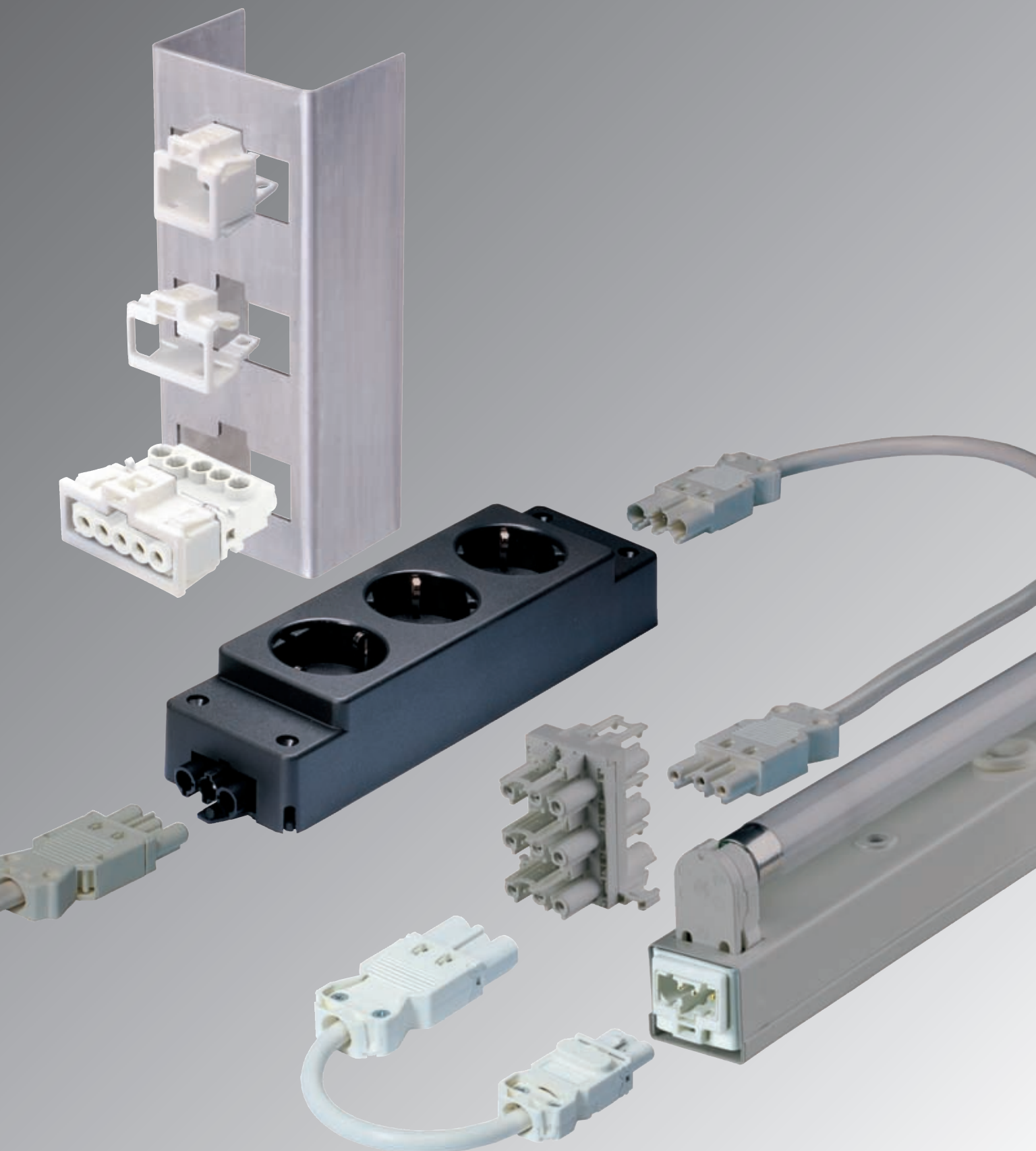
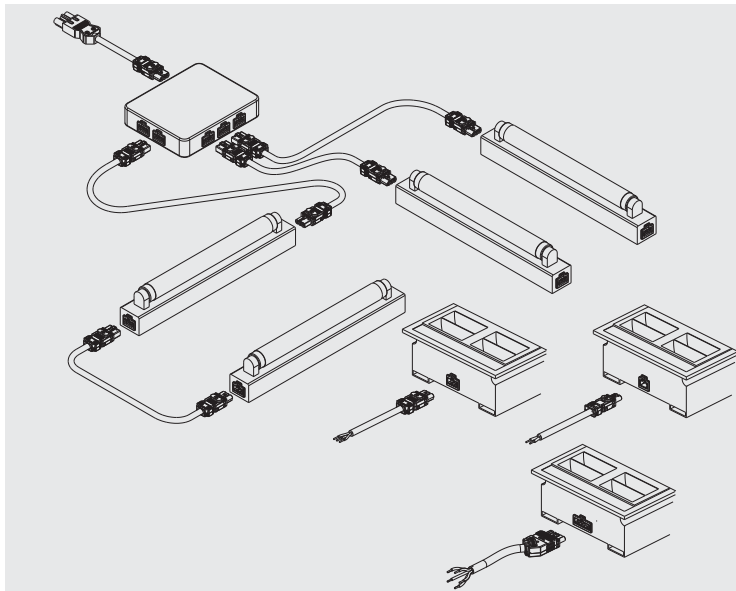


gesis[®]



Application example



General

Electronic components become increasingly smaller. Consumer devices become smaller and the electrical connection must therefore become smaller, too. For installations in exhibition systems, on the shelf or in façades every inch counts. 'The smaller, the better' is the motto here. With its extremely compact dimensions, **gesis** MINI proves itself to fit perfectly while providing full performance. Its implementation guarantees 250 V and 16 A. **gesis** MINI provides all the benefits of the classical **gesis** system and integrates itself perfectly.

Coding

GST 15i2

GST 15i3

GST 15i5

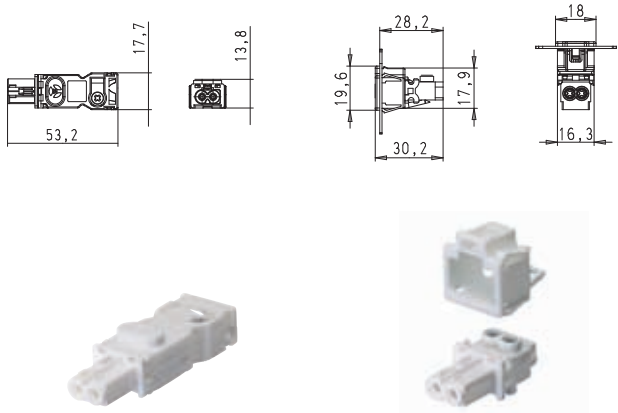
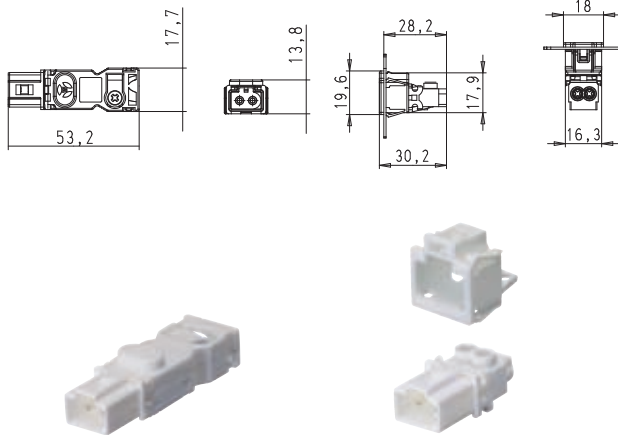
					Application				Mechanical coding							
					Mains with ground	Dimming	50 V		Mains with ground	Mains with ground	Mains + Dimming	50 V				
					Code 1	Code 2	Code 3		Code 1	Code 1	Code 2	Code 3				
Name	Description	Connection style	Strain relief housing	Connection points per pole	white	black	pastel blue	light blue	white	black	white	black	pastel blue	light blue		
Connector	Flat design	Screw	yes	1												
Snap in	for material thickness: 0.5 – 1.5 mm	Screw		1												
Distribution	U-piece															
Cable assemblies	Male – Free end	pre-assembled	pre-assembled	pre-assembled												
	Female – Free end															
	Male – Female															
	Female – GST18i3 connector															
	Female – Angled connector															

GST 15i 2 pole 250 V/16 A/6 A

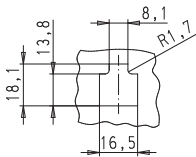
Available for delivery in the
4th quarter of 2006

Connectors

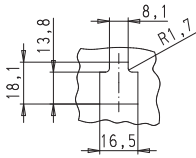
Appliance couplers

			with strain relief for cable diameters of 6.0 – 8.5 mm (H05VV-F, NYM) ²⁾ Wire range: 0.75 – 1.5 mm ² solid and fine-stranded without ferrule, with locking device	Material thickness: 0.5 – 1.5 mm snaps into place in cut-out ¹⁾ , 1 connection point per pole with screw , solid and fine-stranded cables 0.5 – 1.5 mm ² with locking device		
			Sheath strip length: 21 mm Insulation strip length: 8 mm	Insulation strip length: 8 mm		
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector						
Mains 250 V / 16 A	Code 1		white black	91.921.3053.0 91.921.3053.1	91.921.9053.0 91.921.9053.1	
Dimming 250 V / 6 A	Code 2		pastel blue	91.921.3453.0	91.921.9453.0	
Low voltage ³⁾ 50 V / 16 A	Code 3		light blue	91.921.3353.0	91.921.9353.0	
Type			GST15i2S B1 ZR1 WS		GST15i2S B1 R WS	
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack
Male connector						
Mains 250 V / 16 A	Code 1		white black	91.922.3053.0 91.922.3053.1	91.922.9053.0 91.922.9053.1	
Dimming 250 V / 6 A	Code 2		pastel blue	91.922.3453.1	91.922.9453.1	
Low voltage ³⁾ 50 V / 16 A	Code 3		light blue	91.922.3353.1	91.922.9353.1	
Type			GST15i2S S1 ZR1 WS		GST15i2S S1 R WS	
			²⁾ Other cables available on request ³⁾ Coding for low-voltage applications 50 V, 16 A			
			¹⁾ Housing material, paint and deburring may influence the tight fit inside the housing. Detailed installation instructions available on request.			

Cut-out dimensions:



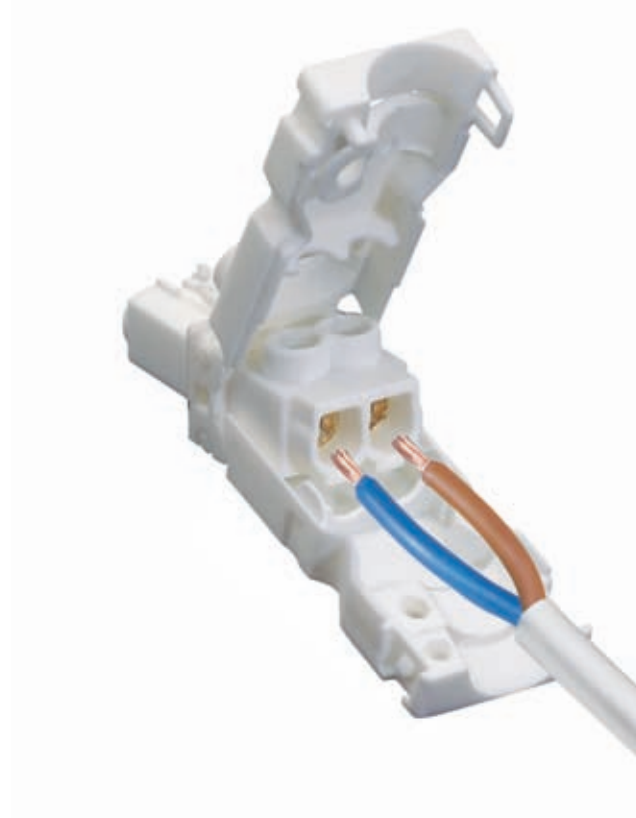
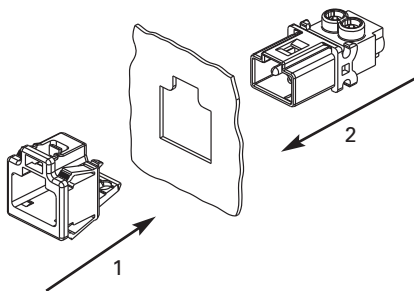
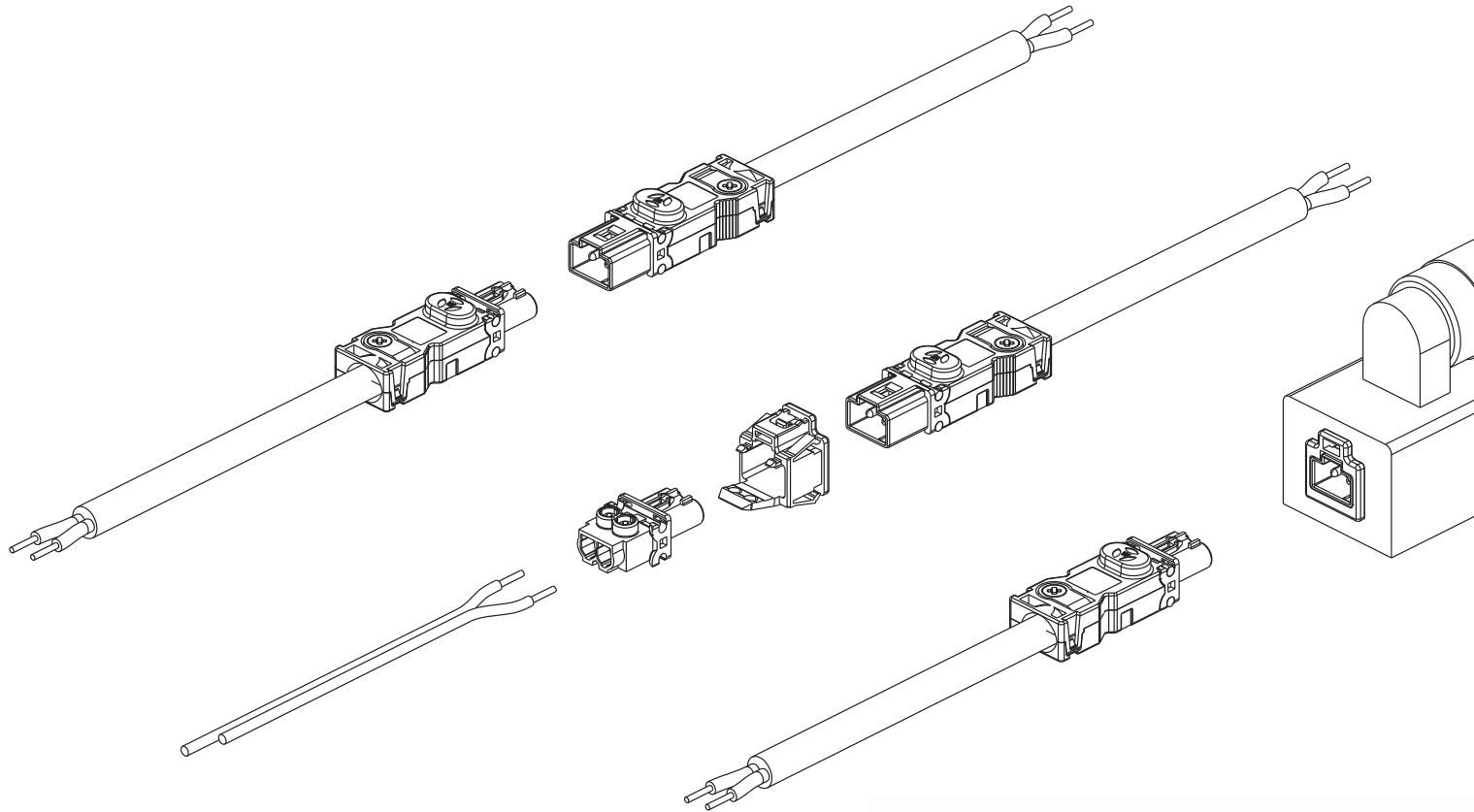
Cut-out dimensions:



GST 15i2

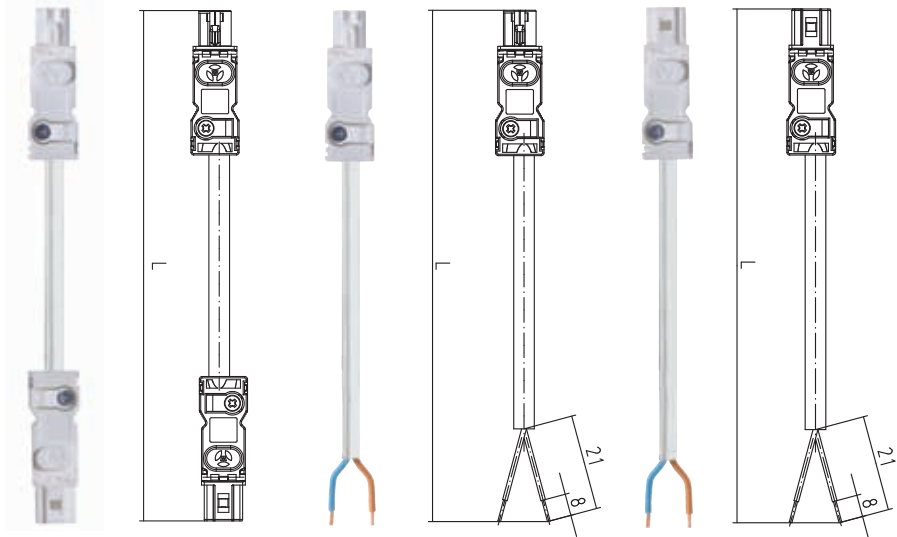
2 pole

Available for delivery in the
4th quarter of 2006



GST 15i 2 pole 250 V/16 A/6 A

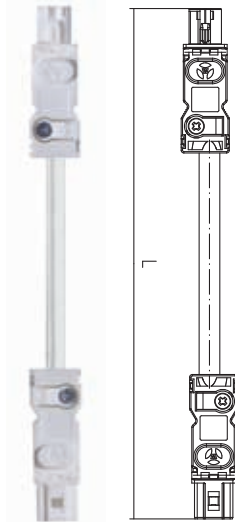
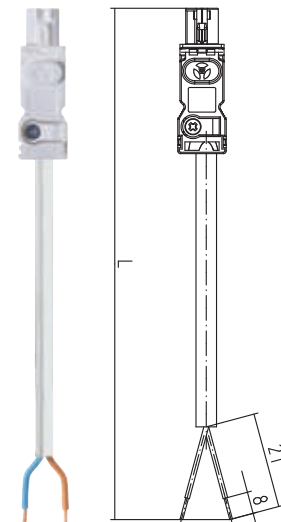
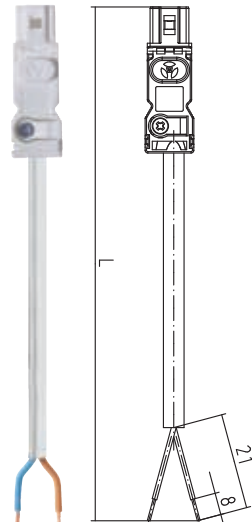
Available for delivery in the
4th quarter of 2006

Cable: H05VV-F2G1.5				2 x 1.5 mm²		2 x 1.5 mm²		2 x 1.5 mm²		
Insulation: with halogen (PVC)				Female – Male		Female – Free end with ultrasonically welded wire ends ¹⁾		Male – Free end with ultrasonically welded wire ends ¹⁾		
Cable assemblies  N = bl L = br			Standard cable Type H05VV-F2G1.5							
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	
Mains 250 V / 16 A	Code 1  	black	1.0 m	91.222.1000.1		91.222.1003.1		91.222.1004.1		
			2.0 m	91.222.2000.1		91.222.2003.1		91.222.2004.1		
			3.0 m	91.222.3000.1		91.222.3003.1		91.222.3004.1		
			4.0 m	91.222.4000.1		91.222.4003.1		91.222.4004.1		
			5.0 m	91.222.5000.1		91.222.5003.1		91.222.5004.1		
			6.0 m	91.222.6000.1		91.222.6003.1		91.222.6004.1		
			7.0 m	91.222.7000.1		91.222.7003.1		91.222.7004.1		
			8.0 m	91.222.8000.1		91.222.8003.1		91.222.8004.1		
		Cable: black	white	1.0 m	91.222.1000.2		91.222.1003.2		91.222.1004.2	
				2.0 m	91.222.2000.2		91.222.2003.2		91.222.2004.2	
				3.0 m	91.222.3000.2		91.222.3003.2		91.222.3004.2	
				4.0 m	91.222.4000.2		91.222.4003.2		91.222.4004.2	
				5.0 m	91.222.5000.2		91.222.5003.2		91.222.5004.2	
				6.0 m	91.222.6000.2		91.222.6003.2		91.222.6004.2	
				7.0 m	91.222.7000.2		91.222.7003.2		91.222.7004.2	
				8.0 m	91.222.8000.2		91.222.8003.2		91.222.8004.2	
Dimming ⁴⁾ 250 V / 6 A	Code 2  	pastel blue white	1.0 m	91.222.1000.9		91.222.1003.9		91.222.1004.9		
			2.0 m	91.222.2000.9		91.222.2003.9		91.222.2004.9		
			3.0 m	91.222.3000.9		91.222.3003.9		91.222.3004.9		
			4.0 m	91.222.4000.9		91.222.4003.9		91.222.4004.9		
			5.0 m	91.222.5000.9		91.222.5003.9		91.222.5004.9		
			6.0 m	91.222.6000.9		91.222.6003.9		91.222.6004.9		
			7.0 m	91.222.7000.9		91.222.7003.9		91.222.7004.9		
			8.0 m	91.222.8000.9		91.222.8003.9		91.222.8004.9		
		Cable: white		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						
Low voltage ³⁾ 50 V / 16 A	Code 3  	light blue white	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: white		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								

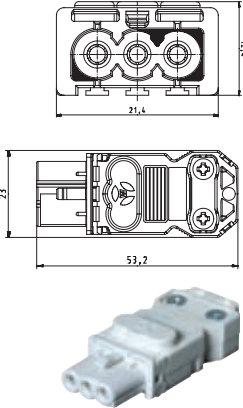
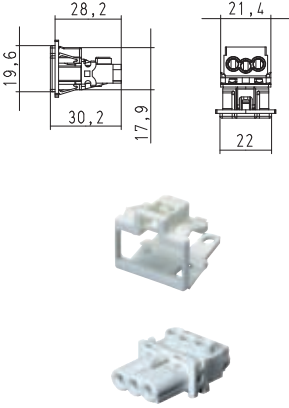
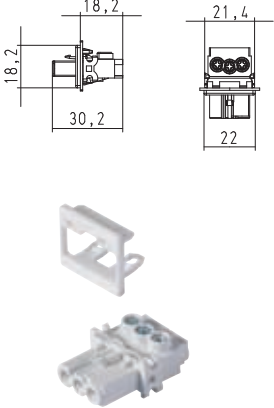
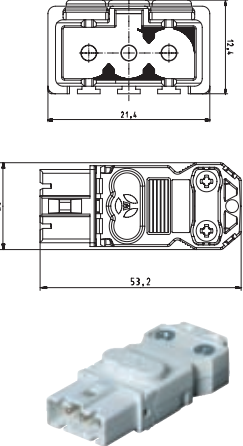
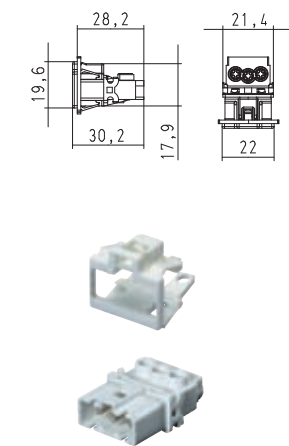
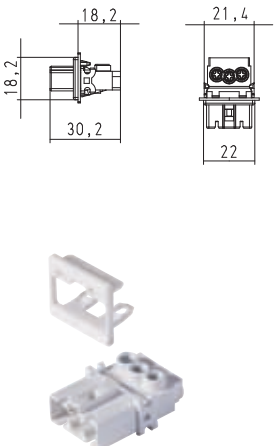
¹⁾ Other sheath and insulation strip lengths available on request
²⁾ Other lengths available on request

³⁾ Coding for low-voltage applications 50 V, 16 A
⁴⁾ 0.75mm² cables available on request

Available for delivery in the
4th quarter of 2006

Available for delivery in the 4th quarter of 2006			Extension cable		Connection cable		2 pole Connection cable			
Cable: S05Z1Z1-F2G1.5 Insulation: halogen-free			2 x 1.5 mm² Female – Male		2 x 1.5 mm² Female – Free end with ultrasonically welded wire ends ¹⁾		2 x 1.5 mm² Male – Free end with ultrasonically welded wire ends ¹⁾			
Cable assemblies  N = bl L = br			Standard cable Type S05Z1Z1-F2G1.5							
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	
Mains 250 V / 16 A	Code 1 Female Male	black	1.0 m	91.222.1060.1		91.222.1063.1		91.222.1064.1		
			2.0 m	91.222.2060.1		91.222.2063.1		91.222.2064.1		
			3.0 m	91.222.3060.1		91.222.3063.1		91.222.3064.1		
			4.0 m	91.222.4060.1		91.222.4063.1		91.222.4064.1		
			5.0 m	91.222.5060.1		91.222.5063.1		91.222.5064.1		
			6.0 m	91.222.6060.1		91.222.6063.1		91.222.6064.1		
			7.0 m	91.222.7060.1		91.222.7063.1		91.222.7064.1		
			8.0 m	91.222.8060.1		91.222.8063.1		91.222.8064.1		
		white	1.0 m	91.222.1060.2		91.222.1063.2		91.222.1064.2		
			2.0 m	91.222.2060.2		91.222.2063.2		91.222.2064.2		
			3.0 m	91.222.3060.2		91.222.3063.2		91.222.3064.2		
			4.0 m	91.222.4060.2		91.222.4063.2		91.222.4064.2		
			5.0 m	91.222.5060.2		91.222.5063.2		91.222.5064.2		
			6.0 m	91.222.6060.2		91.222.6063.2		91.222.6064.2		
			7.0 m	91.222.7060.2		91.222.7063.2		91.222.7064.2		
			8.0 m	91.222.8060.2		91.222.8063.2		91.222.8064.2		
Dimming ⁴⁾ 250 V / 6 A	Code 2 Female Male	pastel blue white	1.0 m	91.222.1060.9		91.222.1063.9		91.222.1064.9		
			2.0 m	91.222.2060.9		91.222.2063.9		91.222.2064.9		
			3.0 m	91.222.3060.9		91.222.3063.9		91.222.3064.9		
			4.0 m	91.222.4060.9		91.222.4063.9		91.222.4064.9		
			5.0 m	91.222.5060.9		91.222.5063.9		91.222.5064.9		
			6.0 m	91.222.6060.9		91.222.6063.9		91.222.6064.9		
			7.0 m	91.222.7060.9		91.222.7063.9		91.222.7064.9		
			8.0 m	91.222.8060.9		91.222.8063.9		91.222.8064.9		
		Cable: white	1.0 m							
			8.0 m							
Low voltage ³⁾ 50 V / 16 A	Code 3 Female Male	light blue white	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: white	1.0 m							
			8.0 m							

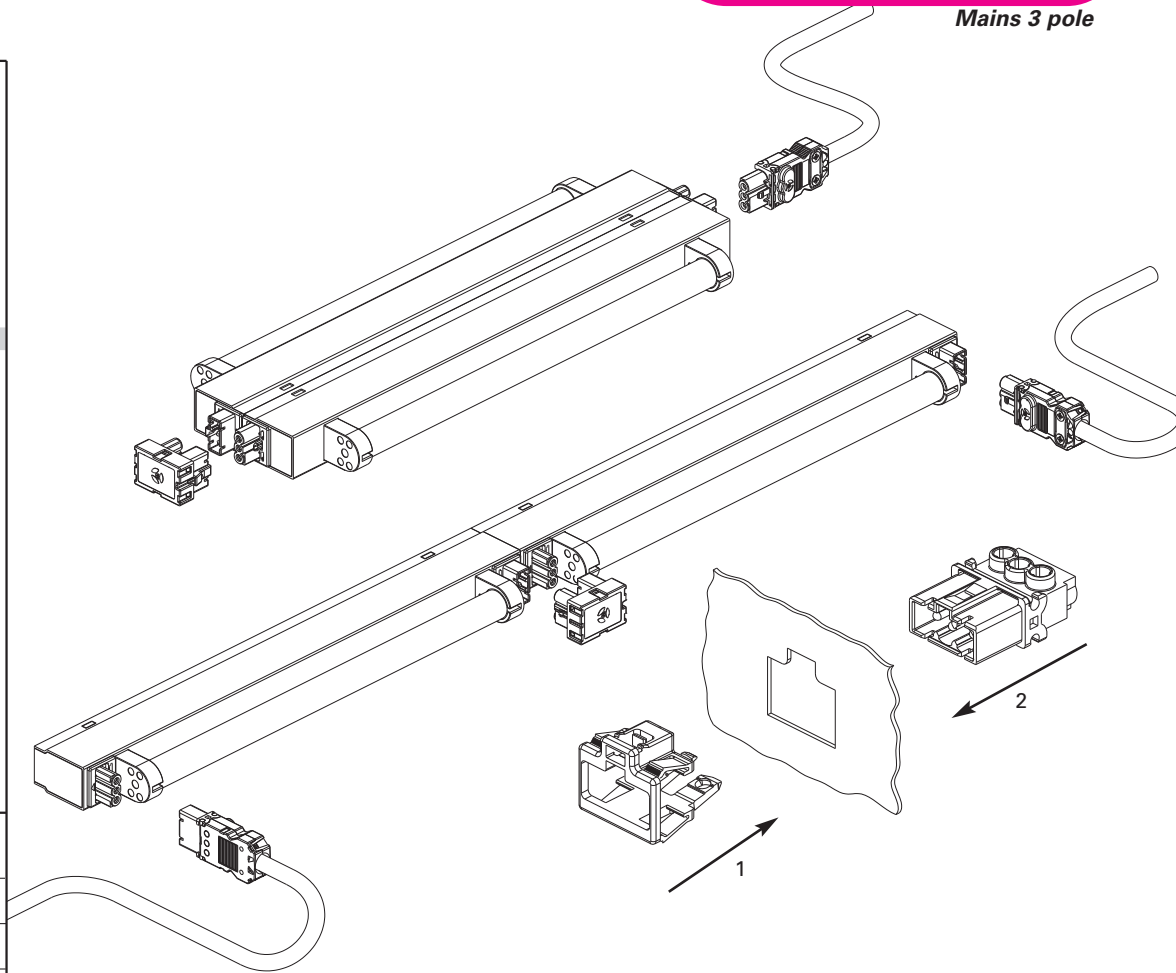
¹⁾ Other sheath and insulation strip lengths available on request ³⁾ Coding for low-voltage applications 50 V, 16 A
²⁾ Other lengths available on request ⁴⁾ 0.75mm² cables available on request

			Connectors		Appliance couplers		Appliance couplers	
			with strain relief for cable diameters of 6.0 – 8.5 mm (H05VV-F, NYM) ²⁾ Wire range: 0.5 – 1.5 mm ² solid and fine-stranded without ferrule, with locking levers Sheath strip length SL: 25 mm Sheath strip length: 21 mm Insulation strip length: 8 mm		Material thickness: 0.5 – 1.5 mm snaps into place in cut-out ¹⁾ , 1 connection point per pole, with screw , solid and fine-stranded cables 0.5 – 1.5 mm ² with locking levers Insulation strip length: 8 mm		Material thickness: 0.8 – 1.0 mm snaps into place in cut-out ¹⁾ , 1 connection point per pole, with screw , solid and fine-stranded cables 0.5 – 1.5 mm ² with locking levers Insulation strip length: 8 mm	
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Female connector								
Mains with ground	Code 1 	black white	91.931.3053.1	91.931.3053.0	91.931.9053.1	91.931.9053.0	91.931.9153.1	91.931.9153.0
Type			GST15i3S B1 ZR1 WS		GST15i3S B1 R WS			
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Male connector								
Mains with ground	Code 1 	black white	91.932.3053.1	91.932.3053.0	91.932.9053.1	91.932.9053.0	91.932.9153.1	91.932.9153.0
Type			GST15i3S S1 ZR1 WS		GST15i3S S1 R WS			
			²⁾ Other cables available on request		¹⁾ Housing material, paint and deburring may influence the tight fit inside the housing. Detailed installation instructions available on request.		¹⁾ Housing material, paint and deburring may influence the tight fit inside the housing. Detailed installation instructions available on request.	

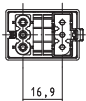
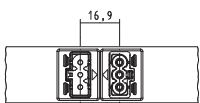
Intermediate coupling U form

lockable
1 input
 Male connector 3 pole
1 output
 Female connector 3 pole

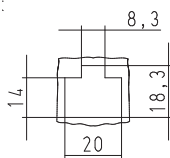
Mains 3 pole



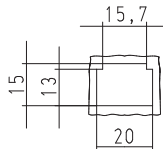
Part No. Std. Pack



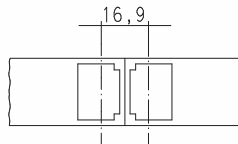
Cut-out dimensions:
 91.931.9053.1
 91.932.9053.1



Cut-out dimensions:
 91.931.9153.1
 91.932.9153.1

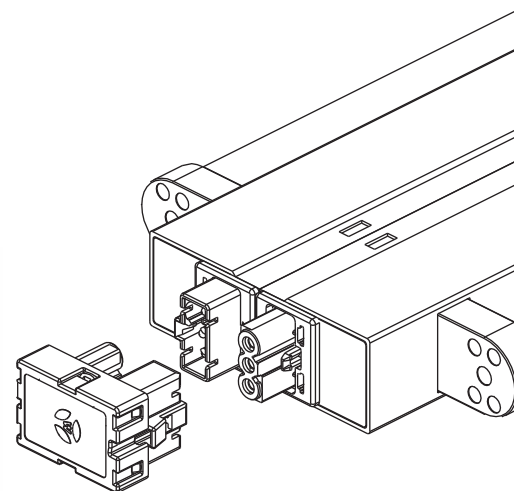
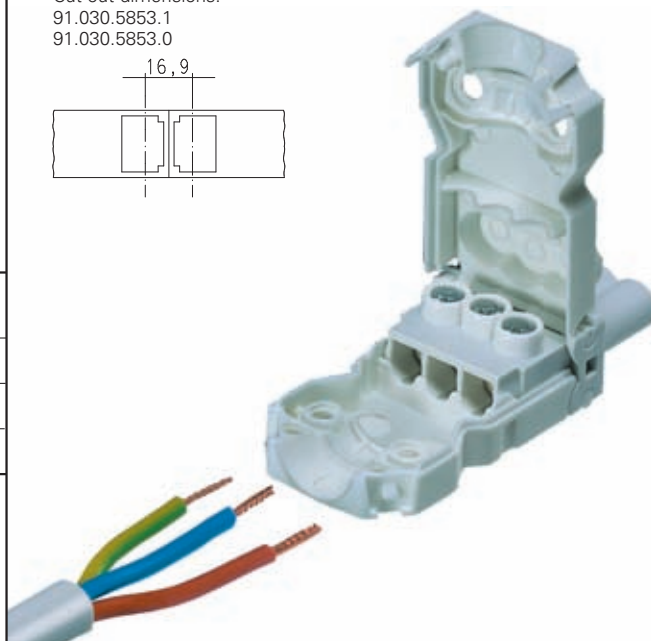


Cut-out dimensions:
 91.030.5853.1
 91.030.5853.0

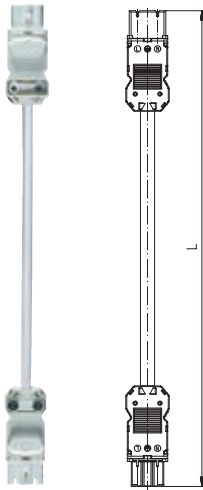
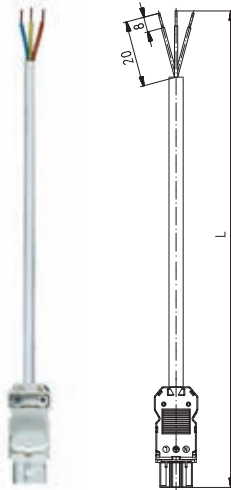
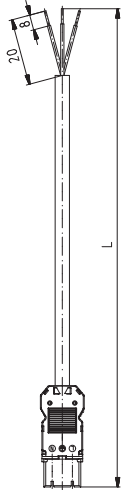


91.030.5853.1
 91.030.5853.0

GST15i3



GST 15i 3 pole 250 V, 16 A

Cable: H05VV-F3G1.5						Extension cable		Connection cable		Connection cable	
Insulation: with halogen (PVC)						3 x 1.5 mm ²		3 x 1.5 mm ²		3 x 1.5 mm ²	
						Female – Male		Female – Free end with ultrasonically welded wire ends ¹⁾		Male – Free end with ultrasonically welded wire ends ¹⁾	
 PE = gn/yl N = bl L = br			Standard cable Type H05VV-F3G1.5								
Application	Coding	Color	Length ^{a)}	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack		
Mains with ground	Cable 1 Female  Male 	black	1.0 m	91.232.1000.1		91.232.1003.1		91.232.1004.1			
			2.0 m	91.232.2000.1		91.232.2003.1		91.232.2004.1			
			3.0 m	91.232.3000.1		91.232.3003.1		91.232.3004.1			
			4.0 m	91.232.4000.1		91.232.4003.1		91.232.4004.1			
			5.0 m	91.232.5000.1		91.232.5003.1		91.232.5004.1			
			6.0 m	91.232.6000.1		91.232.6003.1		91.232.6004.1			
			7.0 m	91.232.7000.1		91.232.7003.1		91.232.7004.1			
			8.0 m	91.232.8000.1		91.232.8003.1		91.232.8004.1			
		white	1.0 m	91.232.1000.2		91.232.1003.2		91.232.1004.2			
			2.0 m	91.232.2000.2		91.232.2003.2		91.232.2004.2			
			3.0 m	91.232.3000.2		91.232.3003.2		91.232.3004.2			
			4.0 m	91.232.4000.2		91.232.4003.2		91.232.4004.2			
			5.0 m	91.232.5000.2		91.232.5003.2		91.232.5004.2			
			6.0 m	91.232.6000.2		91.232.6003.2		91.232.6004.2			
			7.0 m	91.232.7000.2		91.232.7003.2		91.232.7004.2			
			8.0 m	91.232.8000.2		91.232.8003.2		91.232.8004.2			
		Cable: black									
		Cable: white									

Cable assemblies

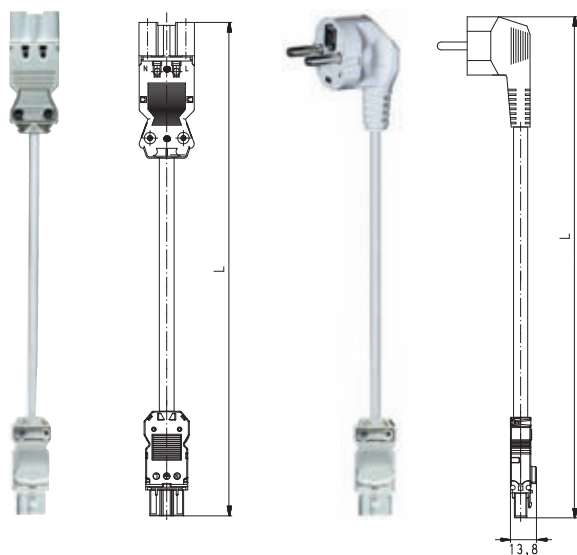
Connection cable

3 x 1.5 mm²

Female – Male

3 x 1.5 mm²

Female connector with angled connector
(accord. to DIN 49441)



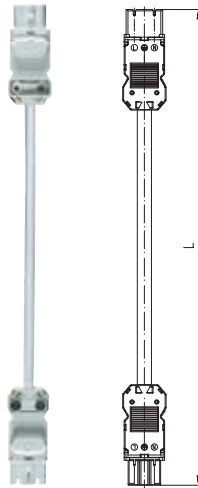
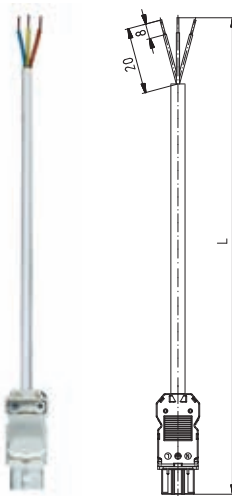
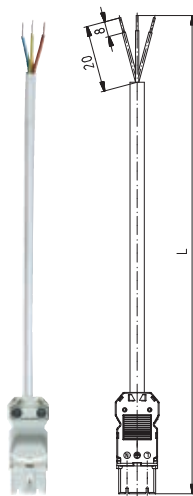
Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack
	91.232.1009.1 91.232.2009.1 91.232.3009.1 91.232.4009.1 91.232.5009.1 91.232.6009.1 91.232.7009.1 91.232.8009.1		91.232.2007.1	
	91.232.1009.2 91.232.2009.2 91.232.3009.2 91.232.4009.2 91.232.5009.2 91.232.6009.2 91.232.7009.2 91.232.8009.2		91.232.2007.2	



¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

GST 15i 3 pole 250 V, 16 A

			Extension cable			Connection cable		Connection cable			
Cable: S05Z1Z1-F3G1.5				3 x 1.5 mm ²		3 x 1.5 mm ²		3 x 1.5 mm ²			
Insulation: halogen-free				Female – Male		Female – Free end with ultrasonically welded wire ends ¹⁾		Male – Free end with ultrasonically welded wire ends ¹⁾			
Cable assemblies											
 PE = gn/yl N = bl L = br			Standard cable Type S05Z1Z1-F3G1.5								
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack		
Mains with ground	Code 1 Female Male	black	1.0 m	91.232.1060.1		91.232.1063.1		91.232.1064.1			
			2.0 m	91.232.2060.1		91.232.2063.1		91.232.2064.1			
			3.0 m	91.232.3060.1		91.232.3063.1		91.232.3064.1			
			4.0 m	91.232.4060.1		91.232.4063.1		91.232.4064.1			
			5.0 m	91.232.5060.1		91.232.5063.1		91.232.5064.1			
			6.0 m	91.232.6060.1		91.232.6063.1		91.232.6064.1			
			7.0 m	91.232.7060.1		91.232.7063.1		91.232.7064.1			
			8.0 m	91.232.8060.1		91.232.8063.1		91.232.8064.1			
		white	1.0 m	91.232.1060.2		91.232.1063.2		91.232.1064.2			
			2.0 m	91.232.2060.2		91.232.2063.2		91.232.2064.2			
			3.0 m	91.232.3060.2		91.232.3063.2		91.232.3064.2			
			4.0 m	91.232.4060.2		91.232.4063.2		91.232.4064.2			
			5.0 m	91.232.5060.2		91.232.5063.2		91.232.5064.2			
			6.0 m	91.232.6060.2		91.232.6063.2		91.232.6064.2			
			7.0 m	91.232.7060.2		91.232.7063.2		91.232.7064.2			
			8.0 m	91.232.8060.2		91.232.8063.2		91.232.8064.2			
		Cable: black									
		Cable: white									

Cable assemblies

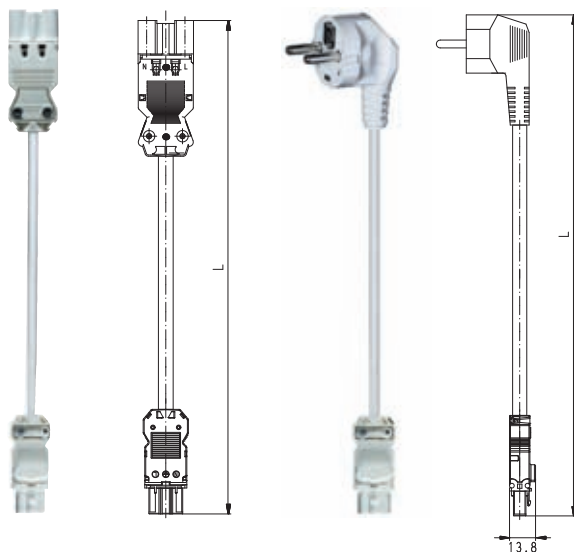
Connection cable

3 x 1.5 mm²

Female – Male

3 x 1.5 mm²

Female connector with angled connector
(accord. to DIN 49441)



Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack
1.0 m	92.232.1069.1		available on request	
2.0 m	92.232.2069.1			
3.0 m	92.232.3069.1			
4.0 m	92.232.4069.1			
5.0 m	92.232.5069.1			
6.0 m	92.232.6069.1			
7.0 m	92.232.7069.1			
8.0 m	92.232.8069.1			
1.0 m	92.232.1069.2		available on request	
2.0 m	92.232.2069.2			
3.0 m	92.232.3069.2			
4.0 m	92.232.4069.2			
5.0 m	92.232.5069.2			
6.0 m	92.232.6069.2			
7.0 m	92.232.7069.2			
8.0 m	92.232.8069.2			



¹⁾ Order using the following part numbers
available on request

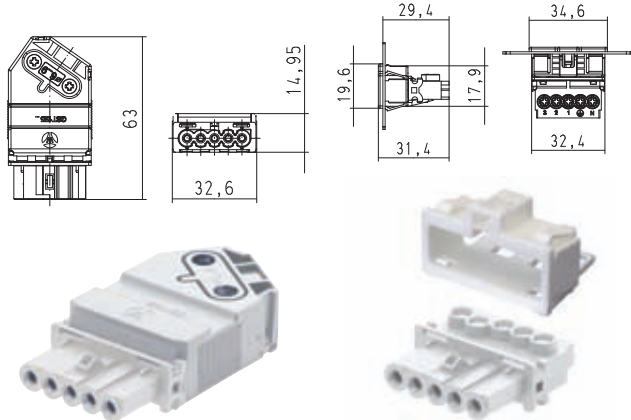
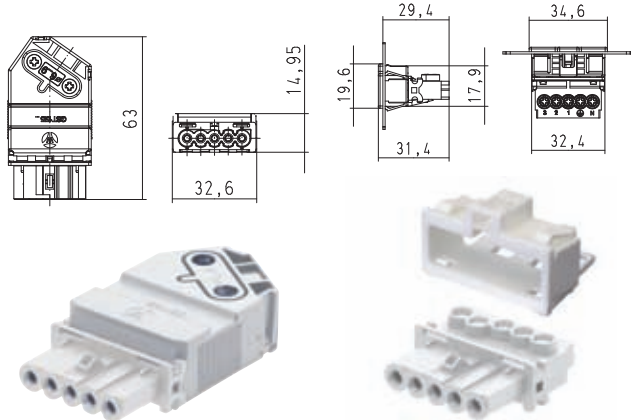
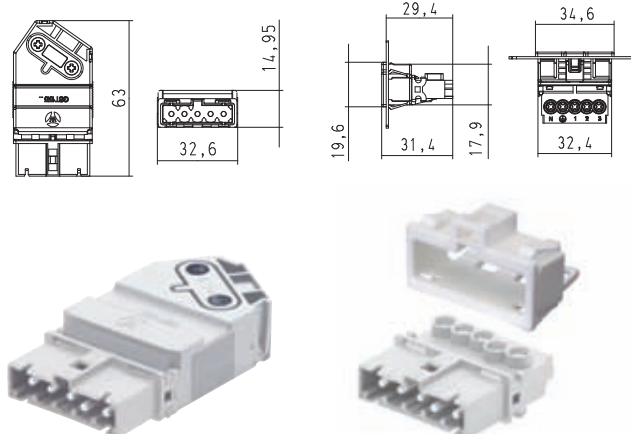
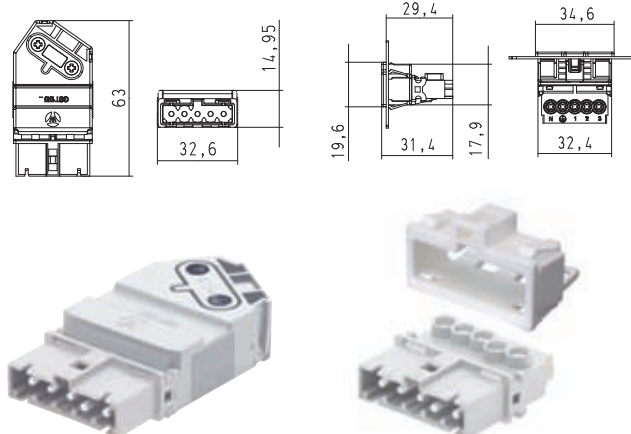
²⁾ Order using the following part numbers
available on request

GST 15i 5 pole 250/400 V, 16 A

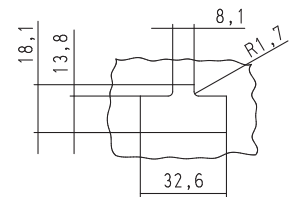
Available for delivery in the
3rd quarter of 2006

Connectors

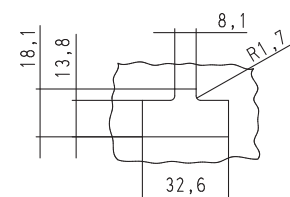
Appliance couplers

			with strain relief for cable diameters of 6.0 – 11.0 mm (H05VV-F, NYM) ²⁾ Wire range: 0.75 – 1.5 mm ² solid and fine-stranded without ferrule with locking levers Sheath strip length SL: 67 mm Sheath strip length: 47 mm Insulation strip length: 8 mm		Material thickness: 0.5 – 1.5 mm snaps into place in cut-out ¹⁾ , 1 connection point per pole with screw , solid and fine-stranded 0.5 – 1.5 mm ² with locking levers Insulation strip length: 8 mm	
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector						
Mains with ground	Code 1 	white black	91.951.3053.0 91.951.3053.1		91.951.9053.0 91.951.9053.1	
Dimming	Code 2 	pastel blue	91.951.3453.0		91.951.9453.0	
Low voltage ³⁾	Code 3 	light blue	91.951.3353.0		91.951.9353.0	
Type			GST15i5S B1 ZR1 WS		GST15i5S B1 R WS	
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack
Male connector						
Mains with ground	Code 1 	white black	91.952.3053.0 91.952.3053.1		91.952.9053.0 91.952.9053.1	
Dimming	Code 2 	pastel blue	91.952.3453.0		91.952.9453.0	
Low voltage ³⁾	Code 3 	light blue	91.952.3353.0		91.952.9353.0	
Type			GST15i5S S1 ZR1 WS		GST15i5S S1 R WS	

Cut-out dimensions:



Cut-out dimensions:



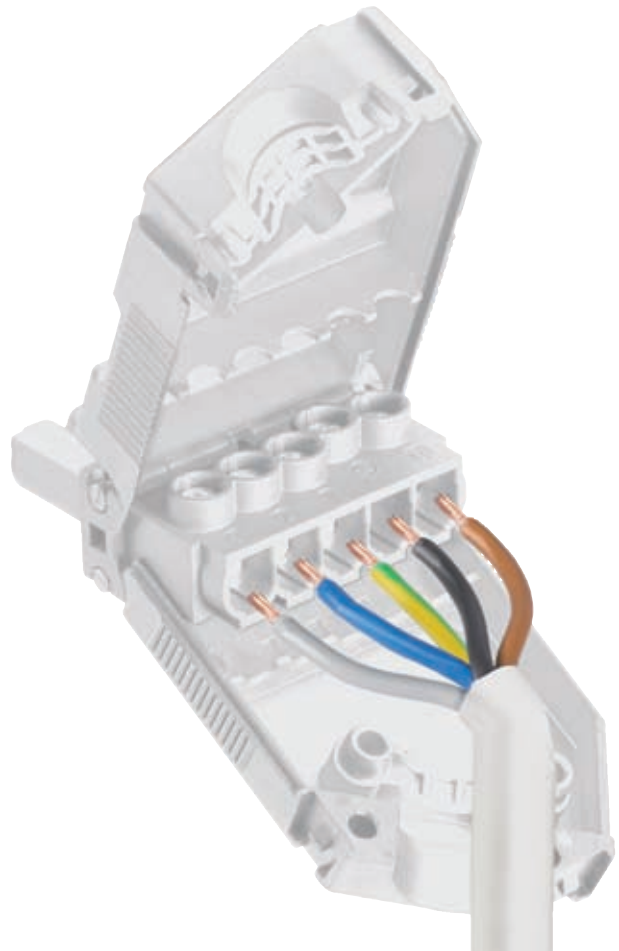
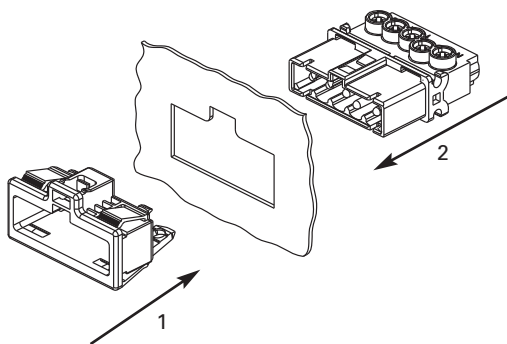
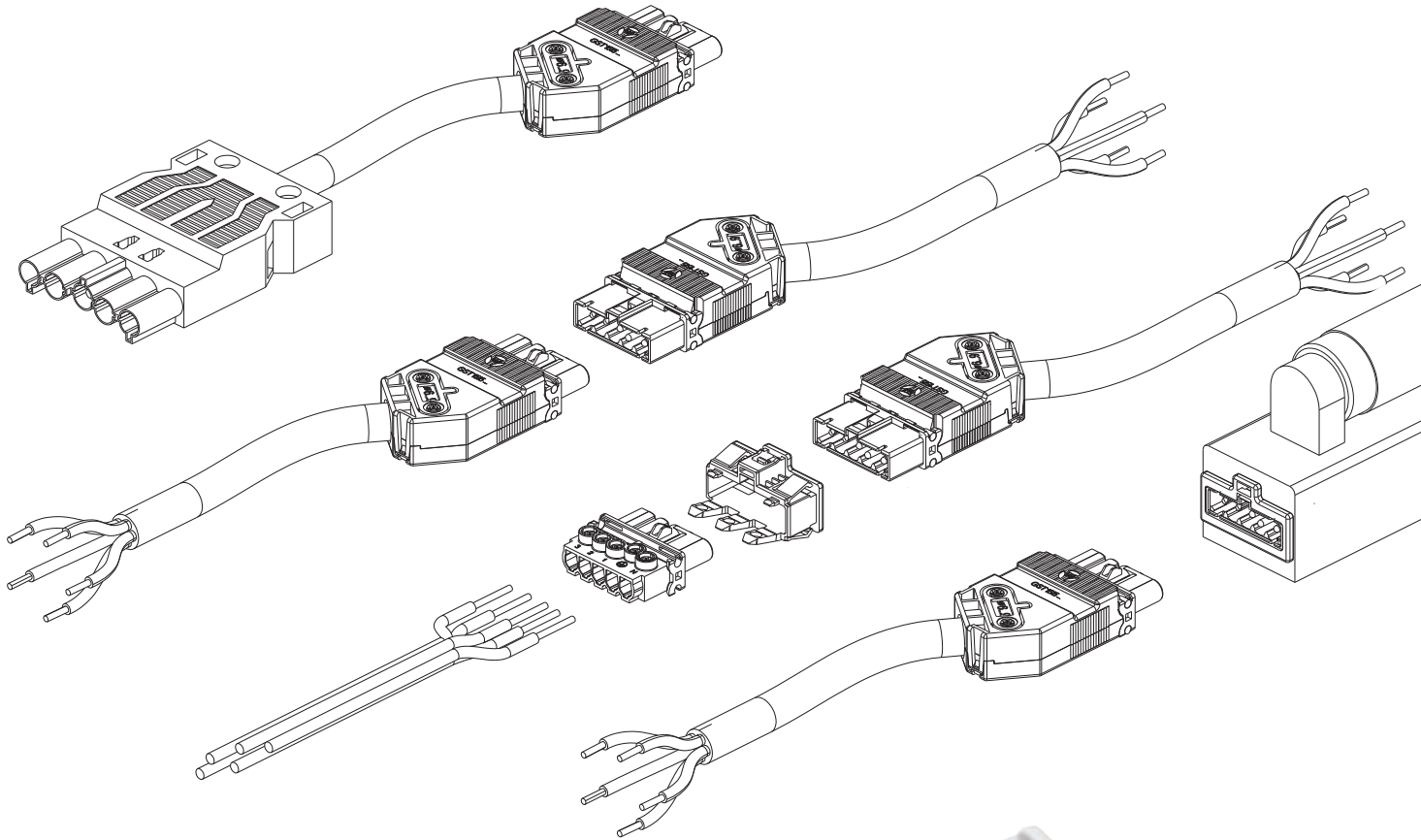
²⁾ Other cables available on request
³⁾ Coding for low-voltage applications
50 V, 16 A

¹⁾ Housing material, paint and deburring
may influence the tight fit inside the
housing. Detailed installation instructions
available on request.

GST 15i5

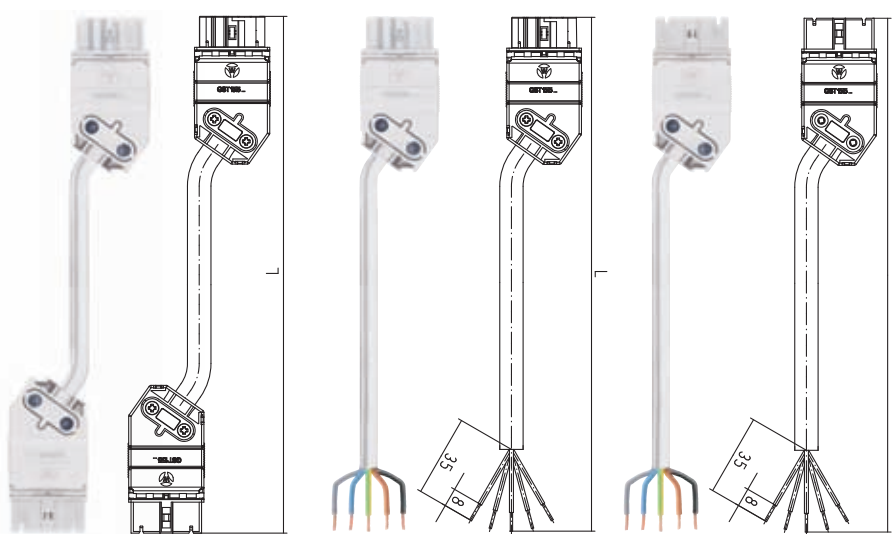
5 pole

Available for delivery in the 3rd quarter of 2006



GST 15i 5 pole 250 V, 16 A

Available for delivery in the
3rd quarter of 2006

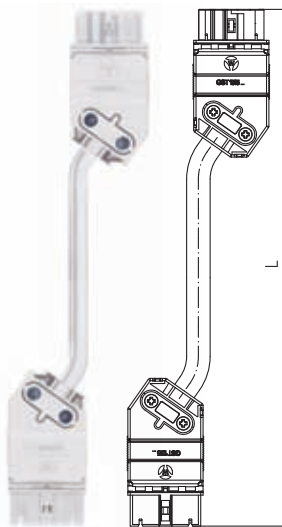
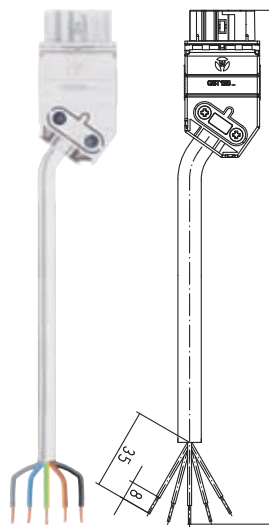
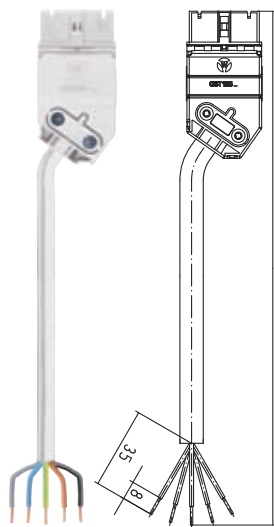
Cable: H05VV-F5G1.5				5 x 1.5 mm²	5 x 1.5 mm²	5 x 1.5 mm²			
Insulation: with halogen (PVC)				Female – Male	Female – Free end with ultrasonically welded wire ends ¹⁾	Male – Free end with ultrasonically welded wire ends ¹⁾			
Cable assemblies  PE = gn/yl N = bl 1 = br 2 = black L = gray Adapter cable for the GST 18i5 system available on request			Standard cable Type H05VV-F5G1.5						
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains with ground	Female Code 1 Male	black	1.0 m	91.257.1000.1		91.257.1003.1		91.257.1004.1	
			2.0 m	91.257.2000.1		91.257.2003.1		91.257.2004.1	
			3.0 m	91.257.3000.1		91.257.3003.1		91.257.3004.1	
			4.0 m	91.257.4000.1		91.257.4003.1		91.257.4004.1	
			5.0 m	91.257.5000.1		91.257.5003.1		91.257.5004.1	
			6.0 m	91.257.6000.1		91.257.6003.1		91.257.6004.1	
			7.0 m	91.257.7000.1		91.257.7003.1		91.257.7004.1	
			8.0 m	91.257.8000.1		91.257.8003.1		91.257.8004.1	
		Cable: black	1.0 m	91.257.1000.2		91.257.1003.2		91.257.1004.2	
			2.0 m	91.257.2000.2		91.257.2003.2		91.257.2004.2	
			3.0 m	91.257.3000.2		91.257.3003.2		91.257.3004.2	
			4.0 m	91.257.4000.2		91.257.4003.2		91.257.4004.2	
Dimming	Female Code 2 Male	pastel blue	1.0 m	91.257.1000.9		91.257.1003.9		91.257.1004.9	
			2.0 m	91.257.2000.9		91.257.2003.9		91.257.2004.9	
			3.0 m	91.257.3000.9		91.257.3003.9		91.257.3004.9	
			4.0 m	91.257.4000.9		91.257.4003.9		91.257.4004.9	
			5.0 m	91.257.5000.9		91.257.5003.9		91.257.5004.9	
			6.0 m	91.257.6000.9		91.257.6003.9		91.257.6004.9	
			7.0 m	91.257.7000.9		91.257.7003.9		91.257.7004.9	
			8.0 m	91.257.8000.9		91.257.8003.9		91.257.8004.9	
		Cable: white	1.0 m	91.257.1000.2		91.257.1003.2		91.257.1004.2	
			2.0 m	91.257.2000.2		91.257.2003.2		91.257.2004.2	
			3.0 m	91.257.3000.2		91.257.3003.2		91.257.3004.2	
			4.0 m	91.257.4000.2		91.257.4003.2		91.257.4004.2	
Low voltage ³⁾	Female Code 3 Male	light blue	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						

¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

³⁾ Coding for low-voltage applications 50 V, 16 A

Available for delivery in the
3rd quarter of 2006

Cable: S05Z1Z1-F5G1.5				5 x 1.5 mm²		5 x 1.5 mm²		5 x 1.5 mm²		
Insulation: halogen-free				Female – Male		Female – freies Ende with ultrasonically welded wire ends ¹⁾		Male – Free end with ultrasonically welded wire ends ¹⁾		
Cable assemblies  PE = gn/yl N = bl 1 = br 2 = black L = gray Adapter cable for the GST 18i5 system available on request			Standard cable Type S05Z1Z1-F5G1.5							
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	
Mains with ground	Female Code 1 Male	black	1.0 m	91.257.1060.1		91.257.1063.1		91.257.1064.1		
			2.0 m	91.257.2060.1		91.257.2063.1		91.257.2064.1		
			3.0 m	91.257.3060.1		91.257.3063.1		91.257.3064.1		
			4.0 m	91.257.4060.1		91.257.4063.1		91.257.4064.1		
			5.0 m	91.257.5060.1		91.257.5063.1		91.257.5064.1		
			6.0 m	91.257.6060.1		91.257.6063.1		91.257.6064.1		
			7.0 m	91.257.7060.1		91.257.7063.1		91.257.7064.1		
			8.0 m	91.257.8060.1		91.257.8063.1		91.257.8064.1		
	Male Code 2 Female	white	1.0 m	91.257.1060.2		91.257.1063.2		91.257.1064.2		
			2.0 m	91.257.2060.2		91.257.2063.2		91.257.2064.2		
			3.0 m	91.257.3060.2		91.257.3063.2		91.257.3064.2		
			4.0 m	91.257.4060.2		91.257.4063.2		91.257.4064.2		
			5.0 m	91.257.5060.2		91.257.5063.2		91.257.5064.2		
			6.0 m	91.257.6060.2		91.257.6063.2		91.257.6064.2		
			7.0 m	91.257.7060.2		91.257.7063.2		91.257.7064.2		
			8.0 m	91.257.8060.2		91.257.8063.2		91.257.8064.2		
Dimming	Female Code 3 Male	pastel blue	1.0 m	91.257.1060.9		91.257.1063.9		91.257.1064.9		
			2.0 m	91.257.2060.9		91.257.2063.9		91.257.2064.9		
			3.0 m	91.257.3060.9		91.257.3063.9		91.257.3064.9		
			4.0 m	91.257.4060.9		91.257.4063.9		91.257.4064.9		
			5.0 m	91.257.5060.9		91.257.5063.9		91.257.5064.9		
			6.0 m	91.257.6060.9		91.257.6063.9		91.257.6064.9		
			7.0 m	91.257.7060.9		91.257.7063.9		91.257.7064.9		
			8.0 m	91.257.8060.9		91.257.8063.9		91.257.8064.9		
Low voltage ³⁾	Female Code 3 Male	light blue	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							

¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

³⁾ Coding for low-voltage applications 50 V, 16 A

Technical data

General information:

Number of poles:	2, 3, 5 pole
Rated voltage:	250 V; 250/400 V (5 pole)
Rated current:	16 A
Locking device:	Integrated
Regulations:	DIN VDE 0606; DIN VDE 0627 (5 pole)
Approvals:	DIN VDE 0606; DIN VDE 0627 (5 pole)
Type of protection:	IP 20, DIN VDE 0470 IP 40 when plugged in
Mating/disconnect cycles:	approx. 50 – 100 insertions/withdrawals at an ohmic load of 16 A
Rated impulse voltage:	4 kV / 250 V
Material:	
Insulating part:	Thermoplastic, halogen-free
Contact parts:	Plated brass
Screws:	Zinc-plated steel
Continuous temperature:	
Insulation components:	100° C
Cables :	70° C
Ambient conditions:	Pollution degree 2 according to DIN VDE 0110 Part 1 Definition: Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account. Example: Private homes, retail sites and other commercial buildings
Coding:	Mechanical coding symbolized by color code white and black with the same mechanical coding All components available for delivery in these colors. Please note possibly differing voltage and current load

General: On the female part, protection against inadvertent contact is guaranteed even when disconnected. Ground conductor is leading.
The live component must be a female connector according to regulations.
It is not possible to install cable in a ring circuit.

Note : Compliance with VDE 0606 will not automatically prevent a dangerous non-polarization with other installation connector systems.
Installation system GST 15i3 is not a substitute for the national connector and outlet system for home applications.
A dangerous non-polarization is impossible with systems that are defined in the standards of IEC 60309, IEC 60320 and IEC 60906 or with the national connector and outlet systems for home applications.

Technical data

Connector:

Variations:	Female and male connectors with strain relief
Type of connection:	Screw, M 3
Torque:	max. 0.5 Nm
Wire range:	0.75 – 1.5 mm ²
Sheath strip length:	as specified! Consider the ground conductor!
Insulation strip length:	8 ₋₁ mm
Strain relief:	Cable type: H05VV-F, NYM; others available on request
Flammability load:	0.01 kWh

Snap-in, appliance coupler:

Variations:	Female and male connectors with frames for snap-in in housing cut-out
Type of connection:	Screw, M 3
Tightening torque:	0.3 – 0.5 Nm (for 0.5 mm ² = max. 0.3 Nm)
Wire range:	0.5 - 1.5mm ²
Insulation strip length:	8 ₋₁ mm
Housing material thickness:	Frame for snap-in into 0.5 – 1.5 mm thick walls
Flammability load:	0.01 kWh

Cable, pre-assembled:

Variations:	Connection cable, Female – Male Connection cable, Female – Free End Connection cable, Male – Free end	
Type of connection:	Screw, M 3	
Free wire ends:	Sheath strip length	as specified
	Insulation strip length	8 mm, ultrasonically compressed
Cable:	With halogen (PVC)	H05VV-F xG1.5 x = 2, 3, 5
	Halogen-free	S05Z1Z1-F xG1.5
Cable length:	0.2 – 10 m; other lengths available on request	