

The 5 pole versions – general power applications, switching functions, power/dimming signals and low voltage

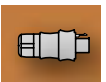
Application example








General

Four variations are available for the 5 pole connectors: the standard version for general power applications, another version for switching functions, a version to combine power and dimming signals, as well as a version for low-voltage applications.

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 250 V/400 V		Extra-low voltage	Power 250 V + Dimming	Switch. func. 250 V
					⊕, N, 3, 2, 1	1, 2, 3, 4, 5	L, N, ⊕, D1, D2	1, 2, 3, 4, 5	
									
Name	Description	Connection style	Strain relief housing	Connection points per pole	gray	black	brown	turquoise	blue
Connector	1 x cable entry	Screw Crimp	yes	1	✓	✓	✓	✓	✓
	2 x cable entry	Screw Spring clamp	yes	1	✓	✓	✓	✓	✓
Distribution units	RST compact distribution unit/ multi-distribution unit				on request	on request	on request	on request	on request
	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	✓	✓	✓	✓	✓
	Extension cable Male – Female	pre-assembled	pre-assembled	pre-assembled	✓	✓	✓	✓	✓

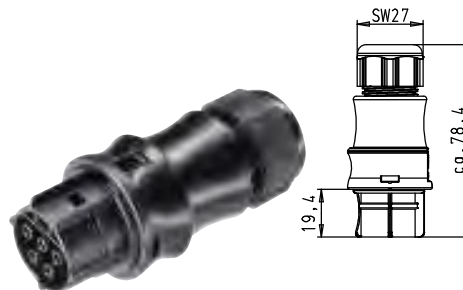
Connector for cables of Ø 6 –10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories

See the 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 (see Accessories)	
				Wire mm ²	Wire mm ²	
				rigid	fine-stranded	
				fine-stranded	0.75 – 4.0	
				stranded	without ferrules	
Power 250/400V		⊕, N, 3,2,1	6 – 10	gray	96.051.4053.0	96.151.0053.0
			10 – 14	black	96.051.4053.1	96.151.0053.1
Power 250V + Dimming		L, ⊕, N, D1, D2	6 – 10	turquoise	96.051.4153.0	96.151.0153.0
			10 – 14		96.051.4153.1	96.151.0153.1
Switch.func. 250 V		1,2, 3,4,5	6 – 10	blue	96.051.4053.6	96.151.0053.6
			10 – 14		96.051.4153.6	96.151.0153.6
Extra-low voltage		1,2, 3,4,5	6 – 10	brown	96.051.4053.9	96.151.0053.9
			10 – 14		96.051.4153.9	96.151.0153.9
				96.051.4051.4	96.151.0051.4	
				96.051.4151.4	96.151.0151.4	

Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories

See the Technical Data for sheath and insulation strip lengths.



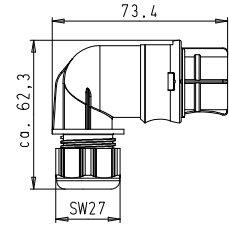
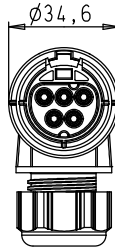
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	
				with screw connection¹⁾	with crimp connection (see Accessories)	
				Wire mm ²	Wire mm ²	
				rigid	fine-stranded	
				fine-stranded	0.75 – 4.0	
				stranded	without ferrules	
				Locking device	yes	
Power 250/400V		⊕, N, 3,2,1	6 – 10	gray	96.052.4053.0	96.152.0053.0
			10 – 14	black	96.052.4053.1	96.152.0053.1
Power 250V + Dimming		L, ⊕, N, D1, D2	6 – 10	turquoise	96.052.4153.0	96.152.0153.0
			10 – 14		96.052.4153.1	96.152.0153.1
Switch.func. 250 V		1,2, 3,4,5	6 – 10	blue	96.052.4053.6	96.152.0053.6
			10 – 14		96.052.4153.6	96.152.0153.6
Extra-low voltage		1,2, 3,4,5	6 – 10	brown	96.052.4053.9	96.152.0053.9
			10 – 14		96.052.4153.9	96.152.0153.9
				96.052.4051.4	96.152.0051.4	
				96.052.4151.4	96.152.0151.4	

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 sheath and insulation strip length as well as the ferrules to be used.

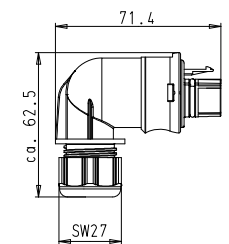
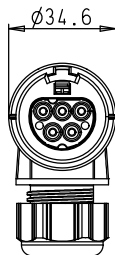


Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
				with screw connection¹⁾	with crimp connection (see Accessories)
				Wire	Wire
				rigid	mm ²
				fine-stranded	0.75 – 4.0
				stranded	without ferrules
Power 250/400V	⊕, N, 3,2,1	6 – 10	gray	96.053.4053.0	96.153.0053.0
		10 – 14	black	96.053.4053.1	96.153.0053.1
			gray	96.053.4153.0	96.153.0153.0
			black	96.053.4153.1	96.153.0153.1
Power 250V + Dimming	L, ⊕, N, D1, D2	6 – 10	turquoise	96.053.4053.6	96.153.0053.6
		10 – 14		96.053.4153.6	96.153.0153.6
Switch.func. 250 V	1,2, 3,4,5	6 – 10	blue	96.053.4053.9	96.153.0053.9
		10 – 14		96.053.4153.9	96.153.0153.9
Extra-low voltage	1,2, 3,4,5	6 – 10	brown	96.053.4051.4	96.153.0051.4
		10 – 14		96.053.4151.4	96.153.0151.4

Male connector

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

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



Application	Coding	Cable diameter in mm	Color	Part No.	Part No.
				with screw connection²⁾	with crimp connection (see Accessories)
				Wire	Wire
				rigid	mm ²
				fine-stranded	0.75 – 4.0
				stranded	without ferrules
				Locking device	yes
Power 250/400V	⊕, N, 3,2,1	6 – 10	gray	96.054.4053.0	96.154.0053.0
		10 – 14	black	96.054.4053.1	96.154.0053.1
			gray	96.054.4153.0	96.154.0153.0
			black	96.054.4153.1	96.154.0153.1
Power 250V + Dimming	L, ⊕, N, D1, D2	6 – 10	turquoise	96.054.4053.6	96.154.0053.6
		10 – 14		96.054.4153.6	96.154.0153.6
Switch.func. 250 V	1,2, 3,4,5	6 – 10	blue	96.054.4053.9	96.154.0053.9
		10 – 14		96.054.4153.9	96.154.0153.9
Extra-low voltage	1,2, 3,4,5	6 – 10	brown	96.054.4051.4	96.154.0051.4
		10 – 14		96.054.4151.4	96.154.0151.4

¹⁾ With wire protection available on request

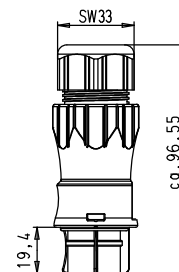
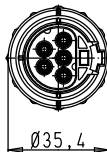
Connector for cables of Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories

See the Technical Data for sheath and insulation strip lengths.



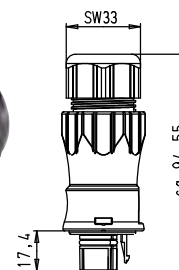
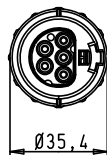
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	
				with screw connection¹⁾	with crimp connection (see Accessories)	
				Wire mm ²	Wire mm ²	
				rigid	fine-stranded	
				fine-stranded	0.75 – 4.0	
				stranded	without ferrules	
Power 250V/400V		⊕, N, 3, 2, 1	13 – 18	gray black	96.051.4553.0 96.051.4553.1	96.151.0553.0 96.151.0553.1
Power 250V + Dimming		L, ⊕, N, D1, D2	13 – 18	turquoise	96.051.4553.6	96.151.0553.6
Switch.func. 250 V		1, 2, 3, 4, 5	13 – 18	blue	96.051.4553.9	96.151.0553.9
Extra-low voltage		1, 2, 3, 4, 5	13 – 18	brown	96.051.4551.4	96.151.0551.4

Male connector

Unmounted with cable gland and locking device.

Crimp contacts separately available under Accessories

See the Technical Data for sheath and insulation strip lengths.



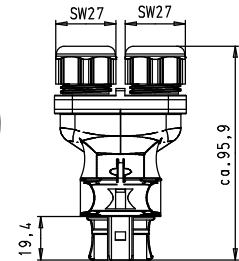
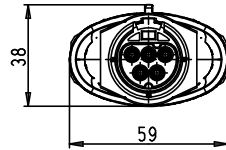
Application	Coding	Cable diameter in mm	Color	Part No.	Part No.	
				with screw connection¹⁾	with crimp connection (see Accessories)	
				Wire mm ²	Wire mm ²	
				rigid	fine-stranded	
				fine-stranded	0.75 – 4.0	
				stranded	without ferrules	
				Locking device	yes	
Power 250V/400V		⊕, N, 3, 2, 1	13 – 18	gray black	96.052.4553.0 96.052.4553.1	96.152.0553.0 96.152.0553.1
Power 250V + Dimming		L, ⊕, N, D1, D2	13 – 18	turquoise	96.052.4553.6	96.152.0553.6
Switch.func. 250 V		1, 2, 3, 4, 5	13 – 18	blue	96.052.4553.9	96.152.0553.9
Extra-low voltage		1, 2, 3, 4, 5	13 – 18	brown	96.052.4551.4	96.152.0551.4

Splitter connector

Female connector

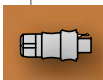
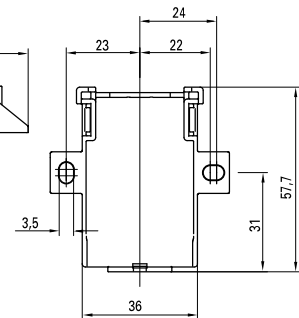
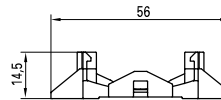
Unmounted with cable glands.

See the Technical Data for sheath and insulation strip lengths.



Application	Coding	Cable diameter in mm	Color	Part No.
with screw connection¹⁾				
Wire				mm ²
rigid				
fine-stranded				0.75 – 1.5
stranded				without ferrules
Power 250/400V	⊕, N, 3, 2, 1	6 – 10	gray	96.051.4253.0
		10 – 14	black	96.051.4253.1
			gray	96.051.4353.0
			black	96.051.4353.1
Power 250V +Dimming	L, ⊕, N, D1, D2	6 – 10	turquoise	96.051.4253.6
		10 – 14		96.051.4353.6
Switch.func. 250 V	1, 2, 3, 4, 5	6 – 10	blue	
		10 – 14		
Extra-low voltage	1, 2, 3, 4, 5	6 – 10	brown	96.051.4251.4
		10 – 14		96.051.4351.4

Mounting plate For splitter connectors



Color	Part No.
gray	01.006.1553.0
black	01.006.1553.1

Crimp contacts separately available under Accessories

Additional compact and multi distribution units from the RST range following this section.

¹⁾ With wire protection available on request

M 25 device connector, standard

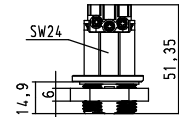
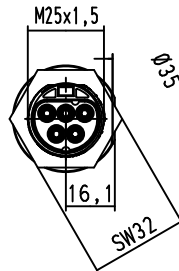
Female connector

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

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.

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



Application	Coding	Color	Part No.	Part No.																																													
	<table border="1"> <tr> <td>Power 250V/400V</td> <td></td> <td>⊕, N, 3, 2, 1</td> <td>gray</td> </tr> <tr> <td>Power 250V + Dimming</td> <td></td> <td>L, ⊕, N, D1, D2</td> <td>turquoise</td> </tr> <tr> <td>Switch.func. 250 V</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>blue</td> </tr> <tr> <td>Extra-low voltage</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>brown</td> </tr> </table>	Power 250V/400V		⊕, N, 3, 2, 1	gray	Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise	Switch.func. 250 V		1, 2, 3, 4, 5	blue	Extra-low voltage		1, 2, 3, 4, 5	brown	<table border="1"> <tr> <th colspan="2">with screw connection</th> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0,75 – 4,0</td> </tr> <tr> <td>stranded</td> <td>without ferrules</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1,5</td> </tr> <tr> <td>Gland</td> <td>outside</td> </tr> </table>	with screw connection		Wire	mm ²	rigid		fine-stranded	0,75 – 4,0	stranded	without ferrules	Term. poles	1	Thread	M25 x 1,5	Gland	outside	<table border="1"> <tr> <th colspan="2">with crimp connection (see Accessories)</th> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0,75 – 4,0</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1,5</td> </tr> <tr> <td>Gland</td> <td>outside</td> </tr> </table>	with crimp connection (see Accessories)		Wire	mm ²	rigid		fine-stranded	0,75 – 4,0	Term. poles	1	Thread	M25 x 1,5	Gland	outside
		Power 250V/400V		⊕, N, 3, 2, 1	gray																																												
		Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise																																												
		Switch.func. 250 V		1, 2, 3, 4, 5	blue																																												
Extra-low voltage		1, 2, 3, 4, 5	brown																																														
with screw connection																																																	
Wire	mm ²																																																
rigid																																																	
fine-stranded	0,75 – 4,0																																																
stranded	without ferrules																																																
Term. poles	1																																																
Thread	M25 x 1,5																																																
Gland	outside																																																
with crimp connection (see Accessories)																																																	
Wire	mm ²																																																
rigid																																																	
fine-stranded	0,75 – 4,0																																																
Term. poles	1																																																
Thread	M25 x 1,5																																																
Gland	outside																																																
			96.051.5053.0	96.151.1053.0																																													
			96.051.5053.1	96.151.1053.1																																													
			96.051.5053.6	96.151.1053.6																																													
			96.051.5053.9	96.151.1053.9																																													
			96.051.5051.4	96.151.1051.4																																													

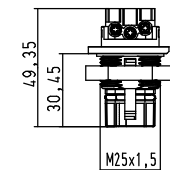
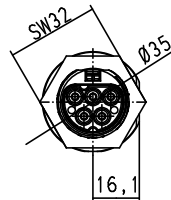
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.

Fastening with screws from outside..

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.

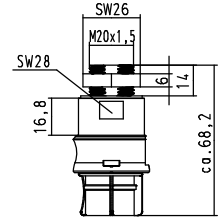


Application	Coding	Color	Part No.	Part No.																																																	
	<table border="1"> <tr> <td>Power 250V/400V</td> <td></td> <td>⊕, N, 3, 2, 1</td> <td>gray</td> </tr> <tr> <td>Power 250V + Dimming</td> <td></td> <td>L, ⊕, N, D1, D2</td> <td>turquoise</td> </tr> <tr> <td>Switch.func. 250 V</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>blue</td> </tr> <tr> <td>Extra-low voltage</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>brown</td> </tr> </table>	Power 250V/400V		⊕, N, 3, 2, 1	gray	Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise	Switch.func. 250 V		1, 2, 3, 4, 5	blue	Extra-low voltage		1, 2, 3, 4, 5	brown	<table border="1"> <tr> <th colspan="2">with screw connection</th> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0,75 – 4,0</td> </tr> <tr> <td>stranded</td> <td>without ferrules</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1,5</td> </tr> <tr> <td>Gland</td> <td>outside</td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table>	with screw connection		Wire	mm ²	rigid		fine-stranded	0,75 – 4,0	stranded	without ferrules	Term. poles	1	Thread	M25 x 1,5	Gland	outside	Locking device	yes	<table border="1"> <tr> <th colspan="2">with crimp connection (see Accessories)</th> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0,75 – 4,0</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1,5</td> </tr> <tr> <td>Gland</td> <td>outside</td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table>	with crimp connection (see Accessories)		Wire	mm ²	rigid		fine-stranded	0,75 – 4,0	Term. poles	1	Thread	M25 x 1,5	Gland	outside	Locking device	yes
		Power 250V/400V		⊕, N, 3, 2, 1	gray																																																
		Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise																																																
		Switch.func. 250 V		1, 2, 3, 4, 5	blue																																																
Extra-low voltage		1, 2, 3, 4, 5	brown																																																		
with screw connection																																																					
Wire	mm ²																																																				
rigid																																																					
fine-stranded	0,75 – 4,0																																																				
stranded	without ferrules																																																				
Term. poles	1																																																				
Thread	M25 x 1,5																																																				
Gland	outside																																																				
Locking device	yes																																																				
with crimp connection (see Accessories)																																																					
Wire	mm ²																																																				
rigid																																																					
fine-stranded	0,75 – 4,0																																																				
Term. poles	1																																																				
Thread	M25 x 1,5																																																				
Gland	outside																																																				
Locking device	yes																																																				
			96.052.5053.0	96.152.1053.0																																																	
			96.052.5053.1	96.152.1053.1																																																	
			96.052.5053.6	96.152.1053.6																																																	
			96.052.5053.9	96.152.1053.9																																																	
			96.052.5051.4	96.152.1051.4																																																	

M 20 device connector, modular, straight

Female connector

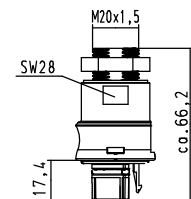
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
Crimp contacts separately available under Accessories
See the Technical Data for sheath and insulation strip lengths.



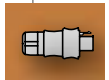
Application	Coding	Color	Part No.	Part No.																									
	with screw connection			with crimp connection (see Accessories)																									
	<table border="1"> <tr><td>Wire</td><td>mm²</td></tr> <tr><td>rigid</td><td></td></tr> <tr><td>fine-stranded</td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td>1</td></tr> <tr><td>Thread</td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td>inside</td></tr> </table>			Wire	mm ²	rigid		fine-stranded	0.75 – 4.0	stranded	without ferrules	Term. poles	1	Thread	M20 x 1.5	Gland	inside	<table border="1"> <tr><td>Wire</td><td>mm²</td></tr> <tr><td>fine-stranded</td><td>0.75 – 4.0</td></tr> <tr><td>Term. poles</td><td>1</td></tr> <tr><td>Thread</td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td>inside</td></tr> </table>		Wire	mm ²	fine-stranded	0.75 – 4.0	Term. poles	1	Thread	M20 x 1.5	Gland	inside
	Wire	mm ²																											
	rigid																												
fine-stranded	0.75 – 4.0																												
stranded	without ferrules																												
Term. poles	1																												
Thread	M20 x 1.5																												
Gland	inside																												
Wire	mm ²																												
fine-stranded	0.75 – 4.0																												
Term. poles	1																												
Thread	M20 x 1.5																												
Gland	inside																												
Power 250V/400V	⊕, N, 3,2,1	gray/black	96.051.6053.0 96.051.6053.1	96.151.2053.0 96.151.2053.1																									
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.051.6053.6	96.151.2053.6																									
Switch.func. 250 V	1,2,3,4,5	blue	96.051.6053.9	96.151.2053.9																									
Extra-low voltage	1,2,3,4,5	brown	96.051.6051.4	96.151.2051.4																									

Male connector

Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.
Crimp contacts separately available under Accessories
See the Technical Data for sheath and insulation strip lengths.



Application	Coding	Color	Part No.	Part No.																													
	with screw connection			with crimp connection (see Accessories)																													
	<table border="1"> <tr><td>Wire</td><td>mm²</td></tr> <tr><td>rigid</td><td></td></tr> <tr><td>fine-stranded</td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td>1</td></tr> <tr><td>Thread</td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td>inside</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>			Wire	mm ²	rigid		fine-stranded	0.75 – 4.0	stranded	without ferrules	Term. poles	1	Thread	M20 x 1.5	Gland	inside	Locking device	yes	<table border="1"> <tr><td>Wire</td><td>mm²</td></tr> <tr><td>fine-stranded</td><td>0.75 – 4.0</td></tr> <tr><td>Term. poles</td><td>1</td></tr> <tr><td>Thread</td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td>inside</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>		Wire	mm ²	fine-stranded	0.75 – 4.0	Term. poles	1	Thread	M20 x 1.5	Gland	inside	Locking device	yes
	Wire	mm ²																															
	rigid																																
fine-stranded	0.75 – 4.0																																
stranded	without ferrules																																
Term. poles	1																																
Thread	M20 x 1.5																																
Gland	inside																																
Locking device	yes																																
Wire	mm ²																																
fine-stranded	0.75 – 4.0																																
Term. poles	1																																
Thread	M20 x 1.5																																
Gland	inside																																
Locking device	yes																																
Power 250V/400V	⊕, N, 3,2,1	gray/black	96.052.6053.0 96.052.6053.1	96.152.2053.0 96.152.2053.1																													
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.052.6053.6	96.152.2053.6																													
Switch.func. 250 V	1,2,3,4,5	blue	96.052.6053.9	96.152.2053.9																													
Extra-low voltage	1,2,3,4,5	brown	96.052.6051.4	96.152.2051.4																													



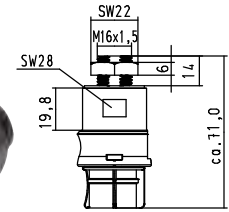
M 16 device connector, modular, straight

Female connector

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

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.	
	with screw connection			with crimp connection (see Accessories)	
	Wire		mm ²	Wire	mm ²
	rigid			fine-stranded	0.75 – 4.0
	fine-stranded		0.75 – 4.0	Term. poles	1
	stranded		without ferrules	Thread	M16 x 1.5
	Term. poles		1	Gland	inside
	Thread		M16 x 1.5		
Gland		inside			
Power 250V/400V		gray/black	96.051.6153.0	96.151.2153.0	
Power 250V + Dimming		turquoise	96.051.6153.6	96.151.2153.6	
Switch.func. 250 V		blue	96.051.6153.9	96.151.2153.9	
Extra-low voltage		brown	96.051.6151.4	96.151.2151.4	

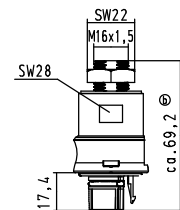
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.

Fastening with screws from inside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.	
	with screw connection			with crimp connection (see Accessories)	
	Wire		mm ²	Wire	mm ²
	rigid			fine-stranded	0.75 – 4.0
	fine-stranded		0.75 – 4.0	Term. poles	1
	stranded		without ferrules	Thread	M16 x 1.5
	Term. poles		1	Gland	inside
	Thread		M16 x 1.5	Locking device	yes
Gland		inside			
Locking device		yes			
Power 250V/400V		gray/black	96.052.6153.0	96.152.2153.0	
Power 250V + Dimming		turquoise	96.052.6153.1	96.152.2153.1	
Switch.func. 250 V		blue	96.052.6153.6	96.152.2153.6	
Extra-low voltage		brown	96.052.6153.9	96.152.2153.9	
			96.052.6151.4	96.152.2151.4	

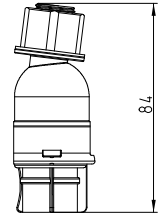
M 16 device connector, modular, 7° angle

Female connector

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

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



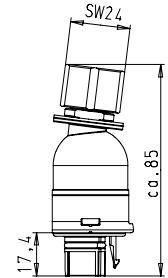
Application	Coding	Color	Part No.	Part No.	
	with screw connection			with crimp connection (see Accessories)	
	Wire		mm ²	Wire	
	rigid			fine-stranded	
	fine-stranded		0.75 – 4.0	Term. poles	
stranded		without ferrules	Thread		
Term. poles		1	Gland		
Thread		M16 x 1.5	inside		
Gland		inside			
Power 250V/400V	⊕, N, 3, 2, 1	gray black	96.055.6153.0	96.155.2153.0	
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.055.6153.6	96.155.2153.6	
Switch.func. 250 V	1, 2, 3, 4, 5	blue	96.055.6153.9	96.155.2153.9	
Extra-low voltage	1, 2, 3, 4, 5	brown	96.055.6151.4	96.155.2151.4	

Male connector

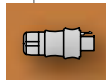
Correct positioning guaranteed due to flattened thread. With locking device. Fastening with screws from inside. Angled 7°, thread M16.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.	
	with screw connection			with crimp connection (see Accessories)	
	Wire		mm ²	Wire	
	rigid			fine-stranded	
	fine-stranded		0.75 – 4.0	Term. poles	
stranded		without ferrules	Thread		
Term. poles		1	Gland		
Thread		M16 x 1.5	Locking device		
Gland		inside	yes		
Locking device		yes			
Power 250V/400V	⊕, N, 3, 2, 1	gray black	96.056.6153.0	96.156.2153.0	
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.056.6153.6	96.156.2153.6	
Switch.func. 250 V	1, 2, 3, 4, 5	blue	96.056.6153.9	96.156.2153.9	
Extra-low voltage	1, 2, 3, 4, 5	brown	96.056.6151.4	96.156.2151.4	



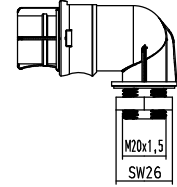
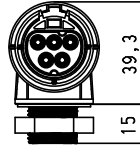
M 20 device connector, modular, angled

Female connector

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

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.																																					
	with screw connection			with crimp connection (see Accessories)																																					
	<table border="1"> <tr><td>Wire</td><td colspan="2">mm²</td></tr> <tr><td>rigid</td><td colspan="2"></td></tr> <tr><td>fine-stranded</td><td colspan="2">0.75 – 4.0</td></tr> <tr><td>stranded</td><td colspan="2">without ferrules</td></tr> <tr><td>Term. poles</td><td colspan="2">1</td></tr> <tr><td>Thread</td><td colspan="2">M20 x 1.5</td></tr> <tr><td>Gland</td><td colspan="2">inside</td></tr> </table>			Wire	mm ²		rigid			fine-stranded	0.75 – 4.0		stranded	without ferrules		Term. poles	1		Thread	M20 x 1.5		Gland	inside		<table border="1"> <tr><td>Wire</td><td colspan="2">mm²</td></tr> <tr><td>fine-stranded</td><td colspan="2">0.75 – 4.0</td></tr> <tr><td>Term. poles</td><td colspan="2">1</td></tr> <tr><td>Thread</td><td colspan="2">M20 x 1.5</td></tr> <tr><td>Gland</td><td colspan="2">inside</td></tr> </table>		Wire	mm ²		fine-stranded	0.75 – 4.0		Term. poles	1		Thread	M20 x 1.5		Gland	inside	
	Wire	mm ²																																							
	rigid																																								
fine-stranded	0.75 – 4.0																																								
stranded	without ferrules																																								
Term. poles	1																																								
Thread	M20 x 1.5																																								
Gland	inside																																								
Wire	mm ²																																								
fine-stranded	0.75 – 4.0																																								
Term. poles	1																																								
Thread	M20 x 1.5																																								
Gland	inside																																								
Power 250V/400V	⊕, N, 3, 2, 1	gray/black	96.053.6053.0	96.153.2053.0																																					
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.053.6053.6	96.153.2053.6																																					
Switch.func. 250 V	1, 2, 3, 4, 5	blue	96.053.6053.9	96.153.2053.9																																					
Extra-low voltage	1, 2, 3, 4, 5	brown	96.053.6051.4	96.153.2051.4																																					

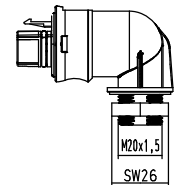
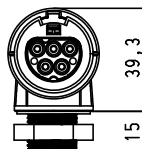
Male connector

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

Angled 90°, thread M20.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.																																											
	with screw connection			with crimp connection (see Accessories)																																											
	<table border="1"> <tr><td>Wire</td><td colspan="2">mm²</td></tr> <tr><td>rigid</td><td colspan="2"></td></tr> <tr><td>fine-stranded</td><td colspan="2">0.75 – 4.0</td></tr> <tr><td>stranded</td><td colspan="2">without ferrules</td></tr> <tr><td>Term. poles</td><td colspan="2">1</td></tr> <tr><td>Thread</td><td colspan="2">M20 x 1.5</td></tr> <tr><td>Gland</td><td colspan="2">inside</td></tr> <tr><td>Locking device</td><td colspan="2">yes</td></tr> </table>			Wire	mm ²		rigid			fine-stranded	0.75 – 4.0		stranded	without ferrules		Term. poles	1		Thread	M20 x 1.5		Gland	inside		Locking device	yes		<table border="1"> <tr><td>Wire</td><td colspan="2">mm²</td></tr> <tr><td>fine-stranded</td><td colspan="2">0.75 – 4.0</td></tr> <tr><td>Term. poles</td><td colspan="2">1</td></tr> <tr><td>Thread</td><td colspan="2">M20 x 1.5</td></tr> <tr><td>Gland</td><td colspan="2">inside</td></tr> <tr><td>Locking device</td><td colspan="2">yes</td></tr> </table>		Wire	mm ²		fine-stranded	0.75 – 4.0		Term. poles	1		Thread	M20 x 1.5		Gland	inside		Locking device	yes	
	Wire	mm ²																																													
	rigid																																														
fine-stranded	0.75 – 4.0																																														
stranded	without ferrules																																														
Term. poles	1																																														
Thread	M20 x 1.5																																														
Gland	inside																																														
Locking device	yes																																														
Wire	mm ²																																														
fine-stranded	0.75 – 4.0																																														
Term. poles	1																																														
Thread	M20 x 1.5																																														
Gland	inside																																														
Locking device	yes																																														
Power 250V/400V	⊕, N, 3, 2, 1	gray/black	96.054.6053.0	96.154.2053.0																																											
Power 250V + Dimming	L, ⊕, N, D1, D2	turquoise	96.054.6053.6	96.154.2053.1																																											
Switch.func. 250 V	1, 2, 3, 4, 5	blue	96.054.6053.9	96.154.2053.6																																											
Extra-low voltage	1, 2, 3, 4, 5	brown	96.054.6051.4	96.154.2053.9																																											
				96.154.2051.4																																											

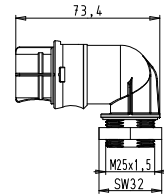
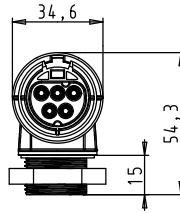
M 25 device connector, modular, angled

Female connector

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

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.																																											
	<table border="1"> <tr> <td>Power 250V/400V</td> <td></td> <td>⊕, N, 3, 2, 1</td> <td>gray</td> </tr> <tr> <td>Power 250V + Dimming</td> <td></td> <td>L, ⊕, N, D1, D2</td> <td>turquoise</td> </tr> <tr> <td>Switch.func. 250 V</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>blue</td> </tr> <tr> <td>Extra-low voltage</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>brown</td> </tr> </table>	Power 250V/400V		⊕, N, 3, 2, 1	gray	Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise	Switch.func. 250 V		1, 2, 3, 4, 5	blue	Extra-low voltage		1, 2, 3, 4, 5	brown	<table border="1"> <tr> <td colspan="2">with screw connection</td> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0.75 – 4.0</td> </tr> <tr> <td>stranded</td> <td>without ferrules</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1.5</td> </tr> <tr> <td>Gland</td> <td>inside</td> </tr> </table>	with screw connection		Wire	mm ²	rigid		fine-stranded	0.75 – 4.0	stranded	without ferrules	Term. poles	1	Thread	M25 x 1.5	Gland	inside	<table border="1"> <tr> <td colspan="2">with crimp connection (see Accessories)</td> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>fine-stranded</td> <td>0.75 – 4.0</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1.5</td> </tr> <tr> <td>Gland</td> <td>inside</td> </tr> </table>	with crimp connection (see Accessories)		Wire	mm ²	fine-stranded	0.75 – 4.0	Term. poles	1	Thread	M25 x 1.5	Gland	inside
		Power 250V/400V		⊕, N, 3, 2, 1	gray																																										
		Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise																																										
		Switch.func. 250 V		1, 2, 3, 4, 5	blue																																										
		Extra-low voltage		1, 2, 3, 4, 5	brown																																										
with screw connection																																															
Wire	mm ²																																														
rigid																																															
fine-stranded	0.75 – 4.0																																														
stranded	without ferrules																																														
Term. poles	1																																														
Thread	M25 x 1.5																																														
Gland	inside																																														
with crimp connection (see Accessories)																																															
Wire	mm ²																																														
fine-stranded	0.75 – 4.0																																														
Term. poles	1																																														
Thread	M25 x 1.5																																														
Gland	inside																																														
			96.053.6253.0	96.153.2253.0																																											
			96.053.6253.1	96.153.2253.1																																											
			96.053.6253.6	96.153.2253.6																																											
			96.053.6253.9	96.153.2253.9																																											
			96.053.6251.4	96.153.2251.4																																											

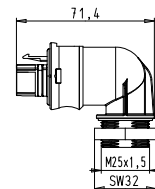
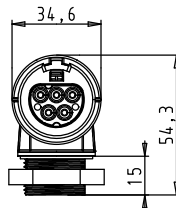
Male connector

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

Angled 90°, thread M25.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application	Coding	Color	Part No.	Part No.																																															
	<table border="1"> <tr> <td>Power 250V/400V</td> <td></td> <td>⊕, N, 3, 2, 1</td> <td>gray</td> </tr> <tr> <td>Power 250V + Dimming</td> <td></td> <td>L, ⊕, N, D1, D2</td> <td>turquoise</td> </tr> <tr> <td>Switch.func. 250 V</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>blue</td> </tr> <tr> <td>Extra-low voltage</td> <td></td> <td>1, 2, 3, 4, 5</td> <td>brown</td> </tr> </table>	Power 250V/400V		⊕, N, 3, 2, 1	gray	Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise	Switch.func. 250 V		1, 2, 3, 4, 5	blue	Extra-low voltage		1, 2, 3, 4, 5	brown	<table border="1"> <tr> <td colspan="2">with screw connection</td> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>rigid</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>0.75 – 4.0</td> </tr> <tr> <td>stranded</td> <td>without ferrules</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1.5</td> </tr> <tr> <td>Gland</td> <td>inside</td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table>	with screw connection		Wire	mm ²	rigid		fine-stranded	0.75 – 4.0	stranded	without ferrules	Term. poles	1	Thread	M25 x 1.5	Gland	inside	Locking device	yes	<table border="1"> <tr> <td colspan="2">with crimp connection (see Accessories)</td> </tr> <tr> <td>Wire</td> <td>mm²</td> </tr> <tr> <td>fine-stranded</td> <td>0.75 – 4.0</td> </tr> <tr> <td>Term. poles</td> <td>1</td> </tr> <tr> <td>Thread</td> <td>M25 x 1.5</td> </tr> <tr> <td>Gland</td> <td>inside</td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table>	with crimp connection (see Accessories)		Wire	mm ²	fine-stranded	0.75 – 4.0	Term. poles	1	Thread	M25 x 1.5	Gland	inside	Locking device	yes
		Power 250V/400V		⊕, N, 3, 2, 1	gray																																														
		Power 250V + Dimming		L, ⊕, N, D1, D2	turquoise																																														
		Switch.func. 250 V		1, 2, 3, 4, 5	blue																																														
		Extra-low voltage		1, 2, 3, 4, 5	brown																																														
with screw connection																																																			
Wire	mm ²																																																		
rigid																																																			
fine-stranded	0.75 – 4.0																																																		
stranded	without ferrules																																																		
Term. poles	1																																																		
Thread	M25 x 1.5																																																		
Gland	inside																																																		
Locking device	yes																																																		
with crimp connection (see Accessories)																																																			
Wire	mm ²																																																		
fine-stranded	0.75 – 4.0																																																		
Term. poles	1																																																		
Thread	M25 x 1.5																																																		
Gland	inside																																																		
Locking device	yes																																																		
			96.054.6253.0	96.154.2253.0																																															
			96.054.6253.1	96.154.2253.1																																															
			96.054.6253.6	96.154.2253.6																																															
			96.054.6253.9	96.154.2253.9																																															
			96.054.6251.4	96.154.2251.4																																															

Cable assemblies 1.5 mm², 16A

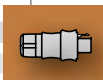
<p>H05VV-F 5G1.5</p> <p>containing halogen (PVC)</p>  <p>Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY</p> <p>Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY</p> <p>Cable¹⁾: black Connector in black</p> <p>Screw technology</p>	 <p>Female – Male</p> <table border="1"> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table>	Extension cable		Locking device	yes	 <p>Female – Free end</p> <table border="1"> <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>	Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	 <p>Male – Free end</p> <table border="1"> <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>	Connection cable		Wire ends	ultrason. welded	Sheath strip length	35 mm	Insul. strip length	9 mm	Locking device	yes
	Extension cable																								
	Locking device	yes																							
	Connection cable																								
	Wire ends	ultrason. welded																							
Sheath strip length	35 mm																								
Insul. strip length	9 mm																								
Connection cable																									
Wire ends	ultrason. welded																								
Sheath strip length	35 mm																								
Insul. strip length	9 mm																								
Locking device	yes																								
Application Length ²⁾ m	Part No.	Part No.	Part No.																						
Power 250/400V	1.0 96.452.1000.1 2.0 96.452.2000.1 3.0 96.452.3000.1 4.0 96.452.4000.1 5.0 96.452.5000.1 6.0 96.452.6000.1 7.0 96.452.7000.1 8.0 96.452.8000.1	96.452.1003.1 96.452.2003.1 96.452.3003.1 96.452.4003.1 96.452.5003.1 96.452.6003.1 96.452.7003.1 96.452.8003.1	96.452.1004.1 96.452.2004.1 96.452.3004.1 96.452.4004.1 96.452.5004.1 96.452.6004.1 96.452.7004.1 96.452.8004.1																						
Power 250V + Dimming L, ⊕, N, D1, D2	1.0 96.452.1000.6 2.0 96.452.2000.6 3.0 96.452.3000.6 4.0 96.452.4000.6 5.0 96.452.5000.6 6.0 96.452.6000.6 7.0 96.452.7000.6 8.0 96.452.8000.6	96.452.1003.6 96.452.2003.6 96.452.3003.6 96.452.4003.6 96.452.5003.6 96.452.6003.6 96.452.7003.6 96.452.8003.6	96.452.1004.6 96.452.2004.6 96.452.3004.6 96.452.4004.6 96.452.5004.6 96.452.6004.6 96.452.7004.6 96.452.8004.6																						
Switch, func.. 250 V 1, 2, 3, 4, 5	1.0 on request 2.0 3.0 4.0 5.0 6.0 7.0 8.0	on request	on request																						
Extra-low voltage 1, 2, 3, 4, 5	1.0 on request 2.0 3.0 4.0 5.0 6.0 7.0 8.0	on request	on request																						

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

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

Cable assemblies 1.5 mm², 16A

H07RN-F 5G1.5 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology				
		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
Application	Length ²⁾ m	Part No.	Part No.	Part No.
Power 250/400V	1.0	96.452.1030.1	96.452.1033.1	96.452.1034.1
	2.0	96.452.2030.1	96.452.2033.1	96.452.2034.1
1, 2, 3, N, ⊕	3.0	96.452.3030.1	96.452.3033.1	96.452.3034.1
	4.0	96.452.4030.1	96.452.4033.1	96.452.4034.1
	5.0	96.452.5030.1	96.452.5033.1	96.452.5034.1
	6.0	96.452.6030.1	96.452.6033.1	96.452.6034.1
	7.0	96.452.7030.1	96.452.7033.1	96.452.7034.1
	8.0	96.452.8030.1	96.452.8033.1	96.452.8034.1
Power 250V + Dimming	1.0	96.452.1030.6	96.452.1033.6	96.452.1034.6
	2.0	96.452.2030.6	96.452.2033.6	96.452.2034.6
L, ⊕, N, D1, D2	3.0	96.452.3030.6	96.452.3033.6	96.452.3034.6
	4.0	96.452.4030.6	96.452.4033.6	96.452.4034.6
	5.0	96.452.5030.6	96.452.5033.6	96.452.5034.6
	6.0	96.452.6030.6	96.452.6033.6	96.452.6034.6
	7.0	96.452.7030.6	96.452.7033.6	96.452.7034.6
	8.0	96.452.8030.6	96.452.8033.6	96.452.8034.6
Switch,func.. 250 V	1.0	on request	on request	on request
	2.0			
1, 2, 3, 4, 5	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			
Extra-low voltage	1.0	on request	on request	on request
	2.0			
1, 2, 3, 4, 5	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			



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

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


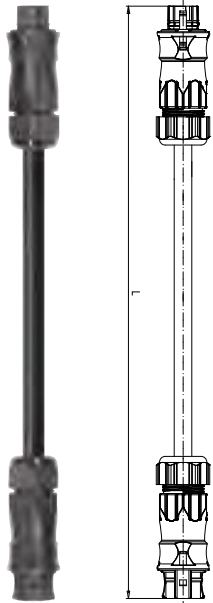
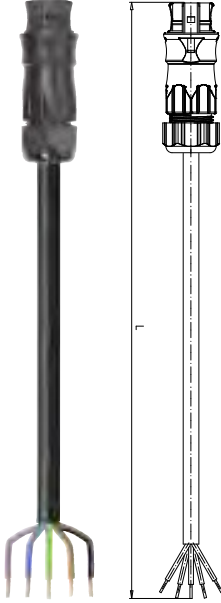
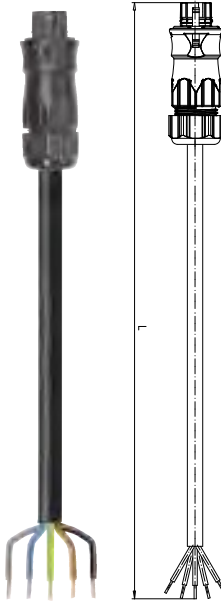




Cable assemblies 2.5 mm², 20A

H05VV-F 5G2.5 containing halogen (PVC)  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology				
	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	
Application	Length ²⁾ m	Part No.	Part No.	Part No.
Power 250/400V 1, 2, 3, N, ⊕	1.0	96.453.1000.1	96.453.1003.1	96.453.1004.1
	2.0	96.453.2000.1	96.453.2003.1	96.453.2004.1
	3.0	96.453.3000.1	96.453.3003.1	96.453.3004.1
	4.0	96.453.4000.1	96.453.4003.1	96.453.4004.1
	5.0	96.453.5000.1	96.453.5003.1	96.453.5004.1
	6.0	96.453.6000.1	96.453.6003.1	96.453.6004.1
	7.0	96.453.7000.1	96.453.7003.1	96.453.7004.1
	8.0	96.453.8000.1	96.453.8003.1	96.453.8004.1
Power 250V + Dimming L, ⊕, N, D1, D2	1.0	96.453.1000.6	96.453.1003.6	96.453.1004.6
	2.0	96.453.2000.6	96.453.2003.6	96.453.2004.6
	3.0	96.453.3000.6	96.453.3003.6	96.453.3004.6
	4.0	96.453.4000.6	96.453.4003.6	96.453.4004.6
	5.0	96.453.5000.6	96.453.5003.6	96.453.5004.6
	6.0	96.453.6000.6	96.453.6003.6	96.453.6004.6
	7.0	96.453.7000.6	96.453.7003.6	96.453.7004.6
	8.0	96.453.8000.6	96.453.8003.6	96.453.8004.6
Switch,func.. 250 V 1, 2, 3, 4, 5	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			
Extra-low voltage 1, 2, 3, 4, 5	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			

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

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

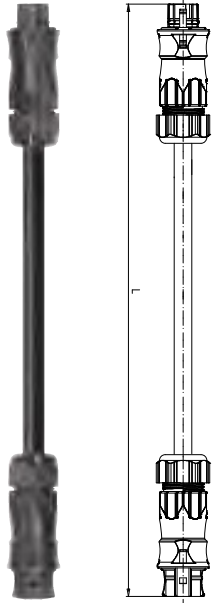
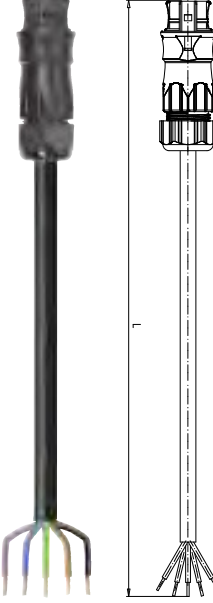
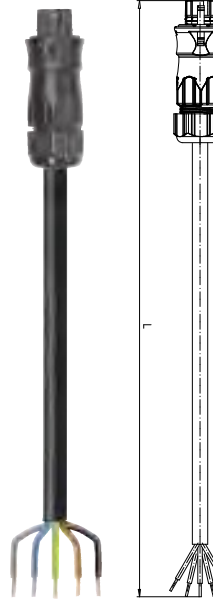









Cable assemblies 2.5 mm², 20A

H07RN-F 5G2.5 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology		 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
Application	Length ²⁾ m	Part No.	Part No.	Part No.
Power 250/400V 1, 2, 3, N, ⊕ 	1.0	96.453.1030.1	96.453.1033.1	96.453.1034.1
	2.0	96.453.2030.1	96.453.2033.1	96.453.2034.1
	3.0	96.453.3030.1	96.453.3033.1	96.453.3034.1
	4.0	96.453.4030.1	96.453.4033.1	96.453.4034.1
	5.0	96.453.5030.1	96.453.5033.1	96.453.5034.1
	6.0	96.453.6030.1	96.453.6033.1	96.453.6034.1
	7.0	96.453.7030.1	96.453.7033.1	96.453.7034.1
	8.0	96.453.8030.1	96.453.8033.1	96.453.8034.1
Power 250V + Dimming L, ⊕, N, D1, D2 	1.0	96.453.1030.6	96.453.1033.6	96.453.1034.6
	2.0	96.453.2030.6	96.453.2033.6	96.453.2034.6
	3.0	96.453.3030.6	96.453.3033.6	96.453.3034.6
	4.0	96.453.4030.6	96.453.4033.6	96.453.4034.6
	5.0	96.453.5030.6	96.453.5033.6	96.453.5034.6
	6.0	96.453.6030.6	96.453.6033.6	96.453.6034.6
	7.0	96.453.7030.6	96.453.7033.6	96.453.7034.6
	8.0	96.453.8030.6	96.453.8033.6	96.453.8034.6
Switch,func.. 250 V 1, 2, 3, 4, 5 	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			
Extra-low voltage 1, 2, 3, 4, 5 	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			

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

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


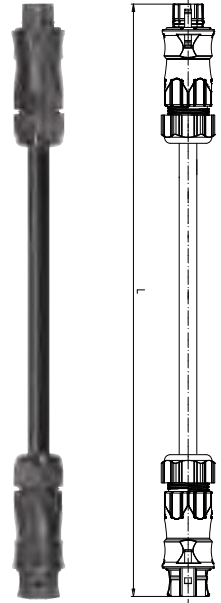
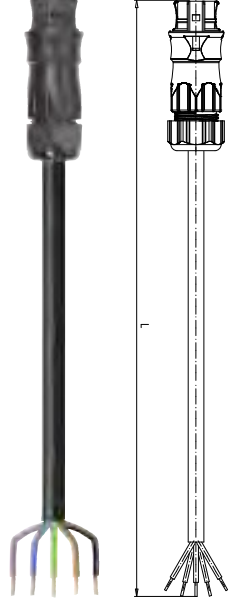
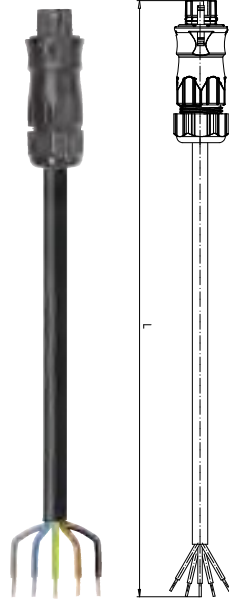




Cable assemblies 4.0 mm², 20A

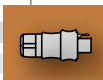
							
H05VV-F 5G4.0 containing halogen (PVC)  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY		Female – Male Extension cable Locking device yes		Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. 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	
Cable ¹⁾ : black Connector in black Screw technology		Part No.		Part No.		Part No.	
Application	Length ²⁾ m						
Power 250/400V	1.0	96.454.1000.1		96.454.1003.1		96.454.1004.1	
	2.0	96.454.2000.1		96.454.2003.1		96.454.2004.1	
1, 2, 3, N, ⊕	3.0	96.454.3000.1		96.454.3003.1		96.454.3004.1	
	4.0	96.454.4000.1		96.454.4003.1		96.454.4004.1	
	5.0	96.454.5000.1		96.454.5003.1		96.454.5004.1	
	6.0	96.454.6000.1		96.454.6003.1		96.454.6004.1	
	7.0	96.454.7000.1		96.454.7003.1		96.454.7004.1	
	8.0	96.454.8000.1		96.454.8003.1		96.454.8004.1	
Power 250V + Dimming	1.0	96.454.1000.6		96.454.1003.6		96.454.1004.6	
	2.0	96.454.2000.6		96.454.2003.6		96.454.2004.6	
L, ⊕, N, D1, D2	3.0	96.454.3000.6		96.454.3003.6		96.454.3004.6	
	4.0	96.454.4000.6		96.454.4003.6		96.454.4004.6	
	5.0	96.454.5000.6		96.454.5003.6		96.454.5004.6	
	6.0	96.454.6000.6		96.454.6003.6		96.454.6004.6	
	7.0	96.454.7000.6		96.454.7003.6		96.454.7004.6	
	8.0	96.454.8000.6		96.454.8003.6		96.454.8004.6	
Switch, func.. 250 V	1.0	on request		on request		on request	
	2.0						
1, 2, 3, 4, 5	3.0						
	4.0						
	5.0						
	6.0						
	7.0						
	8.0						
Extra-low voltage	1.0	on request		on request		on request	
	2.0						
1, 2, 3, 4, 5	3.0						
	4.0						
	5.0						
	6.0						
	7.0						
	8.0						

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

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

Cable assemblies 4.0 mm², 20A

H07RN-F 5G4.0 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology		 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
Application	Length ²⁾ m	Part No.	Part No.	Part No.
Power 250/400V 1, 2, 3, N, ⊕ 	1.0	96.454.1030.1	96.454.1033.1	96.454.1034.1
	2.0	96.454.2030.1	96.454.2033.1	96.454.2034.1
	3.0	96.454.3030.1	96.454.3033.1	96.454.3034.1
	4.0	96.454.4030.1	96.454.4033.1	96.454.4034.1
	5.0	96.454.5030.1	96.454.5033.1	96.454.5034.1
	6.0	96.454.6030.1	96.454.6033.1	96.454.6034.1
	7.0	96.454.7030.1	96.454.7033.1	96.454.7034.1
	8.0	96.454.8030.1	96.454.8033.1	96.454.8034.1
Power 250V + Dimming L, ⊕, N, D1, D2 	1.0	96.454.1030.6	96.454.1033.6	96.454.1034.6
	2.0	96.454.2030.6	96.454.2033.6	96.454.2034.6
	3.0	96.454.3030.6	96.454.3033.6	96.454.3034.6
	4.0	96.454.4030.6	96.454.4033.6	96.454.4034.6
	5.0	96.454.5030.6	96.454.5033.6	96.454.5034.6
	6.0	96.454.6030.6	96.454.6033.6	96.454.6034.6
	7.0	96.454.7030.6	96.454.7033.6	96.454.7034.6
	8.0	96.454.8030.6	96.454.8033.6	96.454.8034.6
Switch,func.. 250 V 1, 2, 3, 4, 5 	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			
Extra-low voltage 1, 2, 3, 4, 5 	1.0	on request	on request	on request
	2.0			
	3.0			
	4.0			
	5.0			
	6.0			
	7.0			
	8.0			

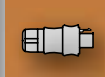


Observe the installation instructions in the Technical Data that follow the product pages.


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

Cable assemblies 2.5 mm², 20 A, Power 5 pole

<p>Oelflex Classic 110 5G2.5</p> <p>containing halogen (PVC)</p>  <p>Power 250/400V: Ⓧ = GN/YE N = BK4 1 = BK1 2 = BK2 3 = BK3</p> <p>Cable¹⁾: gray Connector in black</p> <p>Screw technology</p>	  <p style="text-align: center;">L ± 3%</p>	  <p style="text-align: center;">L ± 3%</p>	  <p style="text-align: center;">L ± 3%</p>	
	<p>Female – Male</p> <p>Extension cable</p> <p>Locking device yes</p>	<p>Female – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p>	<p>Male – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p> <p>Locking device yes</p>	
	<p>Application Length²⁾ m</p>	<p>Part No.</p>	<p>Part No.</p>	<p>Part No.</p>
	<p>Power 1.0</p> <p>250/400V 2.0</p> <p>1, 2, 3, N, Ⓧ 3.0</p> <p>4.0</p> <p>5.0</p> <p>6.0</p> <p>7.0</p> <p>8.0</p>	<p>96.453.1080.1</p> <p>96.453.2080.1</p> <p>96.453.3080.1</p> <p>96.453.4080.1</p> <p>96.453.5080.1</p> <p>96.453.6080.1</p> <p>96.453.7080.1</p> <p>96.453.8080.1</p>	<p>96.453.1083.1</p> <p>96.453.2083.1</p> <p>96.453.3083.1</p> <p>96.453.4083.1</p> <p>96.453.5083.1</p> <p>96.453.6083.1</p> <p>96.453.7083.1</p> <p>96.453.8083.1</p>	<p>96.453.1084.1</p> <p>96.453.2084.1</p> <p>96.453.3084.1</p> <p>96.453.4084.1</p> <p>96.453.5084.1</p> <p>96.453.6084.1</p> <p>96.453.7084.1</p> <p>96.453.8084.1</p>



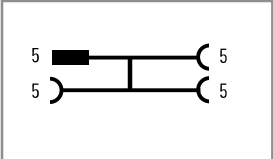
Distribution units




Name	Color	Part No.
Distribution units 5 pole	gray	on request
	black	96.050.0153.1

Dimensions (W x L x H)	104 x 162 x 57.2 mm
Input	1
Outputs	3
Routing 3 outputs 230/400V, 20A	RST 20i5 coding color black
Prewired with	2.5 mm ²
Fastening options	yes

Circuit diagram





Name	Color	Part No.
RST multi-distribution unit 1 Input, 5 Outputs	black	on request 96.050.2153.1

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 2 – 5-pole
Input	1
Outputs max.	7
Prewired with	2.5 mm ²
Fuses	6.3 or 10 A can be integrated


Accessories

Female connector
4 to 5 pole



Color	Part No.	Part No.
	not captive against loss	captive against loss
	Pole 4 – 5 pole	Pole 4 – 5 pole
	Safe locking device unused male connectors	Safe locking device unused male connectors
gray	05.565.9953.0	99.531.0000.7
black	05.565.9953.1	99.532.0000.7


Male connector
4 to 5 pole



Color	Part No.	Part No.
	not captive against loss	captive against loss
	Pole 4 – 5 pole	Pole 4 – 5 pole
	Safe locking device unused female connectors	Safe locking device unused female connectors
gray	Z5.565.9853.0	99.529.0000.7
black	Z5.565.9853.1	99.530.0000.7


Accessories

Crimp contacts* Female contacts	Name	Marking (groove) mm ²		Part No.	Units per pack
	Crimp contact	unmarked	0.75 – 1.0	02.125.5521.8	100
	Crimp contact	1	1.5	02.125.5621.8	100
	Crimp contact	2	2.5	02.125.5721.8	100
	Crimp contact	3	4.0	02.125.5821.8	100





* Available on straps or in magazines on request

Crimp contacts* Male contacts	Name	Marking (groove) mm ²		Part No.	Units per pack
	Crimp contact	unmarked	0.75 – 1.0	05.545.0021.8	100
	Crimp contact	1	1.5	05.545.0121.8	100
	Crimp contact	2	2.5	05.545.0221.8	100
	Crimp contact	3	4.0	05.545.0321.8	100




* Available on straps or in magazines on request

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

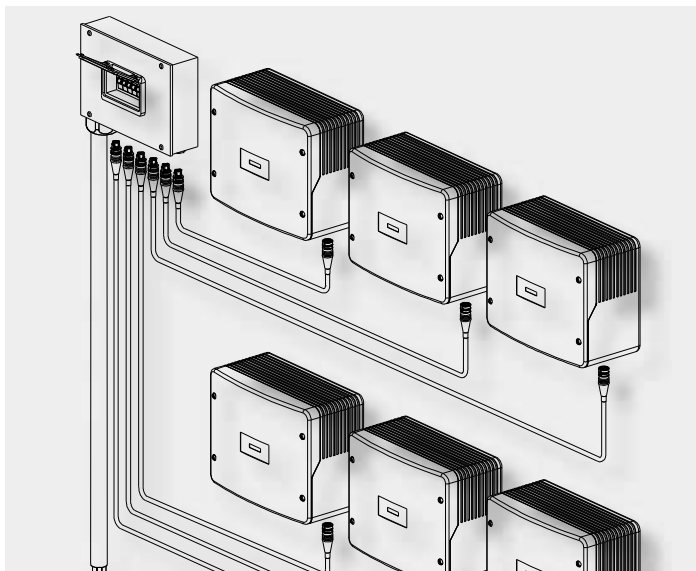


RST 25i5



Solar applications up to 25 A for single-phase supply with three-phase power monitoring or three-phase supply

Application example



General

The system has been specially adapted to the requirements of solar technology. The connectors can be loaded with 25A and are used for single-phase supply with power monitoring or three-phase supply.

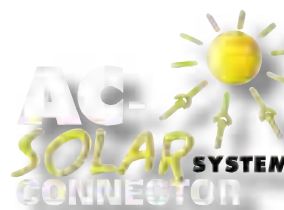
Special distribution boxes are used to bundle the electrical power of up to 6 inverters and thus complete the system.

These connectors have their own mechanical coding.

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

Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 25 A
- Cross-sections up to 6 mm²
- Degree of protection IP65 ... IP68 (on request)

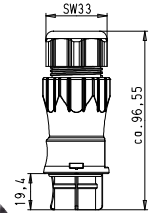
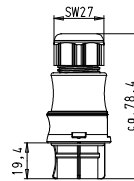


Coding

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	3-phase power
				Mechanical coding, for example	250/400 V, 25 A L, N, ⊕, 1, 2
Name	Description	Connection style	Strain relief housing	Connection points per pole	concrete gray
Connectors	1 x cable entry	Screw technology	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	✓

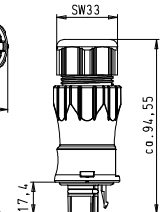
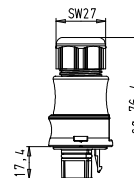
Connectors, 25 A

Female connector



Application	Coding	Color	Part No.	Part No.				
3-phase power 250/400 V, 25 A		concrete gray/ black	Screw technology for cable Ø 10 –14 mm		Screw technology for cable Ø 13 –18 mm			
			Wire	mm ²		Wire	mm ²	
			solid		solid			
			fine-stranded	up to 4.0	without ferrules	fine-stranded	up to 4.0	without ferrules
			96.051.4154.3	4.0 mm ²		96.051.4554.3	4.0 mm ²	
						99.575.0000.7	6.0 mm ²	

Male connector



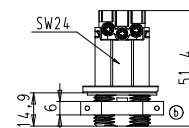
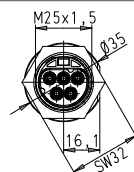
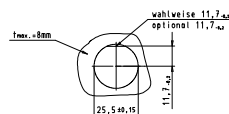
Application	Coding	Color	Part No.	Part No.				
3-phase power 250/400 V, 25 A		concrete gray/ black	Screw technology for cable Ø 10 –14 mm		Screw technology for cable Ø 13 –18 mm			
			Wire	mm ²		Wire	mm ²	
			solid		solid			
			fine-stranded	up to 4.0	without ferrules	fine-stranded	up to 4.0	without ferrules
			96.052.4154.3	4.0 mm ²		96.052.4554.3	4.0 mm ²	
						99.576.0000.7	6.0 mm ²	

M 25 device connector, 25 A

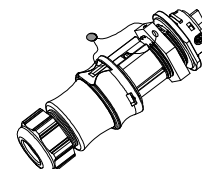
Female connector

With sealing option

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

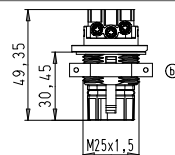
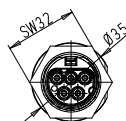
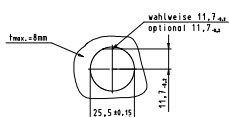


Application	Coding	Color	Part No.
3-phase power 250/400 V, 25 A		concrete gray/ black	Screw technology
			Wire
			mm ²
			solid
			up to 4.0
			fine-stranded
			up to 6.0
			without ferrules
			96.051.5054.3
			4.0 mm ²
			99.577.0000.7
			6.0 mm ²

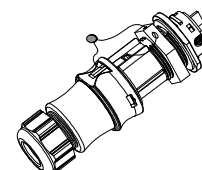


Male connector

With sealing option



Application	Coding	Color	Part No.
3-phase power 250/400 V, 25 A		concrete gray/ black	Screw technology
			Wire
			mm ²
			solid
			up to 4.0
			fine-stranded
			up to 6.0
			without ferrules
			96.052.5054.3
			4.0 mm ²
			99.578.0000.7
			6.0 mm ²



Distribution units



RST Distribution box RST RAN Solar

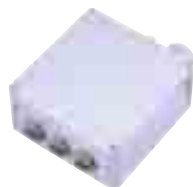


Name	Material	Part No.
RST RAN Solar	Sheet metal/ powder-coated	99.527.0000.7

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

Inputs	6 x RST25i5 / Concrete gray coding
Cable gland	1 x M40, 2 x M20
Connector clamps	5 x 35 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	99.528.0000.7
-----------------------------------	---------	---------------

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

Inputs	3 RST25i5 / 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 5G4.0¹⁾



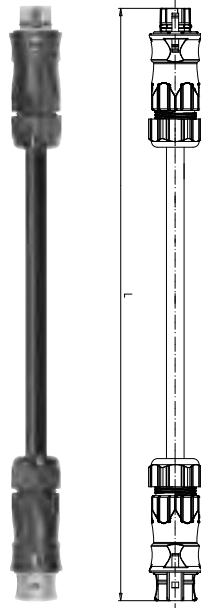
N = BU
L = GY
⊕ = GN/YE
1 = BN
2 = BK

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.

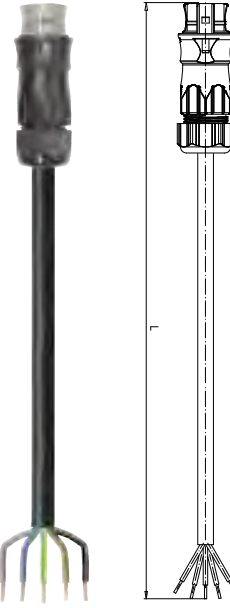
Cable: black
Coding: concrete gray/black

Application	Length ²⁾ m	Part No.
3-phase power	1.0	96.854.1000.3
	1.5	96.854.1500.3
250/400 V, 25 A	2.0	96.854.2000.3
	2.5	96.854.2500.3
	3.0	96.854.3000.3
L, N, ⊕, 1, 2	3.5	96.854.3500.3
	4.0	96.854.4000.3



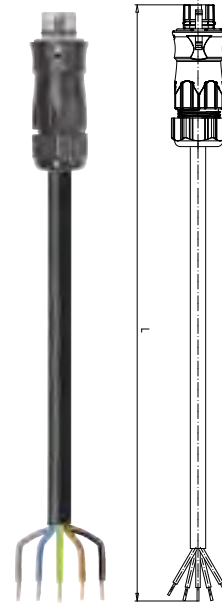
Female – Male

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	13.0 – 16.1 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	13.0 – 16.1 mm
H05VV-F ³⁾	

Part No.


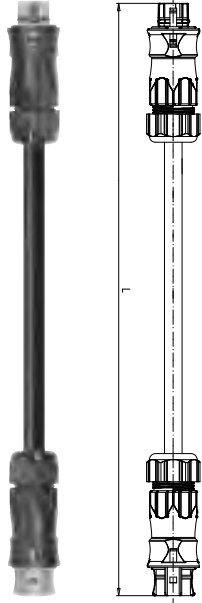
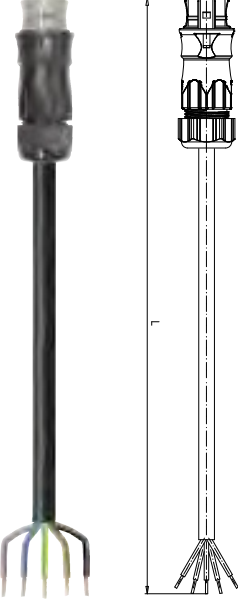
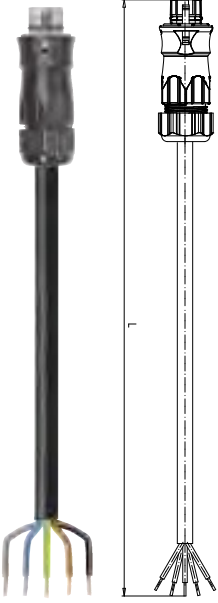
96.854.1004.3
96.854.1504.3
96.854.2004.3
96.854.2504.3
96.854.3004.3
96.854.3504.3
96.854.4004.3

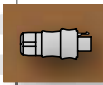
¹⁾ Other cables available on request

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 5G4.0¹⁾</p>  <p>N = BU L = GY ⊕ = GN/YE 1 = BN 2 = BK</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>15.6 – 19.9 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	15.6 – 19.9 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>15.6 – 19.9 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	15.6 – 19.9 mm	H07RN-F ³⁾	
Connection cable																																			
Extension cable																																			
Locking device	yes																																		
Connection cable																																			
Wire ends	ultrason. welded																																		
Sheath strip length	35 mm																																		
Insul. strip length	9 mm																																		
Cable diameter	15.6 – 19.9 mm																																		
H07RN-F ²⁾																																			
Connection cable																																			
Wire ends	ultrason. welded																																		
Sheath strip length	35 mm																																		
Insul. strip length	9 mm																																		
Locking device	yes																																		
Cable diameter	15.6 – 19.9 mm																																		
H07RN-F ³⁾																																			
<p>Application Length²⁾ m</p>	<p>Part No.</p>	<p>Part No.</p>	<p>Part No.</p>																																
3-phase power	96.854.1030.3	96.854.1033.3	96.854.1034.3																																
250/400 V, 25 A	96.854.1530.3	96.854.1533.3	96.854.1534.3																																
	96.854.2030.3	96.854.2033.3	96.854.2034.3																																
	96.854.2530.3	96.854.2533.3	96.854.2534.3																																
	96.854.3030.3	96.854.3033.3	96.854.3034.3																																
L, N, ⊕, 1, 2	96.854.3530.3	96.854.3533.3	96.854.3534.3																																
	96.854.4030.3	96.854.4033.3	96.854.4034.3																																



¹⁾ Other cables available on request
²⁾ Other lengths available on request
³⁾ According to VDE 0281/T5 and VDE 0288/T4