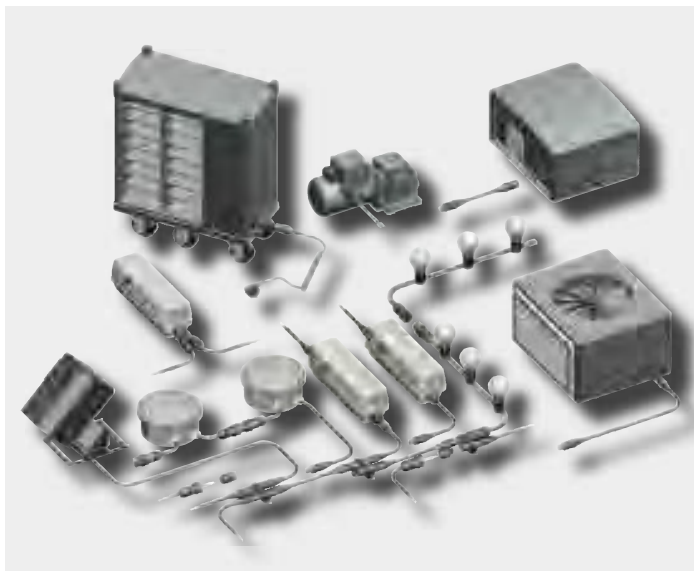


Standard variant for network applications – polyphase systems, switching applications 250 V and low voltage

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

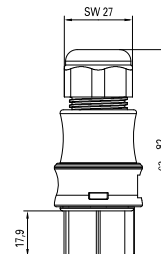
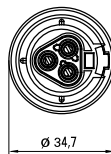
For daily updates visit the website at http://eshop.wieland-electric.com . Assembly instructions and other technical information can be found in the Technical Data or in e-KAT.					Application				
					Power	Power	Extra-low voltage	Switch function	Mechanical coding, for example
					250V L, N, ⊕	250/400V 1, 2, ⊕	50V signals bus 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 11/3.0				✓	✓	✓	✓	✓
	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	✓	✓			

Connector for cables of 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.

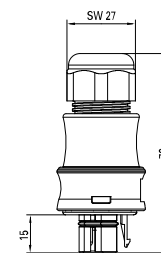
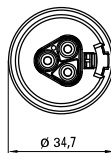


Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
				with spring clamp conn.	with screw connection¹⁾	with crimp connection
				Wire	Wire	Wire
				rigid	rigid	fine-stranded
				mm ²	mm ²	mm ²
				0.5 – 2.5	0.75 – 6.0 ²⁾	0.75 – 4.0 ²⁾
				fine-stranded	fine-stranded	
				0.5 – 1.5		
				stranded	stranded	
				0.75 – 1.5		
Power 250 V	L, N, ⊕	6 – 10	gray black	96.031.0053.0	96.031.4053.0	96.131.0053.0
		10 – 14	gray black	96.031.0053.1	96.031.4053.1	96.131.0053.1
				96.031.0153.0	96.031.4153.0	96.131.0153.0
				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.



Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
				with spring clamp conn.	with screw connection¹⁾	with crimp connection
				Wire	Wire	Wire
				rigid	rigid	fine-stranded
				mm ²	mm ²	mm ²
				0.5 – 2.5	0.75 – 6.0 ²⁾	0.75 – 4.0 ²⁾
				fine-stranded	fine-stranded	
				0.5 – 1.5		
				stranded	stranded	
				0.75 – 1.5		
Power 250 V	N, L, ⊕	6 – 10	gray black	96.032.0053.0	96.032.4053.0	96.132.0053.0
		10 – 14	gray black	96.032.0053.1	96.032.4053.1	96.132.0053.1
				96.032.0153.0	96.032.4153.0	96.132.0153.0
				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

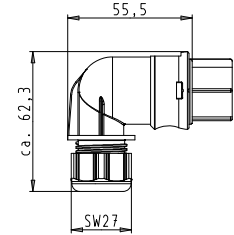
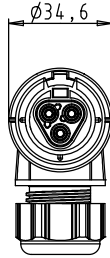
²⁾ With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connector, angled for cables of 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.



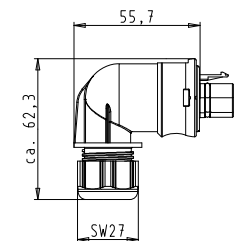
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
				with spring clamp conn.	with screw connection¹⁾	with crimp connection
				Wire mm ²	Wire mm ²	Wire mm ²
				rigid 0.5 – 2.5	rigid 0.75 – 6.0 ²⁾	fine-stranded 0.75 – 4.0 ²⁾
				fine-stranded 0.5 – 1.5	fine-stranded 0.75 – 6.0 ²⁾	
				stranded 0.75 – 1.5	stranded	
Power 250 V	L, N, ⊕	6 – 10	gray	96.033.0053.0	96.033.4053.0	96.133.0053.0
		10 – 14	black	96.033.0053.1	96.033.4053.1	96.133.0053.1
			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.



Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	Part No.
				with spring clamp conn.	with screw connection¹⁾	with crimp connection
				Wire mm ²	Wire mm ²	Wire mm ²
				rigid 0.5 – 2.5	rigid 0.75 – 6.0 ²⁾	fine-stranded 0.75 – 4.0 ²⁾
				fine-stranded 0.5 – 1.5	fine-stranded 0.75 – 6.0 ²⁾	
				stranded 0.75 – 1.5	stranded	
Power 250 V	N, L, ⊕	6 – 10	gray	96.034.0053.0	96.034.4053.0	96.134.0053.0
		10 – 14	black	96.034.0053.1	96.034.4053.1	96.134.0053.1
			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

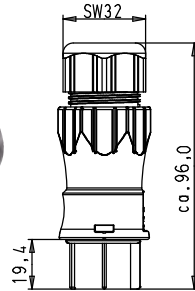
²⁾ With 6,0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connector for cables of Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

See Technical Data for sheath and insulation strip lengths.

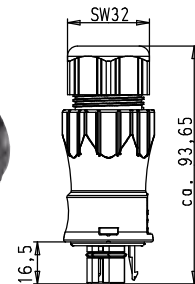


Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
				with screw connection¹⁾	with crimp connection
				Wire mm ²	Wire mm ²
				rigid	fine-stranded
				fine-stranded	0,75 – 4,0
				stranded	
Power 250 V	L, N, ⊕	13 – 18	gray black	96.031.4553.0	96.131.4553.0
Power 250/400 V	1, 2, ⊕	13 – 18	green	96.031.4553.1	96.131.4553.1
				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.



Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
				with screw connection¹⁾	with crimp connection
				Wire mm ²	Wire mm ²
				rigid	fine-stranded
				fine-stranded	0,75 – 4,0
				stranded	
Power 250 V	N, L, ⊕	13 – 18	gray black	96.032.4553.0	96.132.4553.0
Power 250/400 V	2, 1, ⊕	13 – 18	green	96.032.4553.1	96.132.4553.1
				96.032.4555.7	
				Fine-stranded and stranded wires without ferrules	Contacts separately under Accessories

¹⁾ With wire protection available on request

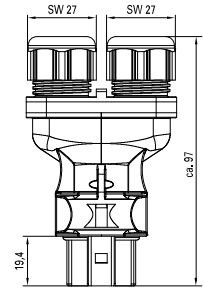
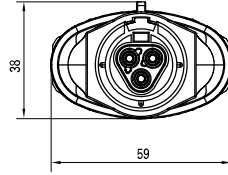
²⁾ With 6,0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Splitter connector

Female connector

Unmounted with cable glands.

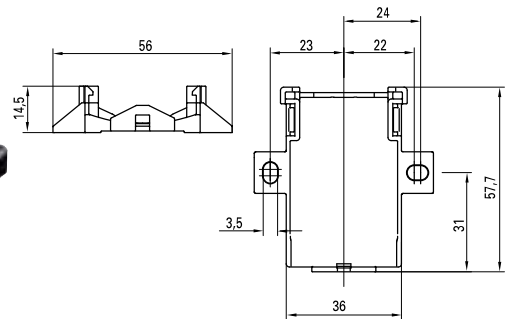
See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
				with spring clamp conn.	with screw connection¹⁾
				Wire mm ²	Wire mm ²
				rigid 0.5 – 2.5	rigid
				fine-stranded 0.5 – 1.5	fine-stranded 0.75 – 2.5
				stranded 0.75 – 1.5	stranded
Power 250 V	L, N, ⊕	6 – 10	gray	96.031.0253.0	96.031.4253.0
		10 – 14	black	96.031.0253.1	96.031.4253.1
			gray	96.031.0353.0	96.031.4353.0
			black	96.031.0353.1	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	01.006.1553.0
black	01.006.1553.1

¹⁾ With wire protection available on request

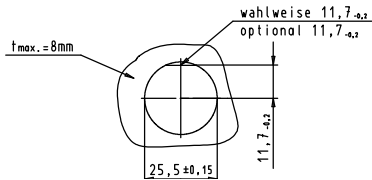
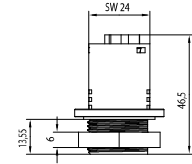
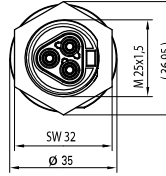
M 25 device connector, standard

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.



Netz 250 V		L, N,	gray black
Power 250/400 V		1, 2,	green
Extra-low voltage		1, 2,	brown
Switch,func. 250 V		1, 2, 3	light blue

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

96.031.1053.0
96.031.1053.1
96.031.1055.7
96.031.1051.4
96.031.1053.9

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

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

96.031.5053.0
96.031.5053.1
96.031.5055.7
96.031.5051.4
96.031.5053.9

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

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

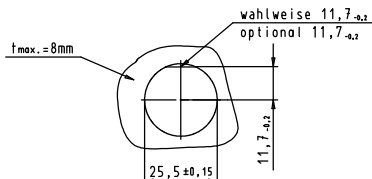
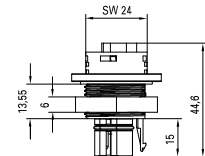
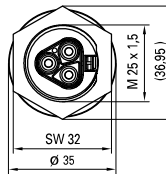
96.131.1053.0
96.131.1053.1

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.



Power 250 V		N, L,	gray black
Power 250/400 V		2, 1,	green
Extra-low voltage		2, 1,	brown
Switch,func. 250 V		2, 1, 3	light blue

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

96.032.1053.0
96.032.1053.1
96.032.1055.7
96.032.1051.4
96.032.1053.9

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

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

96.032.5053.0
96.032.5053.1
96.032.5055.7
96.032.5051.4
96.032.5053.9

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

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

96.132.1053.0
96.132.1053.1

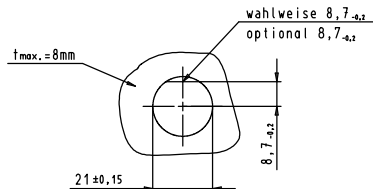
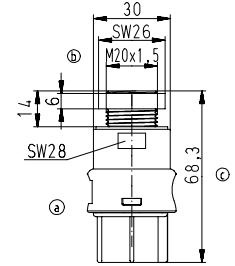
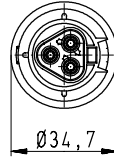
Contacts separately under Accessories

M 20 device connector, modular, straight

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.



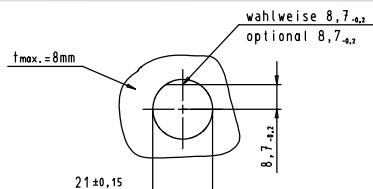
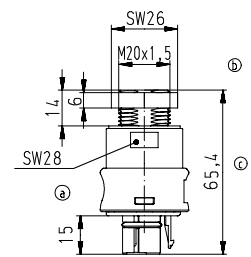
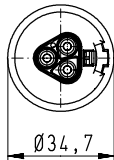
Application	Coding	Color
Power 250 V	L, N, ⊕	gray black
Power 250/400 V	1, 2, ⊕	green
Extra-low voltage	1, 2, ⊕	brown
Switch, func. 250 V	1, 2, 3, ⊕	light blue

Part No.	Part No.	Part No.	
with spring clamp conn.			
Wire	mm ²	with screw connection	
rigid	0.5 – 2.5	Wire	
fine-stranded	0.5 – 1.5	rigid	mm ²
stranded	0.75 – 1.5	fine-stranded	0.75 – 6.0
Term. poles	2	stranded	
Thread	M20 x 1.5	Term. poles	1
Gland	inside	Thread	M20 x 1.5
		Gland	inside
96.031.2053.0	96.031.6053.0	96.131.2053.0	
96.031.2053.1	96.031.6053.1	96.131.2053.1	
96.031.2055.7	96.031.6055.7		
96.031.2051.4	96.031.6051.4		
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.



Application	Coding	Color
Power 250 V	N, L, ⊕	gray black
Power 250/400 V	2, 1, ⊕	green
Extra-low voltage	2, 1, ⊕	brown
Switch, func. 250 V	2, 1, 3, ⊕	light blue

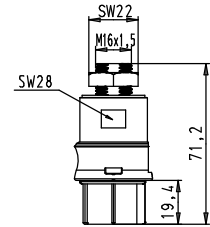
Part No.	Part No.	Part No.	
with spring clamp conn.			
Wire	mm ²	with screw connection	
rigid	0.5 – 2.5	Wire	
fine-stranded	0.5 – 1.5	rigid	mm ²
stranded	0.75 – 1.5	fine-stranded	0.75 – 6.0
Term. poles	2	stranded	
Thread	M20 x 1.5	Term. poles	1
Gland	inside	Thread	M20 x 1.5
		Gland	inside
96.032.2053.0	96.032.6053.0	96.132.2053.0	
96.032.2053.1	96.032.6053.1	96.132.2053.1	
96.032.2055.7	96.032.6055.7		
96.032.2051.4	96.032.6051.4		
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	

M 16 device connector, modular, straight

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.

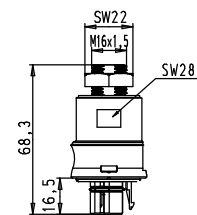


Application	Coding	Color	Part No.	Part No.	Part No.																												
			with spring clamp conn.		with screw connection																												
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Power 250/400 V		1, 2, green	96.031.2155.7	96.031.6155.7	96.131.2153.1																												
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																													
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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.



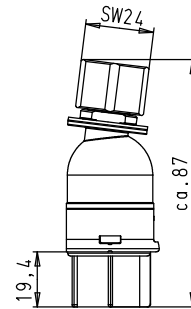
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Power 250 V		N, L, gray black	96.032.2153.0	96.032.6153.0	96.132.2153.0																												
Power 250/400 V		2, 1, green	96.032.2153.1	96.032.6153.1	96.132.2153.1																												
Extra-low voltage		2, 1, brown	96.032.2151.4	96.032.6151.4																													
Switch,func. 250 V		2, 1, 3, light blue	96.032.2153.9	96.032.6153.9																													
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M 16 device connector, modular, 7° angle

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.



Application	Coding	Color
Power 250 V	L, N	gray black
Power 250/400 V	1, 2	green
Extra-low voltage	1, 2	brown
Switch.func. 250 V	1, 2, 3	light blue

Part No.	with spring clamp conn.
	Wire mm ²
	rigid 0.5 – 2.5
	fine-stranded 0.5 – 1.5
	stranded 0.75 – 1.5
	Term. poles 2
	Thread M16 x 1.5
	Gland inside
96.035.2153.0	
96.035.2153.1	
96.035.2155.7	
96.035.2151.4	
96.035.2153.9	

Part No.	with screw connection
	Wire mm ²
	rigid 0.5 – 2.5
	fine-stranded 0.75 – 6.0
	stranded 0.75 – 1.5
	Term. poles 1
	Thread M16 x 1.5
	Gland inside
96.035.6153.0	
96.035.6153.1	
96.035.6155.7	
96.035.6151.4	
96.035.6153.9	

Part No.	with crimp connection
	Wire mm ²
	fine-stranded 0.75 – 4.0 ²⁾
	Term. poles 1
	Thread M16 x 1.5
	Gland inside
96.135.2153.0	
96.135.2153.1	

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

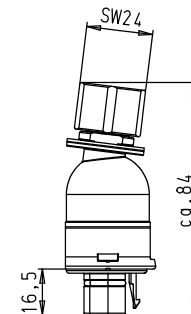
Fine-stranded and stranded wires **without** ferrules

Contacts separately under Accessories

Male connector

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

See the Technical Data for insulation strip lengths.



Application	Coding	Color
Power 250 V	N, L	gray black
Power 250/400 V	2, 1	green
Extra-low voltage	2, 1	brown
Switch.func. 250 V	2, 1, 3	light blue

Part No.	with spring clamp conn.
	Wire mm ²
	rigid 0.5 – 2.5
	fine-stranded 0.5 – 1.5
	stranded 0.75 – 1.5
	Term. poles 2
	Thread M16 x 1.5
	Gland inside
96.036.2153.0	
96.036.2153.1	
96.036.2155.7	
96.036.2151.4	
96.036.2153.9	

Part No.	with screw connection
	Wire mm ²
	rigid 0.5 – 2.5
	fine-stranded 0.75 – 6.0
	stranded 0.75 – 1.5
	Term. poles 1
	Thread M16 x 1.5
	Gland inside
96.036.6153.0	
96.036.6153.1	
96.036.6155.7	
96.036.6151.4	
96.036.6153.9	

Part No.	with crimp connection
	Wire mm ²
	fine-stranded 0.75 – 4.0 ²⁾
	Term. poles 1
	Thread M16 x 1.5
	Gland inside
96.136.2153.0	
96.136.2153.1	

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

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

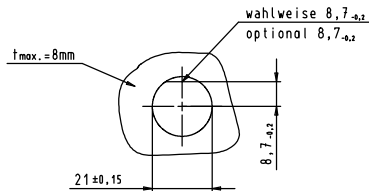
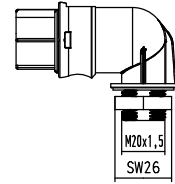
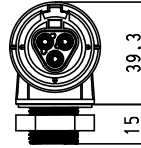
Contacts separately under Accessories

M 20 device connector, modular, angled

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
Power 250 V	L, N	gray black
Power 250/400 V	1, 2	green
Extra-low voltage	1, 2	brown
Switch.func. 250 V	1, 2, 3	light blue

with spring clamp conn.

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

96.033.2053.0
96.033.2053.1
96.033.2055.7
96.033.2051.4
96.033.2053.9

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

with screw connection

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

96.033.6053.0
96.033.6053.1
96.033.6055.7
96.033.6051.4
96.033.6053.9

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

with crimp connection

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

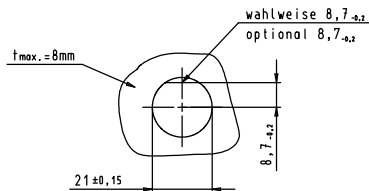
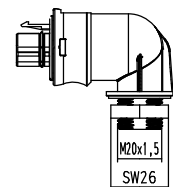
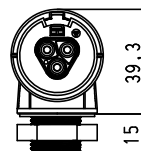
96.133.2053.0
96.133.2053.1

Contacts separately under Accessories

Male connector

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

See the Technical Data for insulation strip lengths.



Application	Coding	Color
Power 250 V	N, L	gray black
Power 250/400 V	2, 1	green
Extra-low voltage	2, 1	brown
Switch.func. 250 V	2, 1, 3	light blue

with spring clamp conn.

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

96.034.2053.0
96.034.2053.1
96.034.2055.7
96.034.2051.4
96.034.2053.9

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

with screw connection

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

96.034.6053.0
96.034.6053.1
96.034.6055.7
96.034.6051.4
96.034.6053.9

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

with crimp connection

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

96.134.2053.0
96.134.2053.1

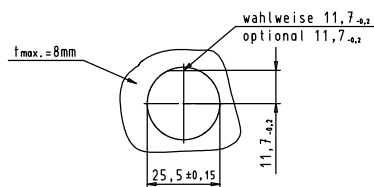
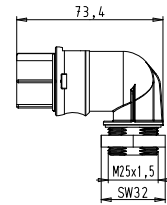
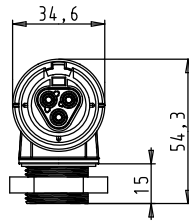
Contacts separately under Accessories

M 25 device connector, modular, angled

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
Power 250 V	L, N	gray/black
Power 250/400 V	1, 2	green
Extra-low voltage	1, 2	brown
Switch,func. 250 V	1, 2, 3	light blue

with spring clamp conn.

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

with screw connection

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

with crimp connection

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

96.033.2253.0

96.033.2253.1

96.033.2255.7

96.033.2251.4

96.033.2253.9

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

96.033.6253.0

96.033.6253.1

96.033.6255.7

96.033.6251.4

96.033.6253.9

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

96.133.2253.0

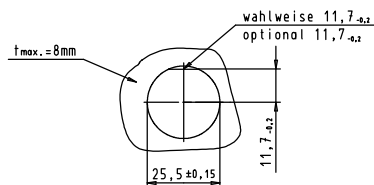
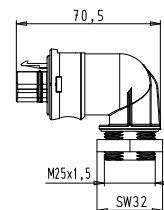
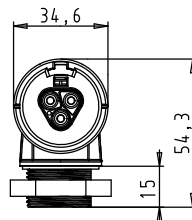
96.133.2253.1

Contacts separately under Accessories

Male connector

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

See the Technical Data for insulation strip lengths.



Application	Coding	Color
Power 250 V	N, L	gray/black
Power 250/400 V	2, 1	green
Extra-low voltage	2, 1	brown
Switch,func. 250 V	2, 1, 3	light blue

with spring clamp conn.

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

with screw connection

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

with crimp connection

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

96.034.2253.0

96.034.2253.1

96.034.2255.7

96.034.2251.4

96.034.2253.9

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

96.034.6253.0

96.034.6253.1

96.034.6255.7

96.034.6251.4

96.034.6253.9


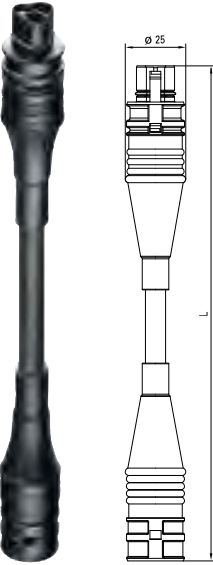
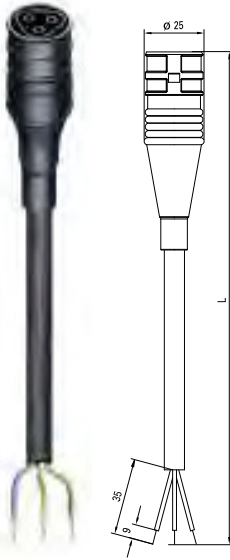
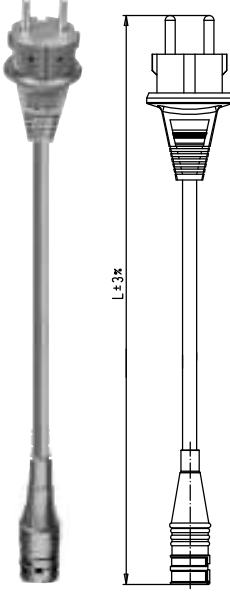




Fine-stranded and stranded wires **without** ferrules

96.134.2253.0

96.134.2253.1


Contacts separately under Accessories

Cable assemblies 1.5 mm², 16A

H05VV-F 3G1.5 containing halogen  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN Observe the installation instructions in the Technical Data that follow the product pages. Cable ¹⁾ and shrinkage tube Color black		 Female – Male Extension cable Locking device yes	 Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm	 Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes	 Schuko plug – RST female Power cable Female RST Color gray Color Cable gray
Application	Length ²⁾ m	Part No.	Part No.	Part No.	Part No.
Power	1.0	96.232.1000.1	96.232.1003.1	96.232.1004.1	
250 V	2.0	96.232.2000.1	96.232.2003.1	96.232.2004.1	
L, N, ⊕	3.0	96.232.3000.1	96.232.3003.1	96.232.3004.1	
	4.0	96.232.4000.1	96.232.4003.1	96.232.4004.1	
	5.0	96.232.5000.1	96.232.5003.1	96.232.5004.1	
	6.0	96.232.6000.1	96.232.6003.1	96.232.6004.1	
	7.0	96.232.7000.1	96.232.7003.1	96.232.7004.1	
	8.0	96.232.8000.1	96.232.8003.1	96.232.8004.1	
Schuko plug	1.5				99.714.0000.7
	2.5				99.715.0000.7
Power	1.0	96.232.1001.7	96.232.1005.7	96.232.1006.7	
250 V/400 V	2.0	96.232.2001.7	96.232.2005.7	96.232.2006.7	
1, 2, ⊕	3.0	96.232.3001.7	96.232.3005.7	96.232.3006.7	
	4.0	96.232.4001.7	96.232.4005.7	96.232.4006.7	
	5.0	96.232.5001.7	96.232.5005.7	96.232.5006.7	
	6.0	96.232.6001.7	96.232.6005.7	96.232.6006.7	
	7.0	96.232.7001.7	96.232.7005.7	96.232.7006.7	
	8.0	96.232.8001.7	96.232.8005.7	96.232.8006.7	

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A

H07RN-F 3G1.5 Insulating rubber compound  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN Observe the installation instructions in the Technical Data that follow the product pages. Cable ¹⁾ and shrinkage tube Color black		 	 	 	 
	Female – Male Extension cable Locking device yes	Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm	Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes	Schuko plug – RST female Power cable Female RST Color black Color Cable black	
Application	Length ²⁾ m	Part No.	Part No.	Part No.	Part No.
Power 250 V	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0	96.232.1030.1 96.232.2030.1 96.232.3030.1 96.232.4030.1 96.232.5030.1 96.232.6030.1 96.232.7030.1 96.232.8030.1	96.232.1033.1 96.232.2033.1 96.232.3033.1 96.232.4033.1 96.232.5033.1 96.232.6033.1 96.232.7033.1 96.232.8033.1	96.232.1034.1 96.232.2034.1 96.232.3034.1 96.232.4034.1 96.232.5034.1 96.232.6034.1 96.232.7034.1 96.232.8034.1	
Schuko plug	1.5 2.5 4.0 5.0 8.0				99.712.0000.7 99.713.0000.7 99.716.0000.7 99.718.0000.7 99.717.0000.7
Power 250 V/400 V	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0	96.232.1031.7 96.232.2031.7 96.232.3031.7 96.232.4031.7 96.232.5031.7 96.232.6031.7 96.232.7031.7 96.232.8031.7	96.232.1035.7 96.232.2035.7 96.232.3035.7 96.232.4035.7 96.232.5035.7 96.232.6035.7 96.232.7035.7 96.232.8035.7	96.232.1036.7 96.232.2036.7 96.232.3036.7 96.232.4036.7 96.232.5036.7 96.232.6036.7 96.232.7036.7 96.232.8036.7	
Switch. func. 250 V	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0	on request	on request	on request	
Pre-assembled with Cable A07RN-F 3x1.5					

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

<p>H05VV-F 3G2.5</p> <p>containing halogen</p>  <p>Power 250V: ⊕ = GN/YE N = BU L = BN</p> <p>Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN</p> <p>Observe the installation instructions in the Technical Data that follow the product pages.</p> <p>Cable¹⁾ and shrinkage tube</p> <p>Color black</p>																																																																																								
	<table border="1"> <tr><th colspan="2">Female – Male</th></tr> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>	Female – Male		Extension cable		Locking device	yes	<table border="1"> <tr><th colspan="2">Female – Free end</th></tr> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> </table>	Female – Free end		Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	<table border="1"> <tr><th colspan="2">Male – Free end</th></tr> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>	Male – Free end		Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	Locking device	yes																																																									
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¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

H07RN-F 3G2.5

**Insulating
rubber
compound**



Power 250V:
⊕ = GN/YE
N = BU
L = BN

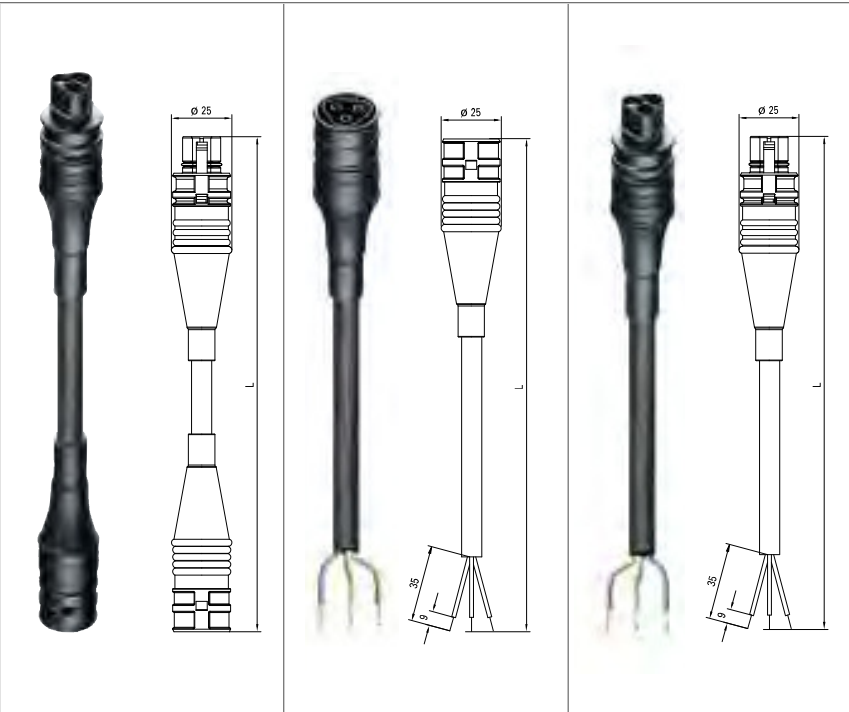
Power
250/400V:
⊕ = GN/YE
1 = BU
2 = BN

Observe the
installation
instructions in
the Technical
Data that follow
the product
pages.

Cable¹⁾ and
shrinkage tube

Color black

Application	Length ²⁾ m	Part No.	Part No.	Part No.
Power 250 V L, N, ⊕ black	1.0	96.233.1030.1	96.233.1033.1	96.233.1034.1
	2.0	96.233.2030.1	96.233.2033.1	96.233.2034.1
	3.0	96.233.3030.1	96.233.3033.1	96.233.3034.1
	4.0	96.233.4030.1	96.233.4033.1	96.233.4034.1
	5.0	96.233.5030.1	96.233.5033.1	96.233.5034.1
	6.0	96.233.6030.1	96.233.6033.1	96.233.6034.1
	7.0	96.233.7030.1	96.233.7033.1	96.233.7034.1
	8.0	96.233.8030.1	96.233.8033.1	96.233.8034.1
Power 250 V/400 V 1, 2, ⊕	1.0	96.233.1031.7	96.233.1035.7	96.233.1036.7
	2.0	96.233.2031.7	96.233.2035.7	96.233.2036.7
	3.0	96.233.3031.7	96.233.3035.7	96.233.3036.7
	4.0	96.233.4031.7	96.233.4035.7	96.233.4036.7
	5.0	96.233.5031.7	96.233.5035.7	96.233.5036.7
	6.0	96.233.6031.7	96.233.6035.7	96.233.6036.7
	7.0	96.233.7031.7	96.233.7035.7	96.233.7036.7
	8.0	96.233.8031.7	96.233.8035.7	96.233.8036.7



Female – Male	
Extension cable	
Locking device	yes

Female – Free end	
Connection cable	
Wire ends	ultrason. welded
Sheath strip length	35 mm
Insul. strip length	9 mm

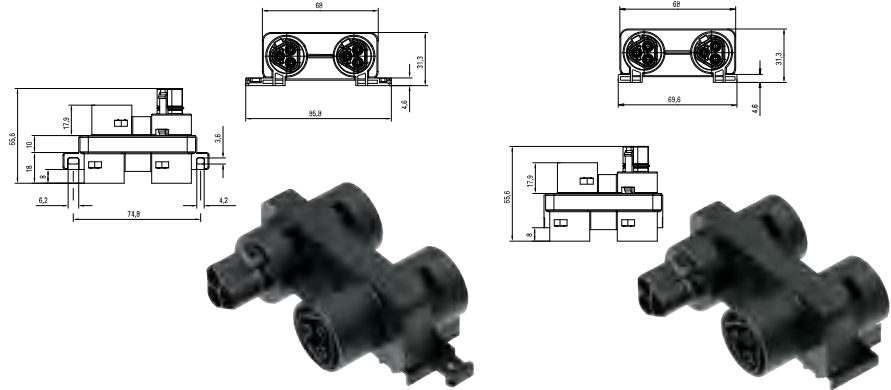
Male – Free end	
Connection cable	
Wire ends	ultrason. welded
Sheath strip length	35 mm
Insul. strip length	9 mm
Locking device	yes



¹⁾ Other cables available on request
²⁾ Other lengths available on request

Distribution block

Distribution block 1I/3O



Application	Coding	Color	Part No.	Part No.
			with mounting option	without mounting option
			Locking device	yes
			Input	1 Male, 3 pole
			Outputs	3 Female, 3 pole
				Locking device
				yes
				Input
				1 Male, 3 pole
				Outputs
				3 Female, 3 pole
Power 250 V		L, N, ⊕	gray	96.030.0153.0
			black	96.030.0153.1
Power 250/400 V		1, 2, ⊕	green	96.030.0155.7
50 V +		1, 2, ⊕	brown	96.030.0151.4
				96.030.0253.0
				96.030.0253.1
				96.030.0255.7
				96.030.0251.4

Distribution units

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 (B x L x H)	104 x 162 x 57.2 mm	
Fitted as required with	M25 Device connectors 3 pole	
Input	1, RST20i3	
Outputs	3, RST20i3	
Prewired with	2.5 mm ² (halogen-free)	
Fastening options	yes	

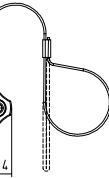
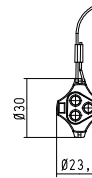
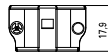
RST multi-distribution unit 1I/7O



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 (B x L x H)	104 x 162 x 96 mm	
Fitted as required with	M25 Device connectors 3 pole	
Input	1, RST20i3	
Outputs	7, RST20i3	
Prewired with	2.5 mm ² (halogen-free)	
Fastening options	yes	

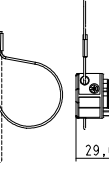
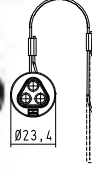
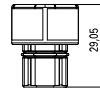
Accessories – Cover pieces

Female connector 2 to 3 pole



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

Male connector 2 to 3 pole



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



Accessories Crimp

Crimp contacts* Female contacts for connectors RST20i3



Name	Marking (groove) mm ²	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

* Available on straps or in magazines on request

Crimp contacts* Male contacts for connectors RST20i3



Name	Marking (groove) mm ²	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

* Available on straps or in magazines on request

Crimping tool



Name	Color	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	Color	Part No.
Unlocking tool		05.502.3500.0

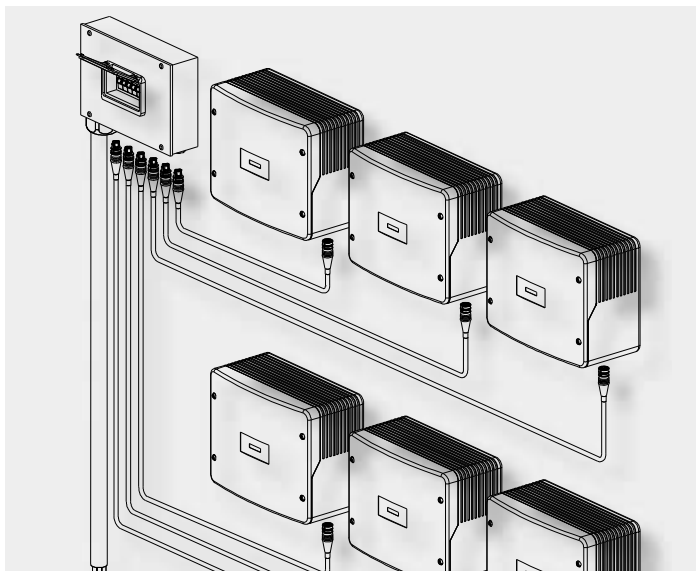


RST 25i3



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

Application example



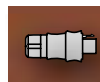
General

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

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

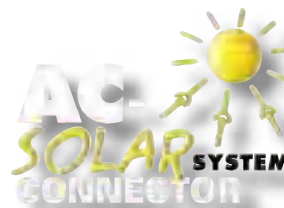
These connectors have their own mechanical coding.

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



Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 32 A (with 6.0 mm²)
- Cross-sections up to 6 mm²
- Degree of protection IP 65, IP 66, IP 67, IP 68 (3 m, 2 h)

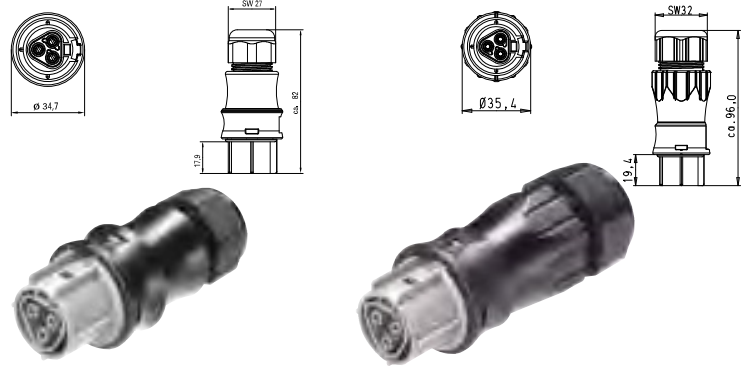


Coding

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 e-KAT.				Application	Single-phase power
				Mechanical coding, for example	250 V, 32 A L, N, ⊕
Name	Description	Connection style	Strain relief housing	Connection points per pole	concrete gray
Connectors	1 x cable entry	Screw	yes	1	✓
Distribution units	Distribution box RST RAN Solar				✓
	Distribution box RST Solar				✓
Device connectors	M25 device connector, standard				✓
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled	✓
	Connection cable Female – Free end	pre-assembled	pre-assembled	pre-assembled	✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓

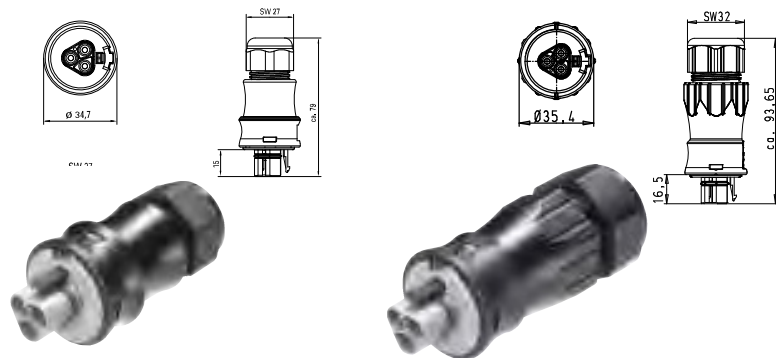
Connectors, 25 A, 32 A (with 6.0 mm²)

Female connector



Application	Coding	Color	Part No.	Part No.
Single-phase power 250V		concrete gray/black	Screw technology for cable Ø 10 –14 mm	
			Screw technology for cable Ø 13 –18 mm	
			Wire	mm ²
			solid	
			fine-stranded	up to 6.0 ¹⁾ without ferrules
			96.031.4154.3	96.031.4554.3

Male connector



Application	Coding	Color	Part No.	Part No.
Single-phase power 250V		concrete gray/black	Screw technology for cable Ø 10 –14 mm	
			Screw technology for cable Ø 13 –18 mm	
			Wire	mm ²
			solid	
			fine-stranded	up to 6.0 ¹⁾ without ferrules
			Locking device	yes
			96.032.4154.3	96.032.4554.3

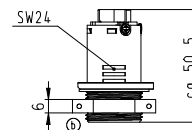
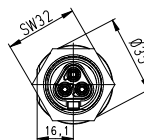
¹⁾ Larger cross-sections available on request

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

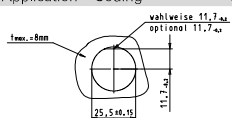
M 25 device connector, 25 A, 32 A (with 6.0 mm²)

Female connector With sealing option

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



Application Coding Color

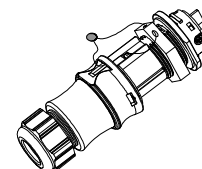


Single-phase power 250V L, N, concrete gray/black

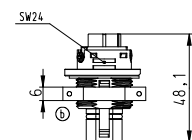
Part No.

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

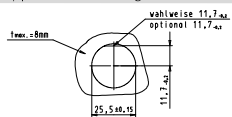
96.031.5054.3



Male connector With sealing option



Application Coding Color

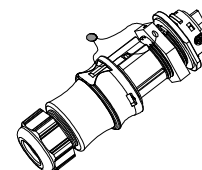


Single-phase power 250V L, N, concrete gray/black

Part No.

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

96.032.5054.3



Distribution units

RST-Distribution box RST RAN Solar

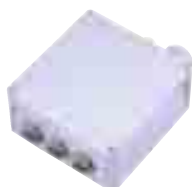


Name	Material	Part No.
RST RAN Solar	Sheet metal/ powder-coated	99.512.0000.7

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

Inputs	6 x RST25i3 / concrete gray coding
Cable gland	1 x M40, 2 x M20
Connector clamps	5 x 10 mm ²
Circuit breakers	6 x B25
Dimensions in mm (L x W x H)	350 x 300 x 100 mm

Distribution box RST Solar



Distribution box RST Solar	Plastic	99.502.0000.7
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Detailed information about the distribution units available in section "Distribution units".

Inputs	3 x RST25i3 / concrete gray coding
Cable gland	1 x M32, 2 x M20
Connector clamps	5 x 10 mm ²
Dimensions in mm (L x W x H)	180 x 180 x 90 mm

Cable assemblies, 4.0 mm², 25 A

H05VV-F 3G4.0¹⁾

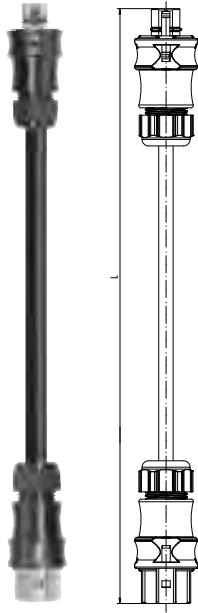


N = BU
L = BN
⊕ = GN/YE

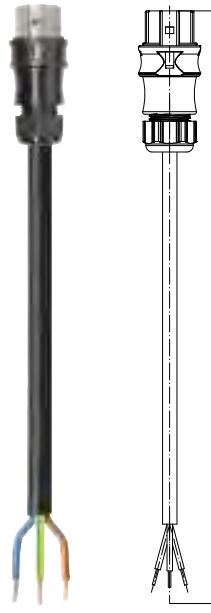
Observe the installation instructions in the Technical Data that follow the product pages.

The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.

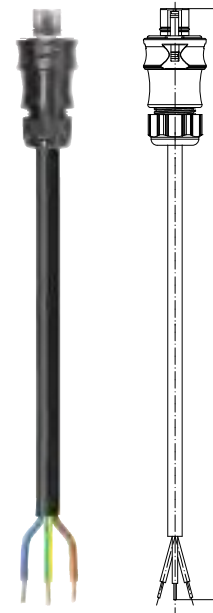
Cable: black
Coding: concrete gray/black



Female – Male	
Extension cable	
Locking device	yes



Female – Free end	
Connection cable	
Wire ends	ultrason. welded
Sheath strip length	35 mm
Insul. strip length	9 mm
Cable diameter	10.5 – 13.1 mm
H05VV-F ³⁾	



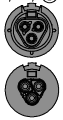
Male – Free end	
Connection cable	
Wire ends	ultrason. welded
Sheath strip length	35 mm
Insul. strip length	9 mm
Locking device	yes
Cable diameter	10.5 – 13.1 mm
H05VV-F ³⁾	

Application	Length ²⁾ m	Part No.
Single-phase power	1.0	96.834.1000.3
	1.5	96.834.1500.3
	2.0	96.834.2000.3
	2.5	96.834.2500.3
	3.0	96.834.3000.3
	3.5	96.834.3500.3
	4.0	96.834.4000.3

Part No.
96.834.1003.3
96.834.1503.3
96.834.2003.3
96.834.2503.3
96.834.3003.3
96.834.3503.3
96.834.4003.3

Part No.
96.834.1004.3
96.834.1504.3
96.834.2004.3
96.834.2504.3
96.834.3004.3
96.834.3504.3
96.834.4004.3

Part No.
96.834.1004.3
96.834.1504.3
96.834.2004.3
96.834.2504.3
96.834.3004.3
96.834.3504.3
96.834.4004.3


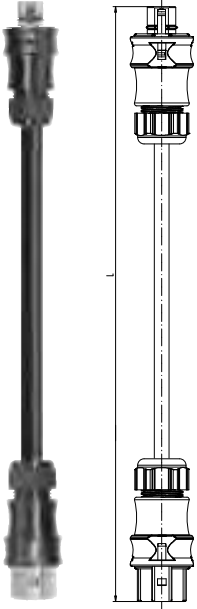
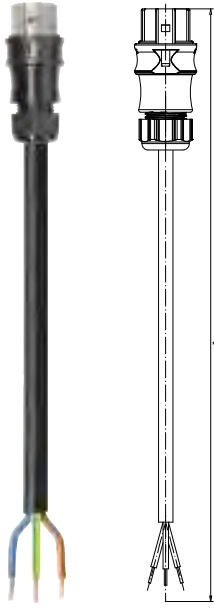
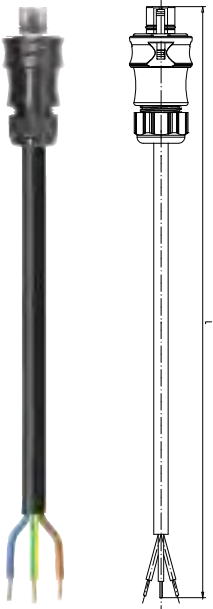
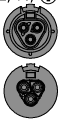


¹⁾ Other cables available on request

²⁾ Other lengths available on request

³⁾ According to VDE 0281/T5 and VDE 0288/T4

Cable assemblies, 4.0 mm², 25 A

<p>H07RN-F 3G4.0¹⁾</p>  <p>N = BU L = BN ⊕ = GN/YE</p> <p>Observe the installation instructions in the Technical Data that follow the product pages.</p> <p>The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.</p> <p>Cable: black Coding: concrete gray/black</p>	 <p>Female – Male</p> <table border="1"> <tr><td colspan="2">Connection cable</td></tr> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>	Connection cable		Extension cable		Locking device	yes	 <p>Female – Free end</p> <table border="1"> <tr><td colspan="2">Connection cable</td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Cable diameter</td><td>10,5 – 13,1 mm</td></tr> <tr><td>H07RN-F²⁾</td><td></td></tr> </table>	Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	Cable diameter	10,5 – 13,1 mm	H07RN-F ²⁾		 <p>Male – Free end</p> <table border="1"> <tr><td colspan="2">Connection cable</td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>yes</td></tr> <tr><td>Cable diameter</td><td>10,5 – 13,1 mm</td></tr> <tr><td>H07RN-F³⁾</td><td></td></tr> </table>	Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	Locking device	yes	Cable diameter	10,5 – 13,1 mm	H07RN-F ³⁾				
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