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.

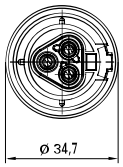
				Application	Power		Power	Extra-low voltage	Switch function
				Mechanical coding, for example	250V L, N, ⏚		250/400V 1, 2, ⏚	signals bus 50V 1, 2, ⏚	250V 1, 2, 3/N
Name	**Description**	**Connection style**	**Strain relief housing**	**Connection points per pole**	gray	black	green	brown	light blue
Connector	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	✓	✓			

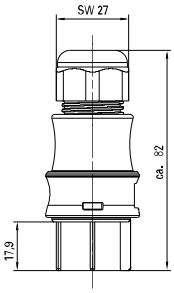
Connectors, straight
for cables Ø 6 – 10 mm and 10 – 14 mm

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.	
Wire	mm²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection[1]	
Wire	mm²
rigid	0.75 – 6.0[2]
fine-stranded	
stranded	

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0

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/N	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)

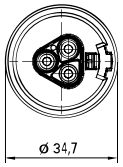
Fine-stranded and stranded wires **without** ferrules

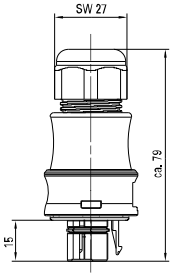
Contacts separately under Accessories.

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.	
Wire	mm²
rigid	0.5 – 2.5
fine-stranded	0.5 – 1.5
stranded	0.75 – 1.5

with screw connection[1]	
Wire	mm²
rigid	0.75 – 6.0[2]
fine-stranded	
stranded	

with crimp connection	
Wire	mm²
fine-stranded	0.75 – 4.0

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/N	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.

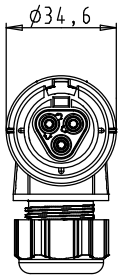
[1] With wire protection available on request
[2] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

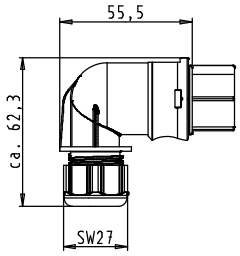
Connectors, angled 90°
for cables Ø 6 – 10 mm and 10 – 14 mm

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	mm²	mm²
rigid	0.5 – 2.5	0.75 – 6.0[2]	
fine-stranded	0.5 – 1.5		0.75 – 4.0
stranded	0.75 – 1.5		

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/N	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)

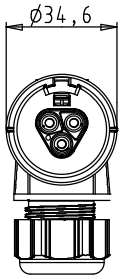
Fine-stranded and stranded wires **without** ferrules

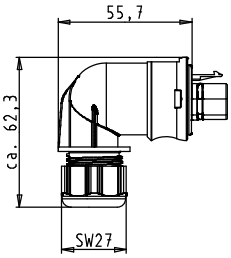
Contacts separately under Accessories.

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	mm²	mm²
rigid	0.5 – 2.5	0.75 – 6.0[2]	
fine-stranded	0.5 – 1.5		0.75 – 4.0
stranded	0.75 – 1.5		

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/N	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.

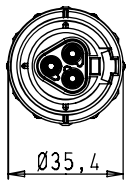
[1] With wire protection available on request
[2] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

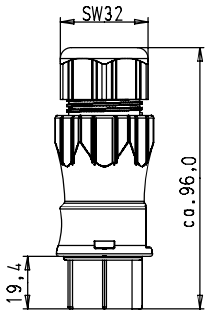
Connectors, straight
for cables Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

See Technical Data for sheath and insulation strip lengths.





with screw connection[1)]

Wire	mm²	
rigid	0.75 – 6.0[2)]	without ferrules
fine-stranded		without ferrules
stranded		

with crimp connection

Wire	mm²	
fine-stranded	0.75 – 4.0	

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	

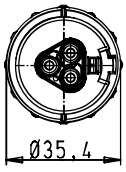
Fine-stranded and stranded wires **without** ferrules

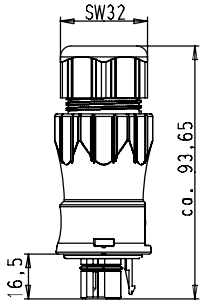
Contacts separately under Accessories.

Male connector

Unmounted with cable gland and locking device.

See Technical Data for sheath and insulation strip lengths.





with screw connection[1)]

Wire	mm²	
rigid	0.75 – 6.0[2)]	without ferrules
fine-stranded		without ferrules
stranded		

with crimp connection

Wire	mm²	
fine-stranded	0.75 – 4.0	

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.

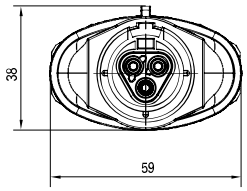
[1)] With wire protection available on request
[2)] With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

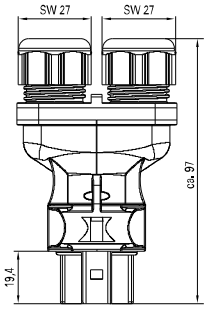
Splitter connector, straight
for cables Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

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



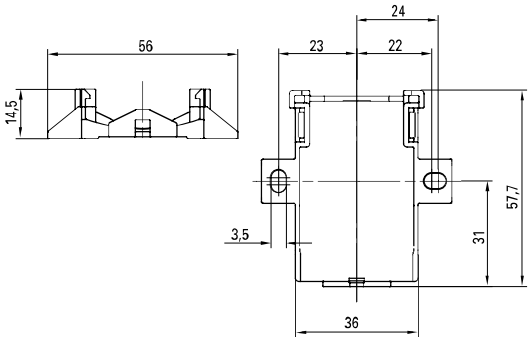


				with spring clamp connection			with screw connection[1)]		
				Leitungen	mm²		Leitungen	mm²	
				rigid	0.5 – 2.5		rigid	0.75 – 2.5	
				fine-stranded	0.5 – 1.5	with ferrules	fine-stranded		
				stranded	0.75 – 1.5	with ferrules	stranded		
Application	Coding	Cable diameter in mm	Color	Part No.			Part 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	green	96.031.0255.7			96.031.4255.7		
		10 – 14		96.031.0355.7			96.031.4355.7		

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 black	01.006.1553.0 01.006.1553.1

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[1)] With wire protection available on request

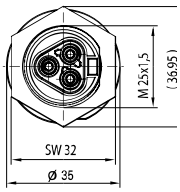
M25 device connector
straight, standard

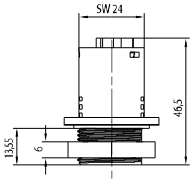
Female connector

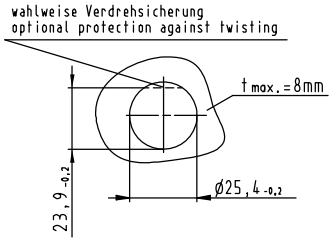
Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

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/N	light blue	96.031.1053.9	96.031.5053.9	

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

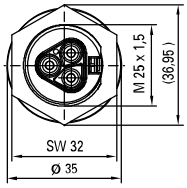
Fine-stranded and stranded wires **without** ferrules

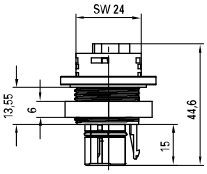
Contacts separately under Accessories.

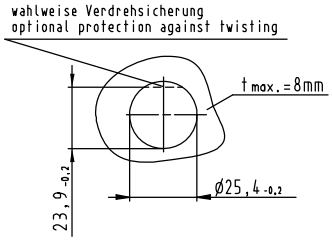
Male connector

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/N	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

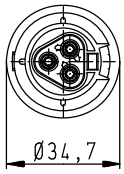
Contacts separately under Accessories.

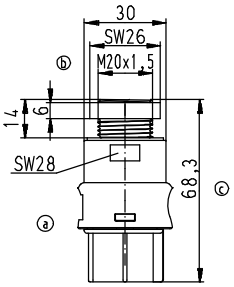
M20 device connector
straight, modular

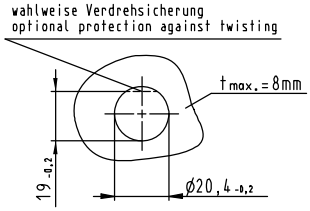
Female connector

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.







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	96.031.2053.0 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/N	light blue	96.031.2053.9	96.031.6053.9	

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	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

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

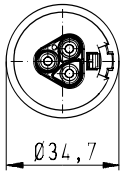
Fine-stranded and stranded wires **without** ferrules

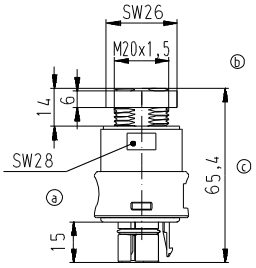
Contacts separately under Accessories.

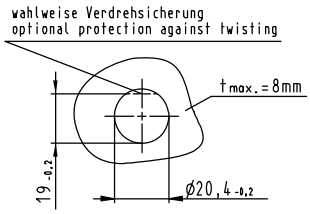
Male connector

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	96.032.2053.0 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/N	light blue	96.032.2053.9	96.032.6053.9	

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	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

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

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

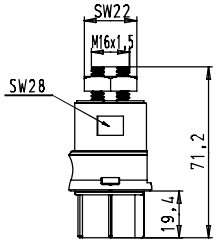
Contacts separately under Accessories.

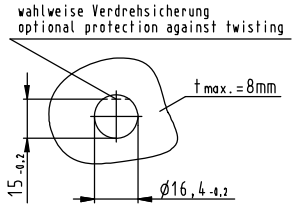
M16 device connector
straight, modular

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/N	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)

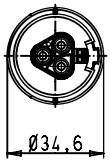
Fine-stranded and stranded wires **without** ferrules

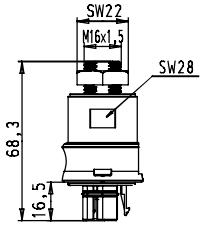
Contacts separately under Accessories.

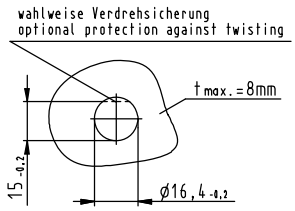
Male connector

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/N	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

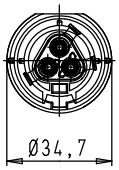
Contacts separately under Accessories.

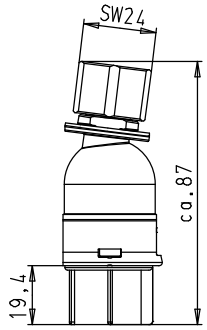
M16 device connector
angled 7°, modular

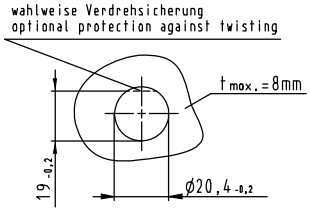
Female connector

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	
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

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/N	light blue	96.035.2153.9	96.035.6153.9	

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

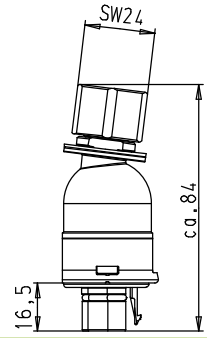
Fine-stranded and stranded wires **without** ferrules

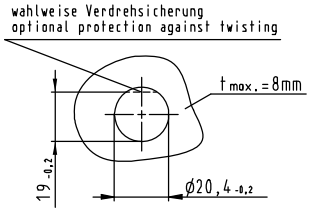
Contacts separately under Accessories.

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	
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

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/N	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

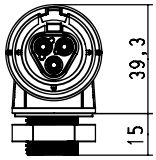
Contacts separately under Accessories.

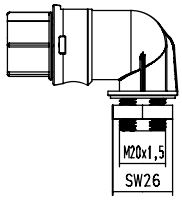
M20 device connector
angled 90°, modular

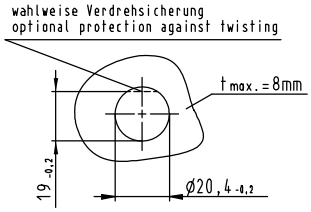
Female connector

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/N	light blue	96.033.2053.9	96.033.6053.9	

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

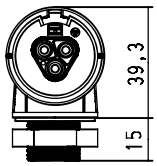
Fine-stranded and stranded wires **without** ferrules

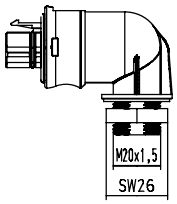
Contacts separately under Accessories.

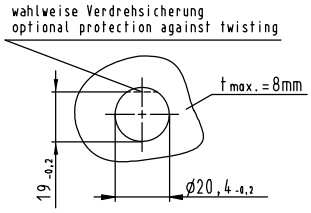
Male connector

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/N	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

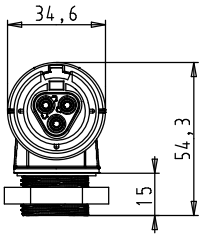
Contacts separately under Accessories.

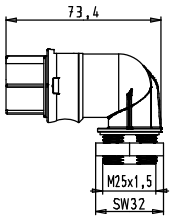
M25 device connector
angled 90°, modular

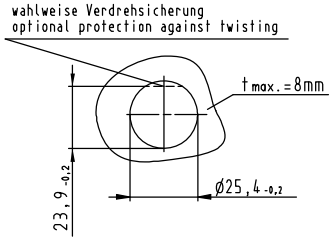
Female connector

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/N	light blue	96.033.2253.9	96.033.6253.9	

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

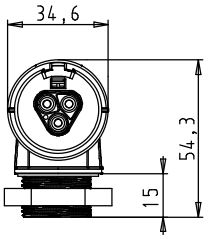
Fine-stranded and stranded wires **without** ferrules

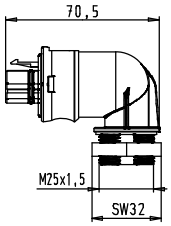
Contacts separately under Accessories.

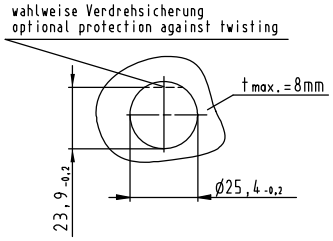
Male connector

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/N	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

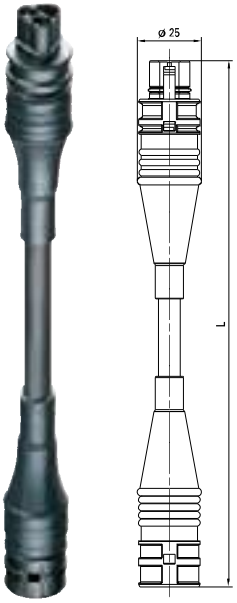
Contacts separately under Accessories.

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

Connection type cable	Shrinkage tube
Lockable	yes, loosening with screw driver
Color cable	black
Color shrinkage tube	black

Connection cables female – male



Power 250V ⏚ = GN/YE, N = BU, L = BN

Power 250V / 400V ⏚ = GN/YE, 1 = BU, 2 = BN

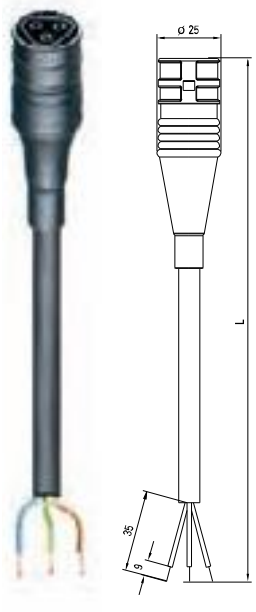
Switching application 250V 3/N = GN/YE, 1 = BU, 2 = BN

Cable	Length m	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	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	96.432.1050.1
	2	96.432.2050.1
	3	96.432.3050.1
	4	96.432.4050.1
	5	96.432.5050.1
	6	96.432.6050.1
	7	96.432.7050.1
	8	96.432.8050.1

Connection cables female – free end



Power 250V ⏚ = GN/YE, N = BU, L = BN

Power 250V / 400V ⏚ = GN/YE, 1 = BU, 2 = BN

Switching application 250V 3/N = GN/YE, 1 = BU, 2 = BN

Cable	Length m	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

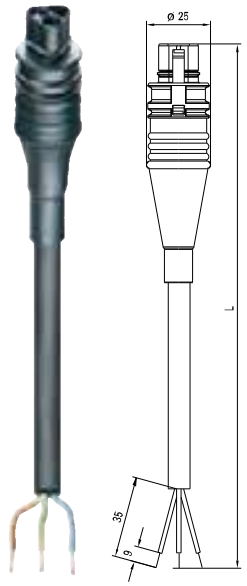
Cable	Length m	Part No.	Part No.	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1	96.232.1033.1	96.232.1035.7	on request
	2	96.232.2033.1	96.232.2035.7	
	3	96.232.3033.1	96.232.3035.7	
	4	96.232.4033.1	96.232.4035.7	
	5	96.232.5033.1	96.232.5035.7	
	6	96.232.6033.1	96.232.6035.7	
	7	96.232.7033.1	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	96.432.1053.1
	2	96.432.2053.1
	3	96.432.3053.1
	4	96.432.4053.1
	5	96.432.5053.1
	6	96.432.6053.1
	7	96.432.7053.1
	8	96.432.8053.1

 Other cable lengths, other codings upon request

Cable assemblies
Cable 3 x 1.5 mm²; 16 A

Connection cables male – free end

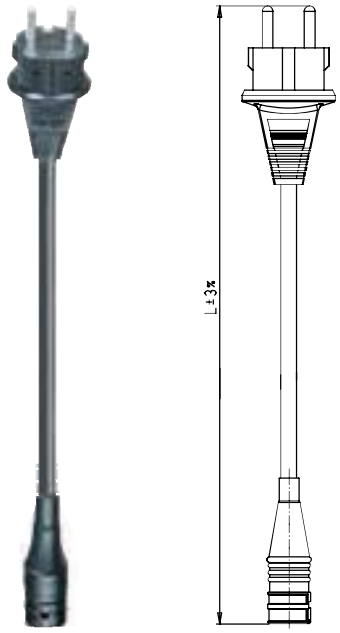


Cable	Length m	Power 250V ⏚ = GN/YE N = BU L = BN	Power 250V / 400V ⏚ = GN/YE 1 = BU 2 = BN	Switching application 250V 3/N = GN/YE 1 = BU 2 = BN
PVC cable H05VV-F containing halogen	1	96.232.1004.1	96.232.1006.7	
	2	96.232.2004.1	96.232.2006.7	
	3	96.232.3004.1	96.232.3006.7	
	4	96.232.4004.1	96.232.4006.7	
	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	96.432.1054.1
	2	96.432.2054.1
	3	96.432.3054.1
	4	96.432.4054.1
	5	96.432.5054.1
	6	96.432.6054.1
	7	96.432.7054.1
	8	96.432.8054.1

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



Power 250V Color: gray

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

Power 250V Color: black

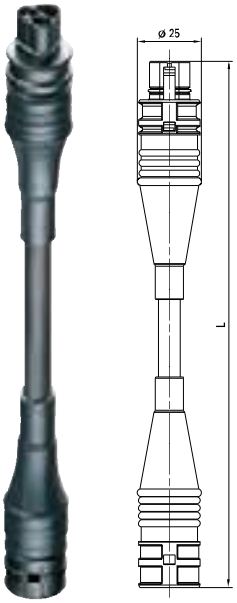
Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F containing halogen	1.5	99.712.0000.7
	2.5	99.713.0000.7
	4	99.716.0000.7
	5	99.718.0000.7
	8	99.717.0000.7

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

Connection type cable	Shrinkage tube
Lockable	yes, loosening with screw driver
Color cable	black
Color shrinkage tube	black

Connection cables female – male



Power 250V

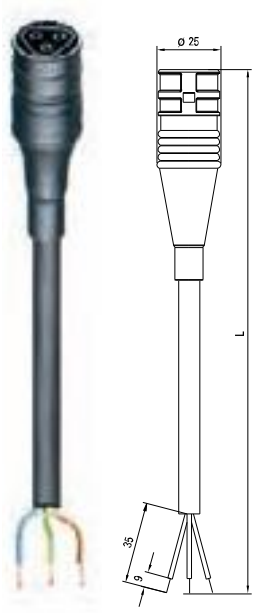
Power 250V / 400V

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	96.433.1050.1
	2	96.433.2050.1
	3	96.433.3050.1
	4	96.433.4050.1
	5	96.433.5050.1
	6	96.433.6050.1
	7	96.433.7050.1
	8	96.433.8050.1

Connection cables female – free end



Power 250V

Power 250V / 400V

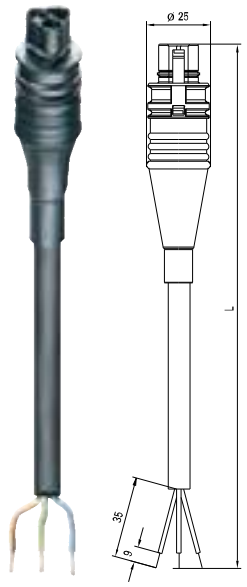
Cable	Length m	Part No.	Part No.
PVC cable H05VV-F containing halogen	1	96.233.1003.1	96.233.1005.7
	2	96.233.2003.1	96.233.2005.7
	3	96.233.3003.1	96.233.3005.7
	4	96.233.4003.1	96.233.4005.7
	5	96.233.5003.1	96.233.5005.7
	6	96.233.6003.1	96.233.6005.7
	7	96.233.7003.1	96.233.7005.7
	8	96.233.8003.1	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	96.433.1053.1
	2	96.433.2053.1
	3	96.433.3053.1
	4	96.433.4053.1
	5	96.433.5053.1
	6	96.433.6053.1
	7	96.433.7053.1
	8	96.433.8053.1

Cable assemblies
Cable 3 x 2.5 mm²; 20 A

Connection cables male – free end



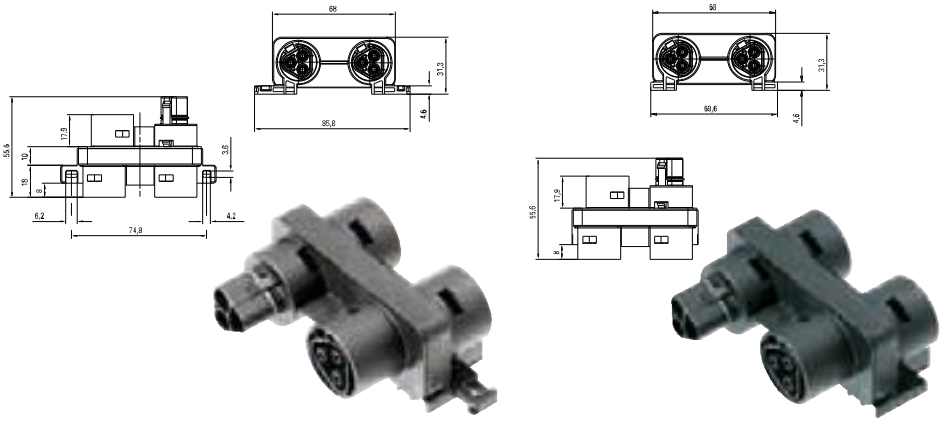
Cable	Length m	Power 250V ⏚ = GN/YE N = BU L = BN	Power 250V / 400V ⏚ = GN/YE 1 = BU 2 = BN
PVC cable H05VV-F containing halogen	1	96.233.1004.1	96.233.1006.7
	2	96.233.2004.1	96.233.2006.7
	3	96.233.3004.1	96.233.3006.7
	4	96.233.4004.1	96.233.4006.7
	5	96.233.5004.1	96.233.5006.7
	6	96.233.6004.1	96.233.6006.7
	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

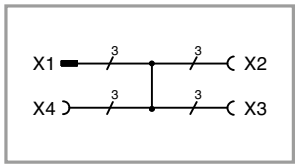
Cable	Length m	Part No.
Rubber-sheathed cable H07RN-F enhanced version halogen-free	1	96.433.1054.1
	2	96.433.2054.1
	3	96.433.3054.1
	4	96.433.4054.1
	5	96.433.5054.1
	6	96.433.6054.1
	7	96.433.7054.1
	8	96.433.8054.1

Distribution block

Distribution block 1I/3O



Circuit diagram



with mounting option	
Locking device	yes
Input	1
Outputs	3

without mounting option	
Locking device	yes
Input	1
Outputs	3

Application	Coding	Color	Part No.	Part No.
Power 250V	L, N, ⏚	black light gray	96.030.0153.1 96.030.0153.0	96.030.0253.1 96.030.0253.0
Power 250 / 400V	1, 2, ⏚	green	96.030.0155.7	96.030.0255.7
50V + ⏚	1, 2, ⏚	brown	96.030.0151.4	96.030.0251.4

Distribution unit

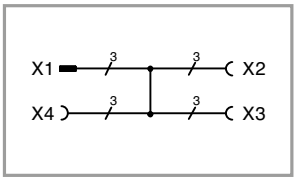
RST compact distribution unit 1I/3O

Name	Color	Part No.
RST compact distribution unit	black	99.906.0000.7

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

Dimensions	104 x 162 x 57.2 mm
Fitted as required with	M25 Device connectors 3-polee
Input	1, RST20i3
Outputs	3, RST20i3
Prewired with	2.5 mm² (halogen-free)
Fastening options	yes

Circuit diagram



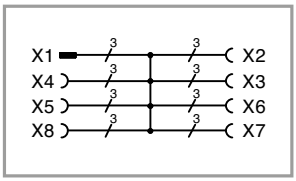
RST multi-distribution unit 1I/7O

Name	Color	Part No.
RST multi-distribution unit	black	99.929.0000.7

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

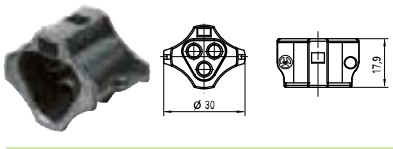
Dimensions	104 x 162 x 96 mm
Fitted as required with	M25 Device connectors 3-polee
Input	1, RST20i3
Outputs	7, RST20i3
Prewired with	2.5 mm² (halogen-free)
Fuses	6.3 or 10 A can be integrated

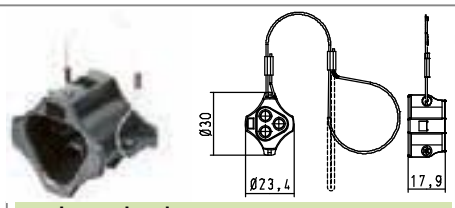
Circuit diagram



Accessories – Cover pieces

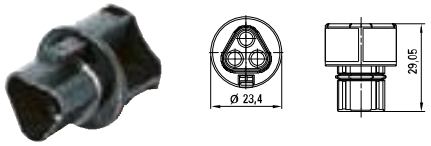
Female connector
2 to 3-pole





	not captive against loss	captive against loss
Pole	2 – 3-pole	2 – 3-pole
Safe locking	unused male connectors	unused male connectors
Color	Part No.	Part No.
gray	05.564.4453.0	99.415.6205.2
black	05.564.4453.1	99.416.6205.2

Male connector
2 to 3-pole



	not captive against loss	captive against loss
Pole	2 – 3-pole	2 – 3-pole
Safe locking	unused female connectors	unused female connectors
Color	Part No.	Part No.
gray	Z5.564.4553.0	99.413.6205.2
black	Z5.564.4553.1	99.414.6205.2

Accessories Crimp

Female contacts
for connectors RST 20i3

Name		Marking (groove) mm²	Part No.	Units per pack
Crimp contact	1	0.75 – 1.0	02.122.9000.0	100
Crimp contact	unmarked	1.5	02.122.9100.0	100
Crimp contact	1	2.5	02.122.9200.0	100
Crimp contact	unmarked	4.0	02.122.9300.0	100

Male contacts
for connectors RST 20i3

Name		Marking (groove) mm²	Part No.	Units per pack
Crimp contact	1	0.75 – 1.0	05.544.7800.0	100
Crimp contact	unmarked	1.5	05.544.7900.0	100
Crimp contact	1	2.5	05.544.8000.0	100
Crimp contact	unmarked	4.0	05.545.4600.0	100

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