255.7	
Extra-low voltage	2, 1, ⏚	brown	96.034.2251.4	96.034.6251.4	
Switch.func. 250 V	2, 1, 3	light blue	96.034.2253.9	96.034.6253.9	

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

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

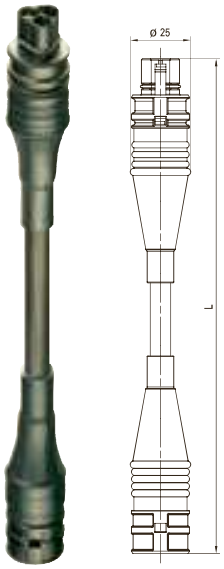
Contacts separately under Accessories.

Cable assemblies
Cable 3 x 1.5 mm²; 16 A

Rated values		
Wire ends	(open cable end)	ultrason. welded
Sheath strip length	(open cable end)	35 mm
Wire strip length	(open cable end)	9 mm

Pull relief	shrinkage tube
Interlock	integrated
Color cable	black
Color shrinkage tube	black

Connection cables female – male

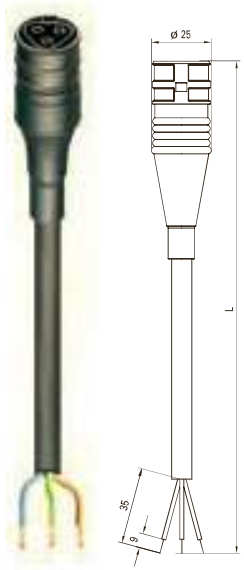


Cable	Length m	Power 250V	Power 250V / 400V	Switching application 250V
PVC cable H05VV-F containing halogen	1	96.232.1000.1	96.232.1001.7	
	2	96.232.2000.1	96.232.2001.7	
	3	96.232.3000.1	96.232.3001.7	
	4	96.232.4000.1	96.232.4001.7	
	5	96.232.5000.1	96.232.5001.7	
	6	96.232.6000.1	96.232.6001.7	
	7	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	on request
	2	96.232.2030.1	96.232.2031.7	
	3	96.232.3030.1	96.232.3031.7	
	4	96.232.4030.1	96.232.4031.7	
	5	96.232.5030.1	96.232.5031.7	
	6	96.232.6030.1	96.232.6031.7	
	7	96.232.7030.1	96.232.7031.7	
	8	96.232.8030.1	96.232.8031.7	

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



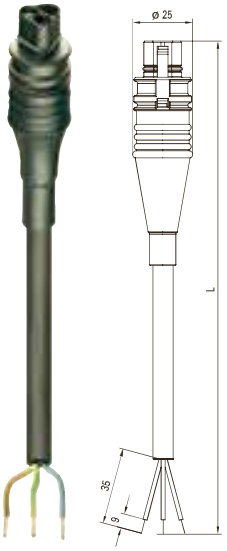
Cable	Length m	Power 250V	Power 250V / 400V	Switching application 250V
PVC cable H05VV-F containing halogen	1	96.232.1003.1	96.232.1005.7	
	2	96.232.2003.1	96.232.2005.7	
	3	96.232.3003.1	96.232.3005.7	
	4	96.232.4003.1	96.232.4005.7	
	5	96.232.5003.1	96.232.5005.7	
	6	96.232.6003.1	96.232.6005.7	
	7	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

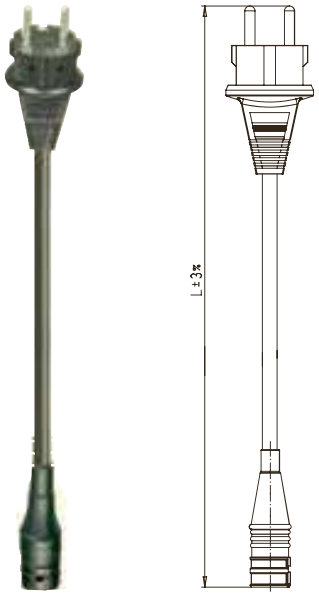


Cable	Length m	Power 250V Part No.	Power 250V / 400V Part No.	Switching application 250V Part No.
PVC cable H05VV-F containing halogen	1	96.232.1004.1	96.232.1006.7	
	2	96.232.2004.1	96.232.2006.7	
	3	96.232.3004.1	96.232.3006.7	
	4	96.232.4004.1	96.232.4006.7	
	5	96.232.5004.1	96.232.5006.7	
	6	96.232.6004.1	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

Power Connection cable
Male: european standard (SKII) – female: ***RST***®



Cable	Length m	Power 250V Color: gray Part No.
PVC cable H05VV-F containing halogen	1.5	99.714.0000.7
	2.5	99.715.0000.7

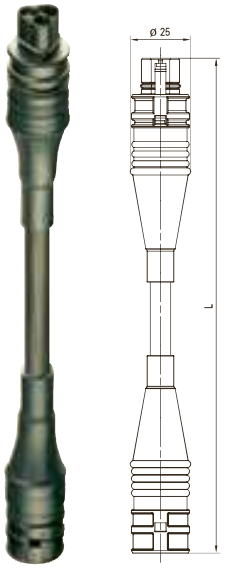
Cable	Length m	Power 250V Color: black Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.5	99.712.0000.7
	2.5	99.713.0000.7
	4	99.716.0000.7
	5	99.718.0000.7
	8	99.717.0000.7

Cable assemblies
Cable 3 x 2.5 mm²; 20 A

Rated values		
Wire ends	(open cable end)	ultrason. welded
Sheath strip length	(open cable end)	35 mm
Wire strip length	(open cable end)	9 mm

Pull relief	shrinkage tube
Interlock	integrated
Color cable	black
Color shrinkage tube	black

Connection cables female – male

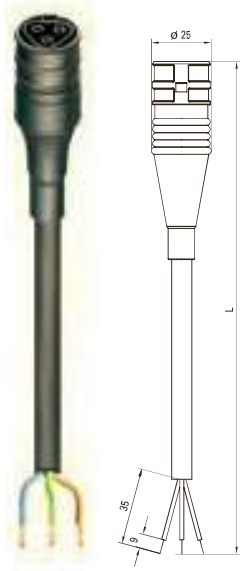


Cable	Length m	Power 250V Part No.	Power 250V / 400V Part No.
PVC cable H05VV-F containing halogen	1	96.233.1000.1	96.233.1001.7
	2	96.233.2000.1	96.233.2001.7
	3	96.233.3000.1	96.233.3001.7
	4	96.233.4000.1	96.233.4001.7
	5	96.233.5000.1	96.233.5001.7
	6	96.233.6000.1	96.233.6001.7
	7	96.233.7000.1	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



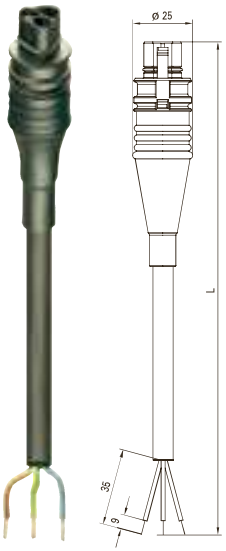
Cable	Length m	Power 250V Part No.	Power 250V / 400V Part No.
PVC cable H05VV-F containing halogen	1	96.233.1003.1	96.233.1005.7
	2	96.233.2003.1	96.233.2005.7
	3	96.233.3003.1	96.233.3005.7
	4	96.233.4003.1	96.233.4005.7
	5	96.233.5003.1	96.233.5005.7
	6	96.233.6003.1	96.233.6005.7
	7	96.233.7003.1	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	Power 250V Part No.	Power 250V / 400V 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

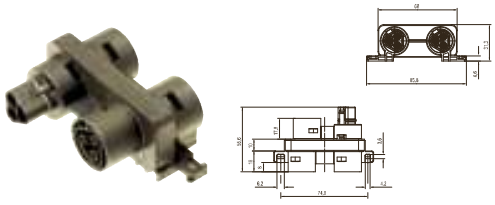
Cable	Length m	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.233.1034.1	96.233.1036.7
	2	96.233.2034.1	96.233.2036.7
	3	96.233.3034.1	96.233.3036.7
	4	96.233.4034.1	96.233.4036.7
	5	96.233.5034.1	96.233.5036.7
	6	96.233.6034.1	96.233.6036.7
	7	96.233.7034.1	96.233.7036.7
	8	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

Distribution units

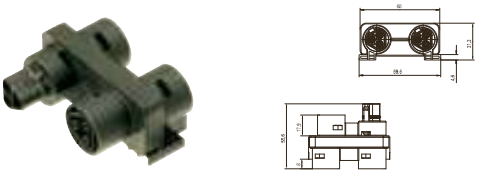
Distribution block 1I/3O

Interlock Yes



with fastening option

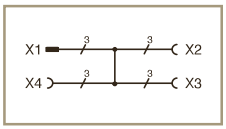
Color	Application	Pole marking	Input	Outputs	Part No.
black	Power 250 V	L, N, PE	1	3	96.030.0153.1
light grey	Power 250 V	L, N, PE	1	3	96.030.0153.0
green	Power 250 V/400 V	1, 2, PE	1	3	96.030.0155.7
brown	50 V + PE	1, 2, PE	1	3	96.030.0151.4



without fastening option

Color	Application	Pole marking	Input	Outputs	Part No.
black	Power 250 V	L, N, PE	1	3	96.030.0253.1
light grey	Power 250 V	L, N, PE	1	3	96.030.0253.0
green	Power 250 V/400 V	1, 2, PE	1	3	96.030.0255.7
brown	50 V + PE	1, 2, PE	1	3	96.030.0251.4

Circuit diagram



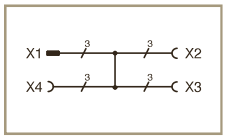
RST compact distribution unit 1I/3O

Dimensions 104 x 162 x 57.2 mm

fitted as required with M25 device connectors 3-pole
pre-wired with 2.5 mm² (halogen free)
Mounting option Yes

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

Circuit diagram



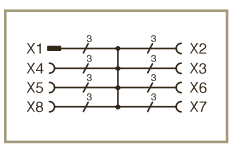
RST multi-distribution unit 1I/7O

Dimensions 104 x 162 x 96 mm

fitted as required with M25 device connectors 3-pole
pre-wired with 2.5 mm² (halogen free)
Fuse 6.3 or 10A can be integrated

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

Circuit diagram



Detailed information about the distribution units available in section "Distribution units".

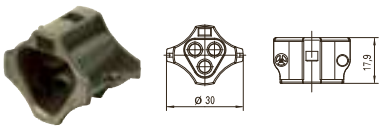
Accessories

Cover pieces

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

for female

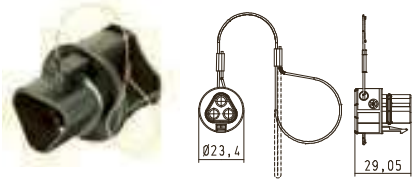
for male



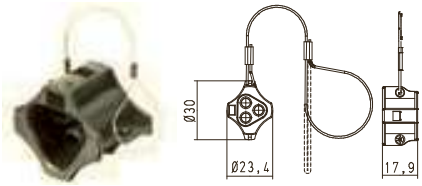
not captive against loss

Color	for female Part No.	for male Part No.
gray	Z5.564.4553.0	05.564.4453.0
■ black	Z5.564.4553.1	05.564.4453.1

for female



for male

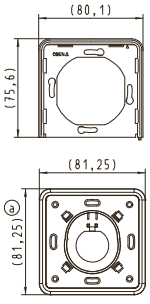


captive against loss

Color	for female Part No.	for male Part No.
gray	99.413.6205.2	99.415.6205.2
■ black	99.414.6205.2	99.416.6205.2

Socket frame for device connectors M25 (female)

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



Color	Part No.
☐ white	99.400.9999.7