

gesis[®]



Mains, 5 pole, low voltage, mains + dimming

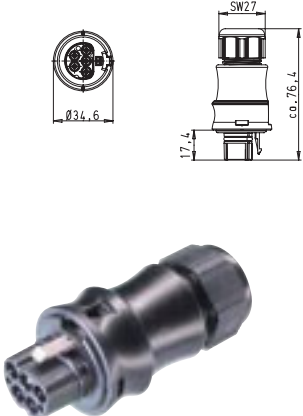
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The 5 pole connectors come in three variations. The standard version for general mains applications; a version to combine mains and dimming signals; and finally a version for low voltage applications.

					Application		Mains 250/400 V	50 V, LV, bus signals	Mains 250 V + dimming
					Mechanical coding	3, ground, N, 2, 1	1, 2, 3, 4, 5	L, ground, N, +, -	
									
Name	Description	Connection style	Strain relief housing	Connection points per pole	gray	black	brown	turquoise	
Connectors	1 x cable entry	Screw technology Crimp technology	yes	1					
	2 x cable entry	Screw technology	yes	1					
Distribution units	RST compact distributor/ multi distributor				available on request	available on request	available on request	available on request	
	Individual distribution box				available on request	available on request	available on request	available on request	
Cable assemblies	Connection cable Male – Free end	pre-assembled	pre-assembled	pre-assembled					
	Connection cable Female – Free end								
	Extension cable Male – Female								

Connectors

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

					With screw connection²⁾ for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm ² . Unassembled with cable gland ¹⁾ and locking device. See "Technical Data" for sheath and insulation strip lengths.		With crimp contacts for fine-stranded and stranded cables of 0.75 – 4.0 mm ² . Unassembled with cable gland ¹⁾ and locking device. Crimp contacts separately available under "Accessories" See "Technical Data" for sheath and insulation strip lengths.	
Application	Coding	Cable	Color		Part No.	Std. Pack	Part No.	Std. Pack
Female connector								
Mains 250/400 V		3, ground, N, 2, 1	6 – 10 mm	gray black	96.051.4053.0		96.151.0053.0	3rd. quart. 2006
			10 – 14 mm	gray black	96.051.4053.1		96.151.0053.1	3rd. quart. 2006
			13 – 18 mm	gray black	96.051.4153.0		96.151.0153.0	3rd. quart. 2006
Mains 250 V + dimming		L, ground, N, +, -	6 – 10 mm	turquoise	96.051.4153.1		96.151.0153.1	3rd. quart. 2006
			10 – 14 mm					
			13 – 18 mm		96.051.4053.6		96.151.0053.6	3rd. quart. 2006
50 V, LV, bus signals		1, 2, 3, 4, 5	6 – 10 mm	brown	96.051.4153.6		96.151.0153.6	3rd. quart. 2006
			10 – 14 mm					
			13 – 18 mm		96.051.4051.4		96.151.0051.4	3rd. quart. 2006
					96.051.4151.4		96.151.0151.4	3rd. quart. 2006
Application	Coding	Cable	Color		Part No.	Std. Pack	Part No.	Std. Pack
Male connector								
Mains 250/400 V		ground, N, 1, 2, 3	6 – 10 mm	gray black	96.052.4053.0		96.152.0053.0	3rd. quart. 2006
			10 – 14 mm	gray black	96.052.4053.1		96.152.0053.1	3rd. quart. 2006
			13 – 18 mm	gray black	96.052.4153.0		96.152.0153.0	3rd. quart. 2006
Mains 250 V + dimming		L, ground, N, +, -	6 – 10 mm	turquoise	96.052.4153.1		96.152.0153.1	3rd. quart. 2006
			10 – 14 mm					
			13 – 18 mm		96.052.4053.6		96.152.0053.6	3rd. quart. 2006
50 V, LV, bus signals		1, 2, 3, 4, 5	6 – 10 mm	brown	96.052.4153.6		96.152.0152.6	3rd. quart. 2006
			10 – 14 mm					
			13 – 18 mm		96.052.4051.4		96.152.0051.4	3rd. quart. 2006
					96.052.4151.4		96.152.0151.4	3rd. quart. 2006

¹⁾ Cable gland with bend protection available on request

²⁾ With wire protection available on request

Connector for cable Ø 13 – 18 mm

With screw connection²⁾ for rigid, fine-stranded and stranded cables of max. 4.0 mm². Unassembled with cable gland and locking device.

See "Technical Data" for sheath and insulation strip lengths.

Part No. Std. Pack

With crimp contacts for fine-stranded and stranded cables of 0.75 – 4.0 mm². Unassembled with cable gland¹⁾ and locking device. Crimp contacts separately available under "Accessories"

See "Technical Data" for sheath and insulation strip lengths.

Part No. Std. Pack



Splitter connector

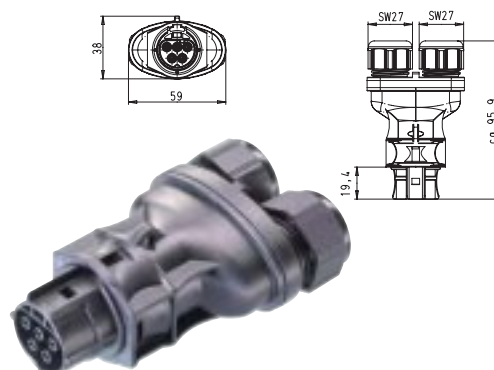
Mains, 5 pole, low voltage, mains + dimming

With screw connection²⁾ for rigid, fine-stranded and stranded cables of 0.75 – 1.5 mm². Unassembled with cable gland¹⁾ and locking device.

See "Technical Data" for sheath and insulation strip lengths.

Part No. Std. Pack

See "Accessories" for the mounting plate used to fasten the splitter connector.



			96.051.4253.0
			96.051.4253.1
			96.051.4353.0
			96.051.4353.1
96.051.4553.0	96.151.0553.0	3rd. quart. 2006	
96.051.4553.0	96.151.0553.0	3rd. quart. 2006	
96.051.4553.6	96.151.0553.6	3rd. quart. 2006	96.051.4253.6
			96.051.43.53.6
96.051.4553.4	96.151.0553.4	3rd. quart. 2006	96.051.4251.4
			96.051.4351.4
Part No.	Std. Pack	Part No.	Std. Pack

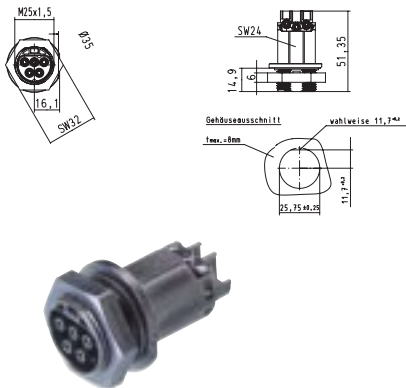
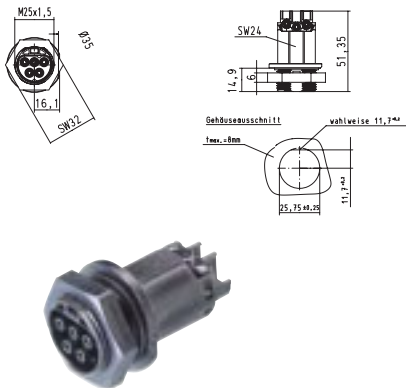
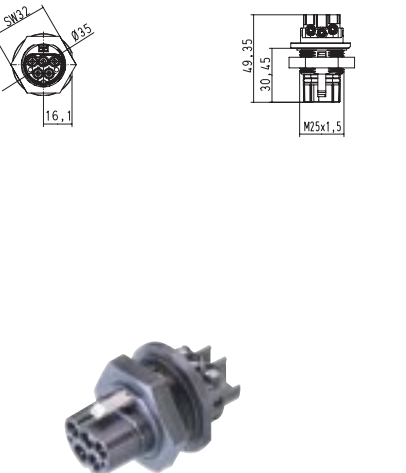
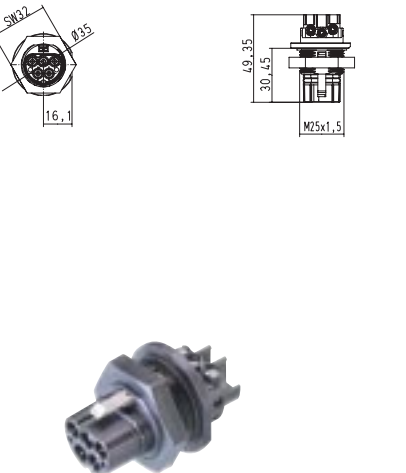


96.052.4553.0	96.152.0553.0	3rd. quart. 2006	
96.052.4553.0	96.152.0553.0	3rd. quart. 2006	
96.052.4551.6	96.152.0551.6	3rd. quart. 2006	
96.052.4551.4	96.152.0551.4	3rd. quart. 2006	

Appliance connectors

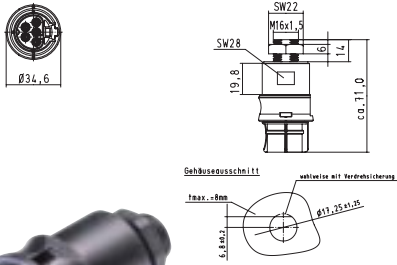
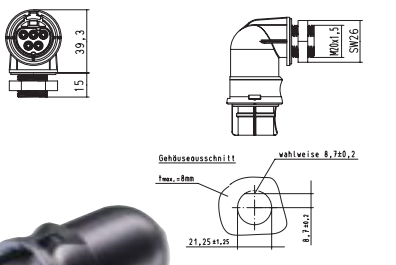
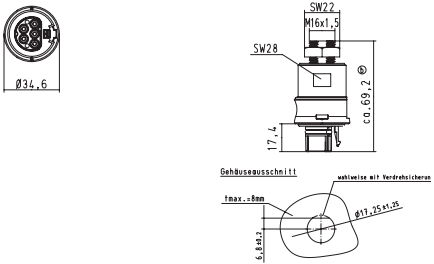
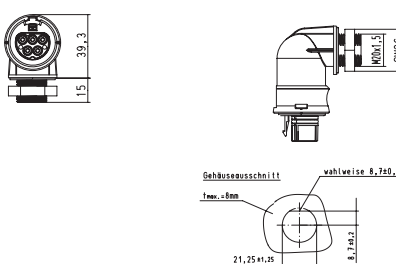
Appliance connector M25, standard

Appliance connector M20, modular, straight

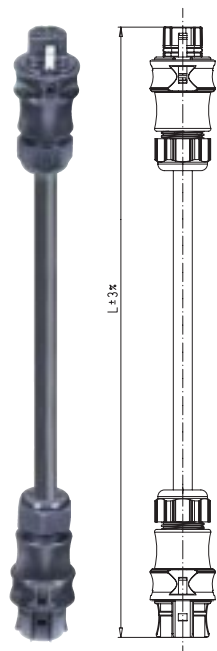
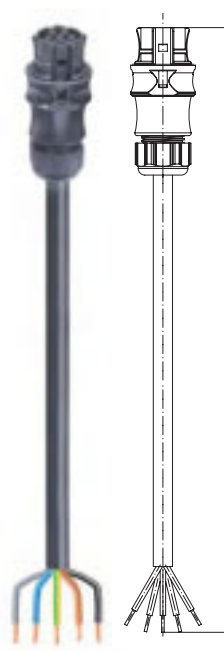
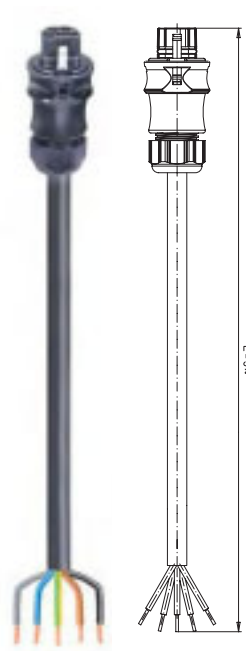
		Appliance connector M25, standard		Appliance connector M20, modular, straight	
		With screw connections for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device. Fixing in position guaranteed by flattening the thread. With M25x1.5 thread, internal cable gland. See "Technical Data" for insulation strip lengths.		With crimp connections for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device. Fixing in position guaranteed by flattening the thread. With M20x1.5 thread, internal cable gland. Crimp contacts separately available under "Accessories" See "Technical Data" for insulation strip lengths.	
Application	Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector					
					
					
	Mains 250/400 V	gray	96.051.5053.0 96.051.5053.1	96.151.1053.0 96.151.1053.1	3rd. quart. 2006 3rd. quart. 2006
	Mains 250 V + dim.	turquoise	96.051.5053.6	96.151.5053.6	3rd. quart. 2006
	50 V, LV, bus signals	brown	96.051.5051.4	96.151.5051.4	3rd. quart. 2006
Application	Color	Part No.	Std. Pack	Part No.	Std. Pack
Male connector					
					
					
	Mains 250/400 V	gray	96.052.5053.0 96.052.5053.1	96.152.1053.0 96.152.1053.1	3rd. quart. 2006 3rd. quart. 2006
	Mains 250 V + dim.	turquoise	96.052.5053.6	96.152.5053.6	3rd. quart. 2006
	50 V, LV, bus signals	brown	96.052.5051.4	96.152.5051.4	3rd. quart. 2006

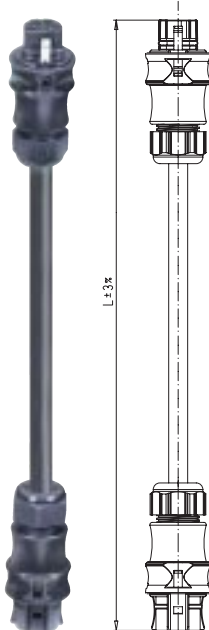
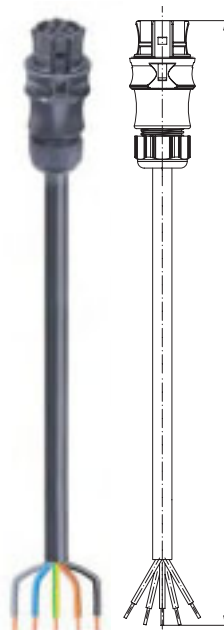
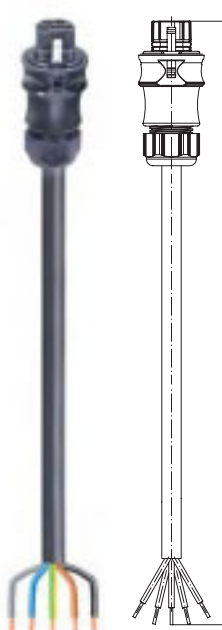
Appliance connector M16, modular, straight

Mains, 5 pole, low voltage, mains + dimming Appliance connector M20, modular, angled

		Appliance connector M16, modular, straight		Appliance connector M20, modular, angled	
		With screw connections for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device. Fixing in position guaranteed by flattening the thread. With M16x1.5 thread, internal cable gland. See "Technical Data" for insulation strip lengths.		With crimp connections for rigid, fine-stranded and stranded cables of 0.75 – 4.0 mm². 1 connection point per pole. With locking device. Fixing in position guaranteed by flattening the thread. With M20x1.5 thread, internal cable gland. Crimp contacts separately available under "Accessories" See "Technical Data" for insulation strip lengths.	
Application	Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector					
Mains 250/400 V	gray/black	96.051.6153.0 96.051.6153.1		96.053.6053.0 96.053.6053.1	96.153.2053.0 96.153.2053.1
Mains 250 V + dim.	turquoise	96.051.6153.6	3rd. quart. 2006	96.053.6053.6	96.153.2053.6 3rd. quart. 2006
50 V, LV, bus signals	brown	96.051.6151.4	3rd. quart. 2006	96.053.6051.4	96.153.2051.4 3rd. quart. 2006
Application	Color	Part No.	Std. Pack	Part No.	Std. Pack
Male connector					
Mains 250/400 V	gray/black	96.052.6153.0 96.052.6153.1	96.152.2153.0 96.152.2153.1	96.054.6053.0 96.054.6053.1	96.154.2053.0 96.154.2053.1
Mains 250 V + dim.	turquoise	96.052.6153.6	3rd. quart. 2006	96.054.6053.6	96.154.2053.6 3rd. quart. 2006
50 V, LV, bus signals	brown	96.052.6151.4	96.152.2151.4 3rd. quart. 2006	96.054.6051.4	96.154.2051.4 3rd. quart. 2006

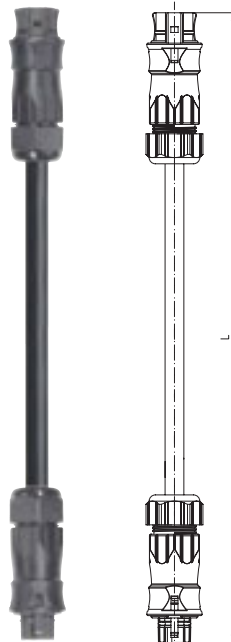
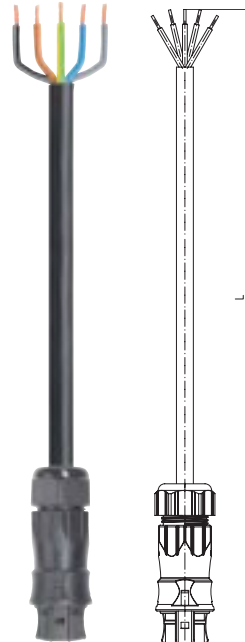
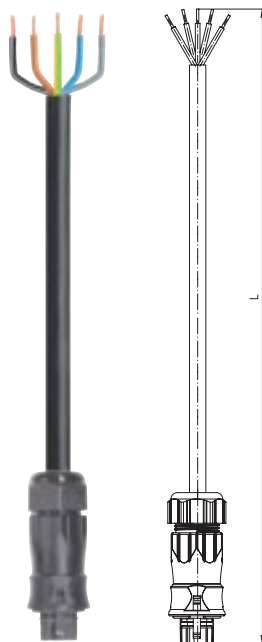
Cable assemblies, 1.5 mm²

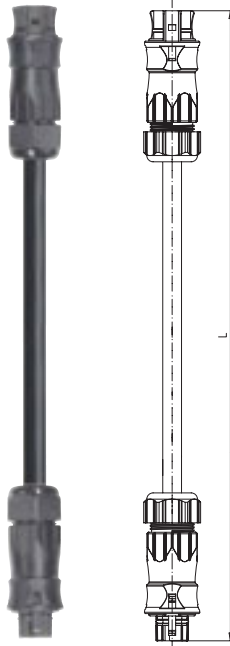
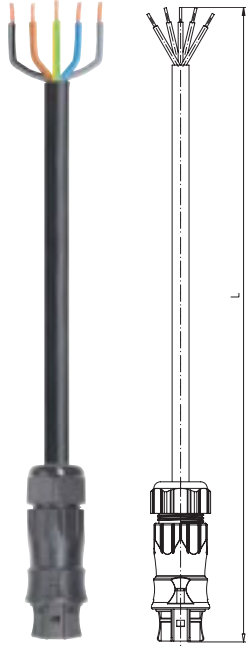
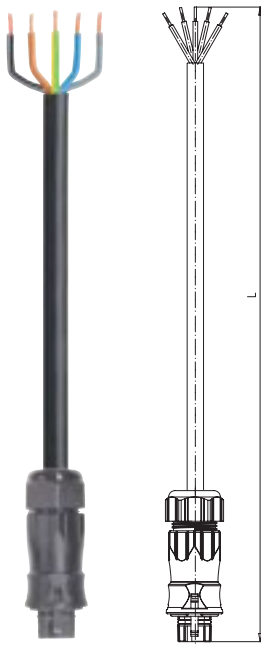
			Extension cable		Connection cable		Connection cable		
			H05VV-F 5G1,5		H05VV-F 5G1,5		H05VV-F 5G1,5		
			Female – Male with locking device		Female – Free end with ultrasonically welded wire ends		Male – Free end with ultrasonically welded wire ends and locking device		
					Cable strip length: 35 mm Insulation strip length: 9 mm		Cable strip length: 35 mm Insulation strip length: 9 mm		
Pre-assembled mains cables  ground = gn/yl N = bl 1 = br 2 = bk 3 = gray Cable¹⁾ in black Connector in black Screw technology			 L ± 3%		 L ± 3%		 L ± 3%		
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains 250/400 V	3, ground, N, 2, 1 	black	1.0 m	96.452.1000.1		96.452.1003.1		96.452.1004.1	
			2.0 m	96.452.2000.1		96.452.2003.1		96.452.2004.1	
	3.0 m	96.452.3000.1		96.452.3003.1		96.452.3004.1			
	4.0 m	96.452.4000.1		96.452.4003.1		96.452.4004.1			
	5.0 m	96.452.5000.1		96.452.5003.1		96.452.5004.1			
	6.0 m	96.452.6000.1		96.452.6003.1		96.452.6004.1			
	7.0 m	96.452.7000.1		96.452.7003.1		96.452.7004.1			
	8.0 m	96.452.8000.1		96.452.8003.1		96.452.8004.1			
Mains 250 V + dimming	L, ground, N, +, - 	turquoise	1.0 m	96.452.1000.6		96.452.1003.6		96.452.1004.6	
			2.0 m	96.452.2000.6		96.452.2003.6		96.452.2004.6	
	3.0 m	96.452.3000.6		96.452.3003.6		96.452.3004.6			
	4.0 m	96.452.4000.6		96.452.4003.6		96.452.4004.6			
	5.0 m	96.452.5000.6		96.452.5003.6		96.452.5004.6			
	6.0 m	96.452.6000.6		96.452.6003.6		96.452.6004.6			
	7.0 m	96.452.7000.6		96.452.7003.6		96.452.7004.6			
	8.0 m	96.452.8000.6		96.452.8003.6		96.452.8004.6			
LV, signals, bus, 50 V	1, 2, 3, 4, 5 	brown	1.0 m	Available on request		Available on request		Available on request	
			2.0 m						
	3.0 m								
	4.0 m								
	5.0 m								
	6.0 m								
	7.0 m								
	8.0 m								
		Cable: black							

			Extension cable		Connection cable		Connection cable			
			H07RN-F 5G1,5		H07RN-F 5G1,5		H07RN-F 5G1,5			
			Female – Male with locking device		Female – Free end with ultrasonically welded wire ends		Male – Free end with ultrasonically welded wire ends and locking device			
					Cable strip length: 35 mm Insulation strip length: 9 mm		Cable strip length: 35 mm Insulation strip length: 9 mm			
Pre-assembled mains cables  ground = gn/y N = bl 1 = br 2 = bk 3 = gray Cable¹⁾ in black Connector in black Screw technology										
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	
Mains 250/400 V	3, ground, N, 2, 1  Female	black	1.0 m	96.452.1030.1		96.452.1033.1		96.452.1034.1		
	 Male	Cable: black	2.0 m	96.452.2030.1		96.452.2033.1		96.452.2034.1		
			3.0 m	96.452.3030.1		96.452.3033.1		96.452.3034.1		
			4.0 m	96.452.4030.1		96.452.4033.1		96.452.4034.1		
			5.0 m	96.452.5030.1		96.452.5033.1		96.452.5034.1		
			6.0 m	96.452.6030.1		96.452.6033.1		96.452.6034.1		
			7.0 m	96.452.7030.1		96.452.7033.1		96.452.7034.1		
			8.0 m	96.452.8030.1		96.452.8033.1		96.452.8034.1		
Mains 250 V + dimming	L, ground, N, +, -  Female	turquoise	1.0 m	96.452.1030.6		96.452.1033.6		96.452.1034.6		
	 Male	Cable: black	2.0 m	96.452.2030.6		96.452.2033.6		96.452.2034.6		
			3.0 m	96.452.3030.6		96.452.3033.6		96.452.3034.6		
			4.0 m	96.452.4030.6		96.452.4033.6		96.452.4034.6		
			5.0 m	96.452.5030.6		96.452.5033.6		96.452.5034.6		
			6.0 m	96.452.6030.6		96.452.6033.6		96.452.6034.6		
			7.0 m	96.452.7030.6		96.452.7033.6		96.452.7034.6		
			8.0 m	96.452.8030.6		96.452.8033.6		96.452.8034.6		
LV, signals, bus, 50 V	1, 2, 3, 4, 5  Female	brown	1.0 m	Available on request		Available on request		Available on request		
	 Male	Cable: black	2.0 m							
			3.0 m							
			4.0 m							
			5.0 m							
			6.0 m							
			7.0 m							
			8.0 m							

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

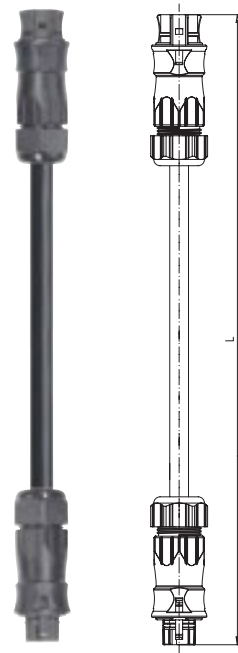
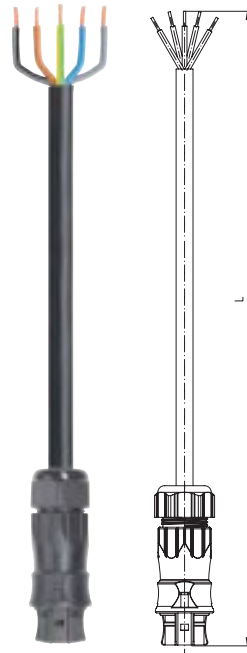
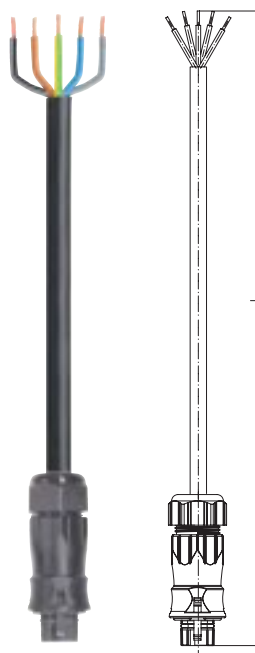
Cable assemblies, 2.5 mm²

				Extension cable		Connection cable		Connection cable			
				H05VV-F 5G2,5		H05VV-F 5G2,5		H05VV-F 5G2,5			
				Female – Male with locking device		Female – Free end with ultrasonically welded wire ends		Male – Free end with ultrasonically welded wire ends and locking device			
						Cable strip length: 35 mm Insulation strip length: 9 mm		Cable strip length: 35 mm Insulation strip length: 9 mm			
Pre-assembled mains cables  ground = gn/yl N = bl 1 = br 2 = bk 3 = gray Cable¹⁾ in black Connector in black Screw technology											
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack		
Mains 250/400 V	3, ground, N, 2, 1  Female  Male	black Cable: black	1.0 m	96.453.1000.1		96.453.1003.1		96.453.1004.1			
			2.0 m	96.453.2000.1		96.453.2003.1		96.453.2004.1			
			3.0 m	96.453.3000.1		96.453.3003.1		96.453.3004.1			
			4.0 m	96.453.4000.1		96.453.4003.1		96.453.4004.1			
			5.0 m	96.453.5000.1		96.453.5003.1		96.453.5004.1			
			6.0 m	96.453.6000.1		96.453.6003.1		96.453.6004.1			
			7.0 m	96.453.7000.1		96.453.7003.1		96.453.7004.1			
			8.0 m	96.453.8000.1		96.453.8003.1		96.453.8004.1			
Mains 250 V + dimming	L, ground, N, +, -  Female  Male	turquoise Cable: black	1.0 m	96.453.1000.6		96.453.1003.6		96.453.1004.6			
			2.0 m	96.453.2000.6		96.453.2003.6		96.453.2004.6			
			3.0 m	96.453.3000.6		96.453.3003.6		96.453.3004.6			
			4.0 m	96.453.4000.6		96.453.4003.6		96.453.4004.6			
			5.0 m	96.453.5000.6		96.453.5003.6		96.453.5004.6			
			6.0 m	96.453.6000.6		96.453.6003.6		96.453.6004.6			
			7.0 m	96.453.7000.6		96.453.7003.6		96.453.7004.6			
			8.0 m	96.453.8000.6		96.453.8003.6		96.453.8004.6			
LV, signals, bus, 50 V	1, 2, 3, 4, 5  Female  Male	brown Cable: black	1.0 m	Available on request		Available on request		Available on request			
			2.0 m								
			3.0 m								
			4.0 m								
			5.0 m								
			6.0 m								
			7.0 m								
			8.0 m								

				Extension cable		Connection cable		Connection cable	
				H07RN-F 5G2,5		H07RN-F 5G2,5		H07RN-F 5G2,5	
				Female – Male with locking device		Female – Free end with ultrasonically welded wire ends		Male – Free end with ultrasonically welded wire ends and locking device	
						Cable strip length: 35 mm Insulation strip length: 9 mm		Cable strip length: 35 mm Insulation strip length: 9 mm	
Pre-assembled mains cables  ground = gn/yl N = bl 1 = br 2 = bk 3 = gray Cable¹⁾ in black Connector in black Screw technology									
Application	Coding	Color	Length ¹⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains 250/400 V	3, ground, N, 2, 1	black	1.0 m	96.453.1030.1		96.453.1033.1		96.453.1034.1	
	 Female	Cable: black	2.0 m	96.453.2030.1		96.453.2033.1		96.453.2034.1	
			3.0 m	96.453.3030.1		96.453.3033.1		96.453.3034.1	
			4.0 m	96.453.4030.1		96.453.4033.1		96.453.4034.1	
			5.0 m	96.453.5030.1		96.453.5033.1		96.453.5034.1	
			6.0 m	96.453.6030.1		96.453.6033.1		96.453.6034.1	
	 Male		7.0 m	96.453.7030.1		96.453.7033.1		96.453.7034.1	
			8.0 m	96.453.8030.1		96.453.8033.1		96.453.8034.1	
Mains 250 V + dimming	L, N, ground, +, -	light turquoise	1.0 m	96.453.1030.6		96.453.1033.6		96.453.1034.6	
	 Female	Cable: black	2.0 m	96.453.2030.6		96.453.2033.6		96.453.2034.6	
			3.0 m	96.453.3030.6		96.453.3033.6		96.453.3034.6	
			4.0 m	96.453.4030.6		96.453.4033.6		96.453.4034.6	
			5.0 m	96.453.5030.6		96.453.5033.6		96.453.5034.6	
			6.0 m	96.453.6030.6		96.453.6033.6		96.453.6034.6	
	 Male		7.0 m	96.453.7030.6		96.453.7033.6		96.453.7034.6	
			8.0 m	96.453.8030.6		96.453.8033.6		96.453.8034.6	
LV, signals, bus, 50 V	1, 2, 3, 4, 5	brown	1.0 m	Available on request		Available on request		Available on request	
	 Female	Cable: black	2.0 m						
			3.0 m						
			4.0 m						
			5.0 m						
			6.0 m						
	 Male		7.0 m						
			8.0 m						

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

Cable assemblies, 4.0 mm²

			Extension cable		Connection cable		Connection cable		
			H05VV-F 5G4,0 Female – Male with locking device		H05VV-F 5G4,0 Female – Free end with ultrasonically welded wire ends		H05VV-F 5G4,0 Male – Free end with ultrasonically welded wire ends and locking device		
					Cable strip length: 35 mm Insulation strip length: 9 mm		Cable strip length: 35 mm Insulation strip length: 9 mm		
Pre-assembled mains cables  ground = gn/yl N = bl 1 = br 2 = bk 3 = gray Cable¹⁾ in black Connector in black Screw technology									
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains 250/400 V	3, ground, N, 2, 1 	black	1.0 m	96.454.1000.1		96.454.1003.1		96.454.1004.1	
		Cable: black	2.0 m	96.454.2000.1		96.454.2003.1		96.454.2004.1	
			3.0 m	96.454.3000.1		96.454.3003.1		96.454.3004.1	
			4.0 m	96.454.4000.1		96.454.4003.1		96.454.4004.1	
			5.0 m	96.454.5000.1		96.454.5003.1		96.454.5004.1	
			6.0 m	96.454.6000.1		96.454.6003.1		96.454.6004.1	
			7.0 m	96.454.7000.1		96.454.7003.1		96.454.7004.1	
			8.0 m	96.454.8000.1		96.454.8003.1		96.454.8004.1	
Mains 250 V + dimming	L, N, ground, +, - 	turquoise	1.0 m	96.454.1000.6		96.454.1003.6		96.454.1004.6	
		Cable: black	2.0 m	96.454.2000.6		96.454.2003.6		96.454.2004.6	
			3.0 m	96.454.3000.6		96.454.3003.6		96.454.3004.6	
			4.0 m	96.454.4000.6		96.454.4003.6		96.454.4004.6	
			5.0 m	96.454.5000.6		96.454.5003.6		96.454.5004.6	
			6.0 m	96.454.6000.6		96.454.6003.6		96.454.6004.6	
			7.0 m	96.454.7000.6		96.454.7003.6		96.454.7004.6	
			8.0 m	96.454.8000.6		96.454.8003.6		96.454.8004.6	
LV, signals, bus, 50 V	1, 2, 3, 4, 5 	brown	1.0 m	Available on request		Available on request		Available on request	
		Cable: black	2.0 m						
			3.0 m						
			4.0 m						
			5.0 m						
			6.0 m						
			7.0 m						
			8.0 m						

¹⁾ Other cables available on request

²⁾ Other lengths available on request