



wieland

Electrical
Connections



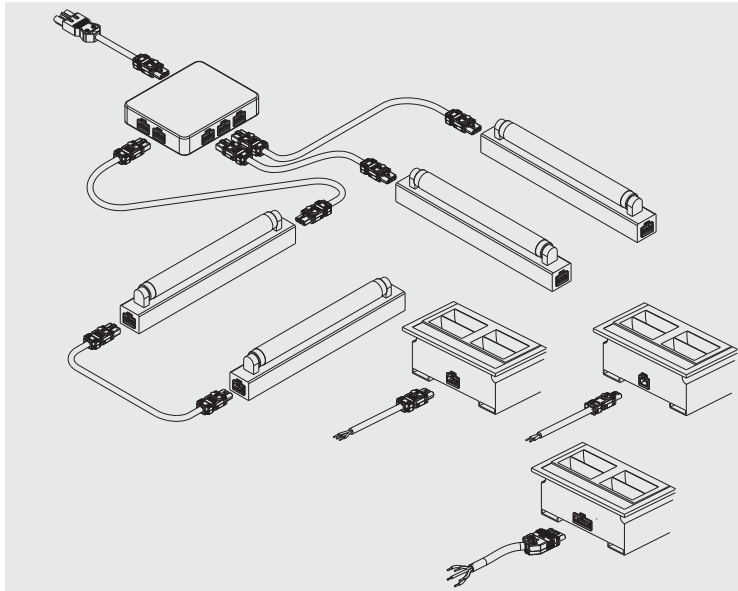
gesis[®] MINI

Small and powerful

gesis[®] MINI
Ordering document



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				Mains with ground		Dimming		50 V		Mains with ground		Mains with ground		Mains + Dimming		50 V			
					Mechanical coding		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	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

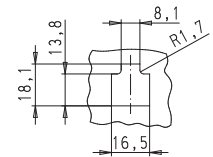
Available for delivery in the 4th quarter of 2006

Connectors

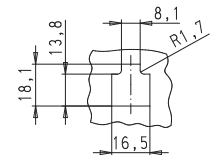
Appliance couplers

Application			Coding		Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector						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 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 device Insulation strip length: 8 mm	
Male connector						Type GST15i2S B1 ZR1 WS		Type GST15i2S B1 R WS	
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						Type GST15i2S S1 ZR1 WS		Type GST15i2S S1 R WS	
Application Coding Color									
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		

Cut-out dimensions:



Cut-out dimensions:



²⁾ Other cables available on request

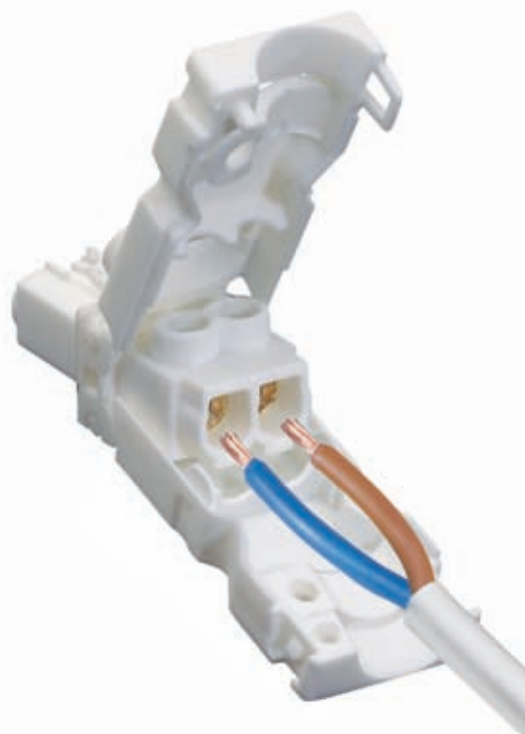
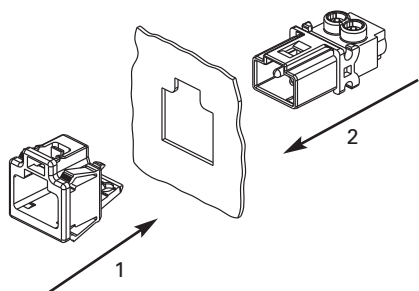
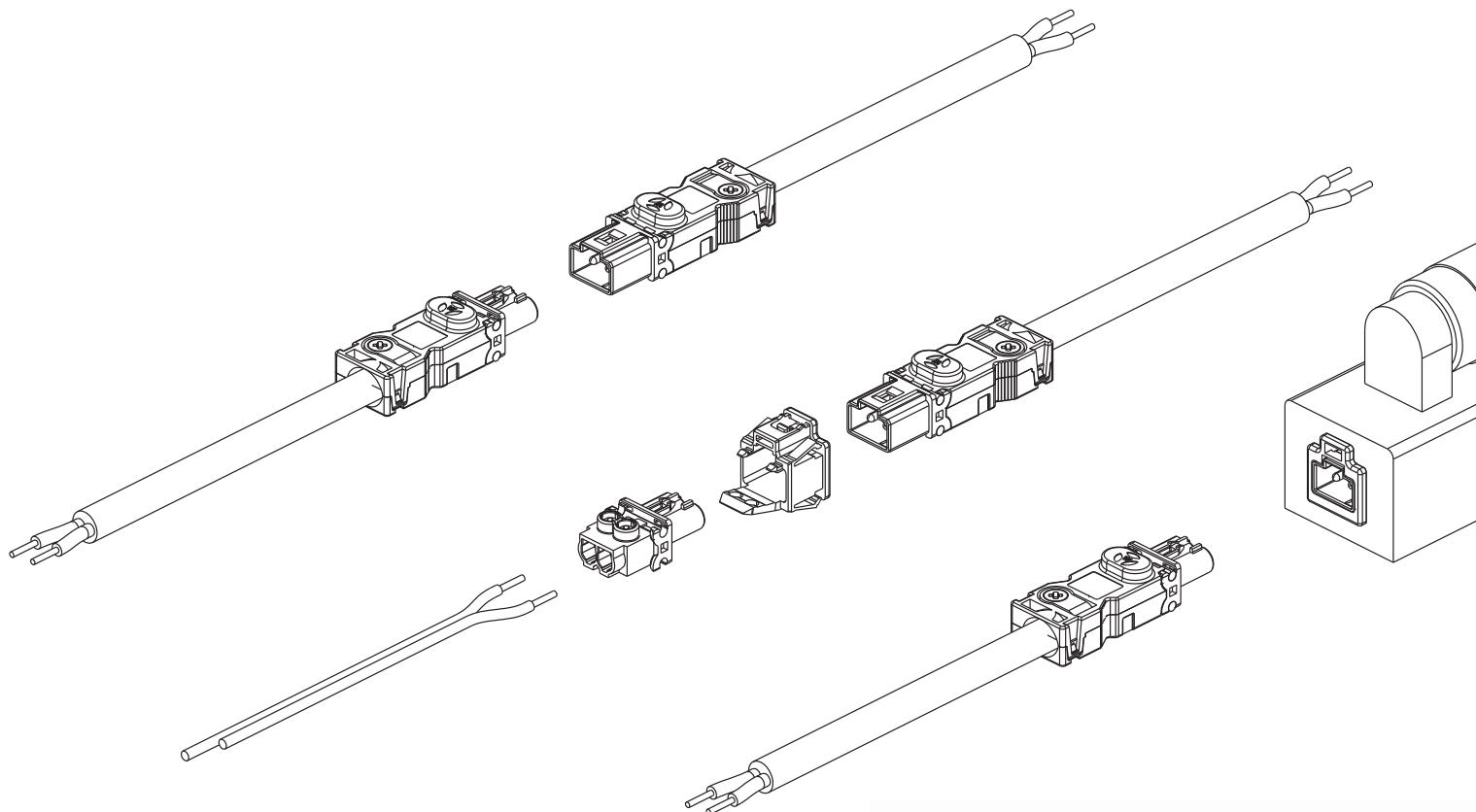
³⁾ Coding for low-voltage applications 50 V, 16 A

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

GST 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

Extension cable

Connection cable

Connection cable

Cable: H05VV-F2G1.5

Insulation: with halogen (PVC)

2 x 1.5 mm²

Female – Male

2 x 1.5 mm²

Female – Free end
with ultrasonically welded wire ends¹⁾

2 x 1.5 mm²

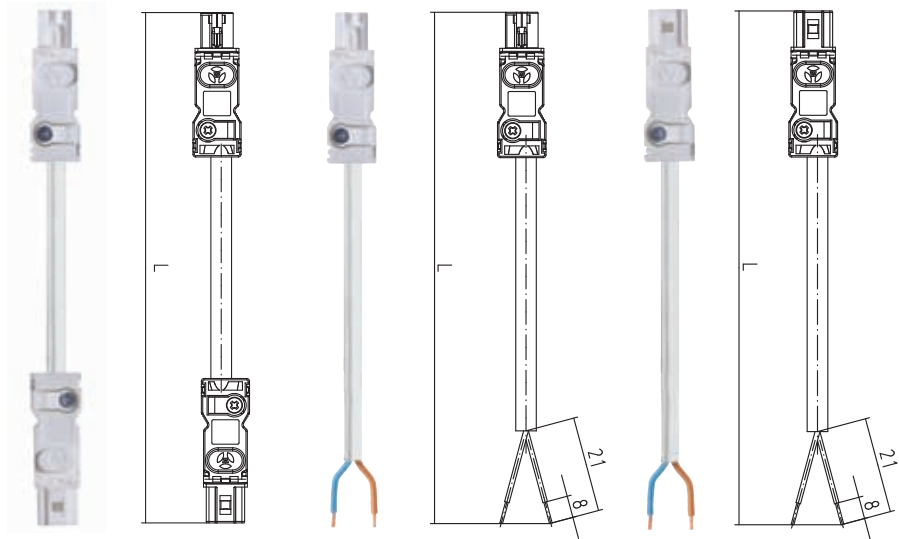
Male – Free end
with ultrasonically welded wire ends¹⁾

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 Female Male 	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	
	white	Code 1 Female Male 	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 Female Male 	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	
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						


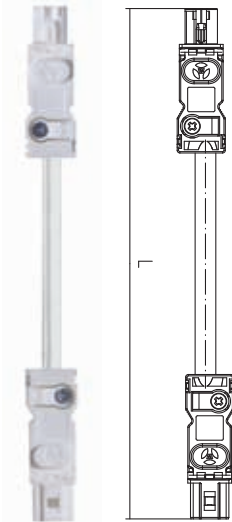
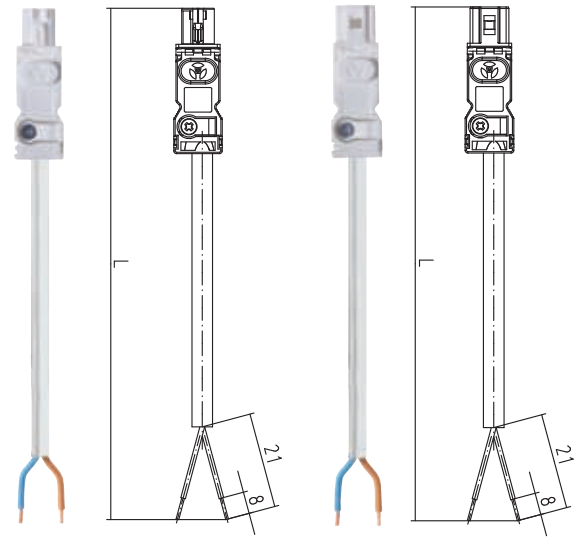






¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

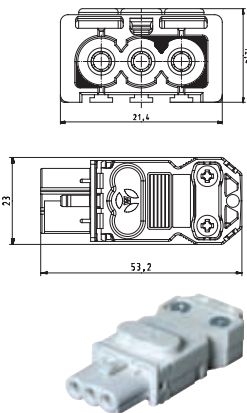
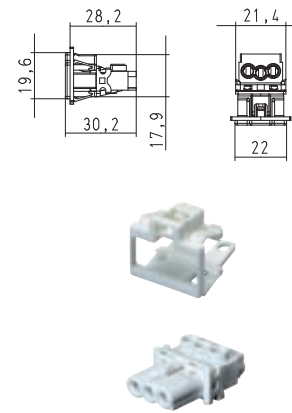
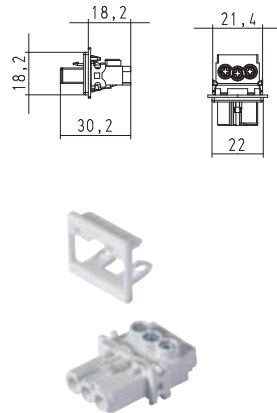

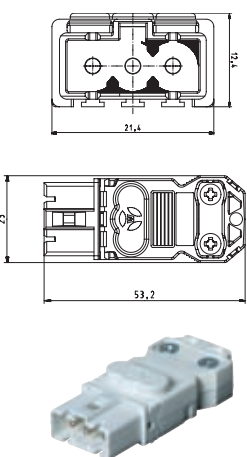
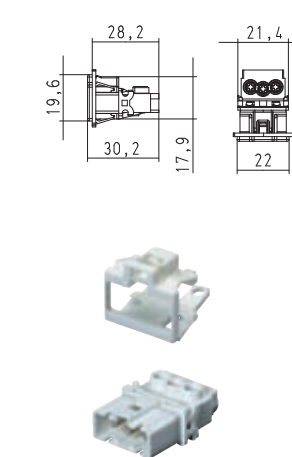
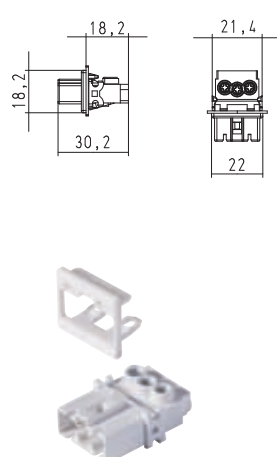

³⁾ Coding for low-voltage applications 50 V, 16 A

⁴⁾ 0.75mm² cables available on request

Available for delivery in the 4th quarter of 2006

				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			
	Cable: black	white	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			
			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			
Cable: white	white	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			
Cable: white	white	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				
		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											
Cable: white	white	7.0 m									
		8.0 m									

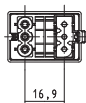
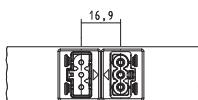
¹⁾ Other sheath and insulation strip lengths available on request ³⁾ Coding for low-voltage applications 50 V, 16 A
²⁾ Other lengths available on request ⁴⁾ 0.75mm² cables available on request

			Connectors		Appliance couplers		Appliance couplers	
Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Female connector			<p>with strain relief for cable diameters of 6.0 – 8.5 mm (H05VV-F, NYM)²⁾ Wire range: 0.5 – 1.5 mm² solid and fine-stranded without ferrule, with locking levers</p> <p>Sheath strip length SL: 25 mm Sheath strip length: 21 mm Insulation strip length: 8 mm</p>		<p>Material thickness: 0.5 – 1.5 mm snaps into place in cut-out¹⁾, 1 connection point per pole, with screw, solid and fine-stranded cables 0.5 – 1.5 mm² with locking levers</p> <p>Insulation strip length: 8 mm</p>		<p>Material thickness: 0.8 – 1.0 mm snaps into place in cut-out¹⁾, 1 connection point per pole, with screw, solid and fine-stranded cables 0.5 – 1.5 mm² with locking levers</p> <p>Insulation strip length: 8 mm</p>	
Male 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			
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

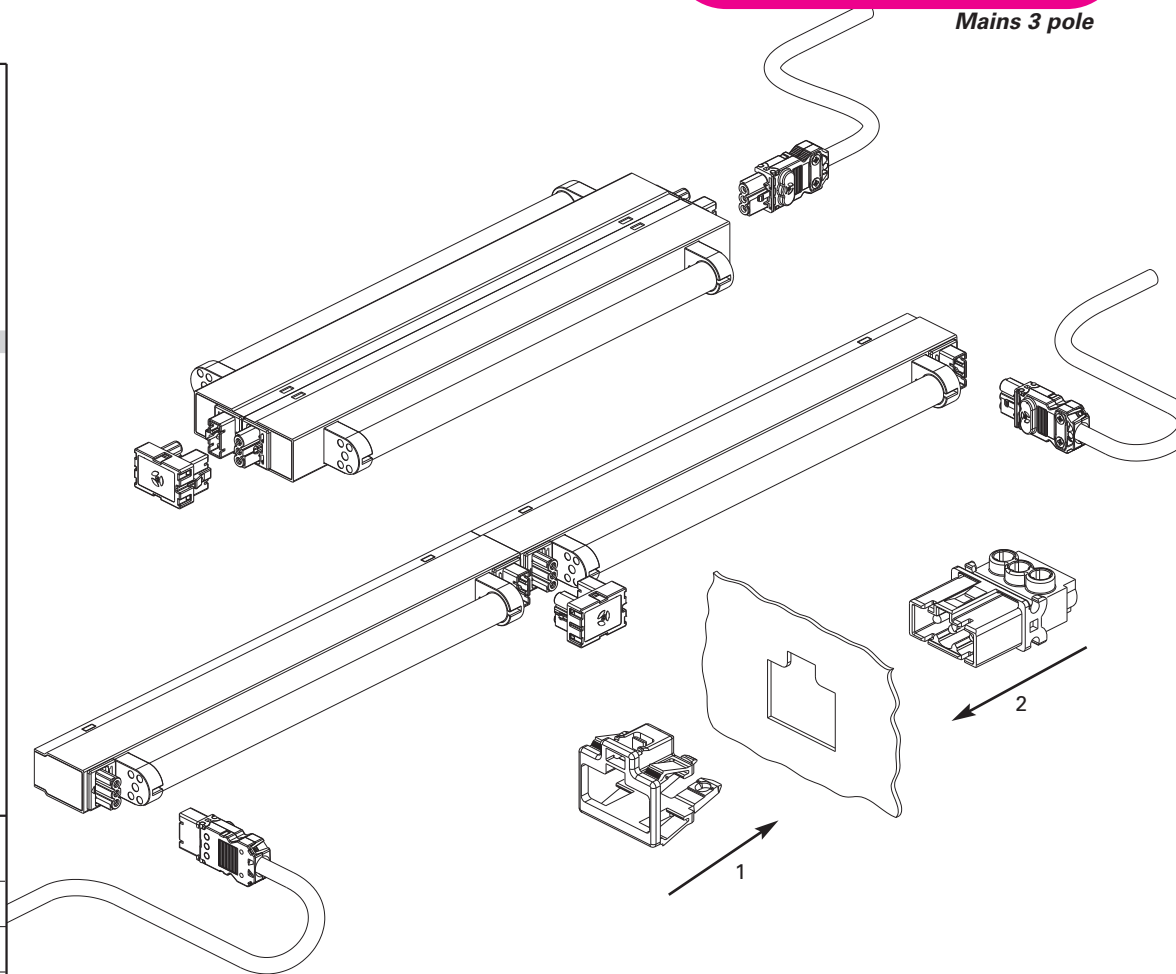
lockable
1 input
 Male connector 3 pole
1 output
 Female connector 3 pole

Part No. Std. Pack

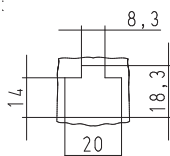


91.030.5853.1
 91.030.5853.0

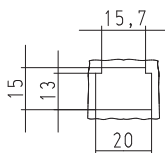
GST15i3



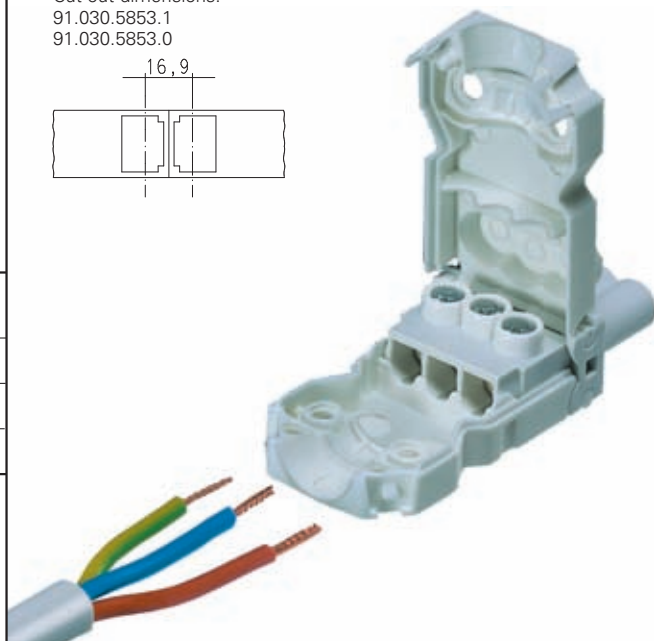
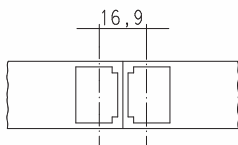
Cut-out dimensions:
 91.931.9053.1
 91.932.9053.1




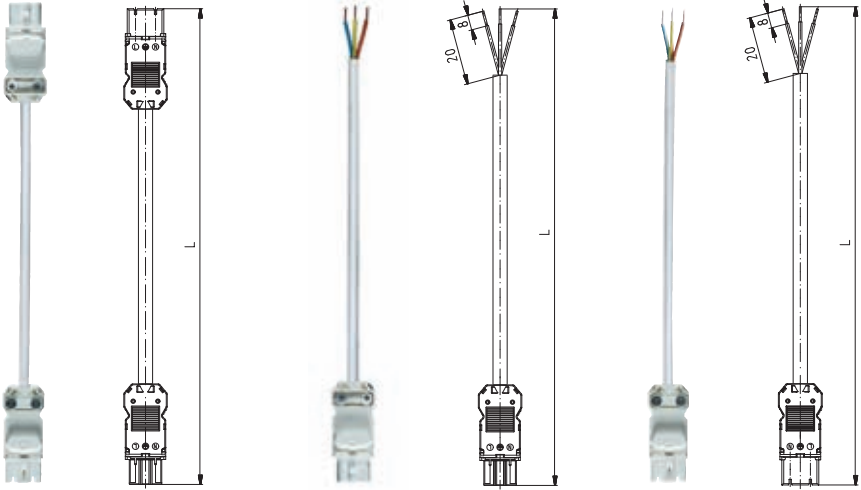


Cut-out dimensions:
 91.931.9153.1
 91.932.9153.1



Cut-out dimensions:
 91.030.5853.1
 91.030.5853.0



GST 15i 3 pole 250 V, 16 A

				Extension cable	Connection cable	Connection cable			
Cable: H05VV-F3G1.5 Insulation: with halogen (PVC)				3 x 1.5 mm² Female – Male	3 x 1.5 mm² Female – Free end with ultrasonically welded wire ends ¹⁾	3 x 1.5 mm² Male – Free end with ultrasonically welded wire ends ¹⁾			
 <p>PE = gn/yl N = bl L = br</p>				Standard cable Type H05VV-F3G1.5					
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains with ground	Female  Male 	Cable: 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	
	Cable: 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		
		8.0 m	91.232.8000.2		91.232.8003.2		91.232.8004.2		

Cable assemblies

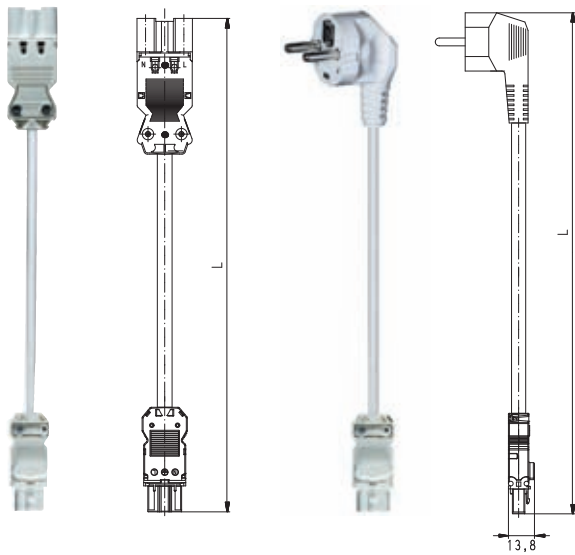
Connection cable

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
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91.232.1009.1			91.232.2007.1	
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				


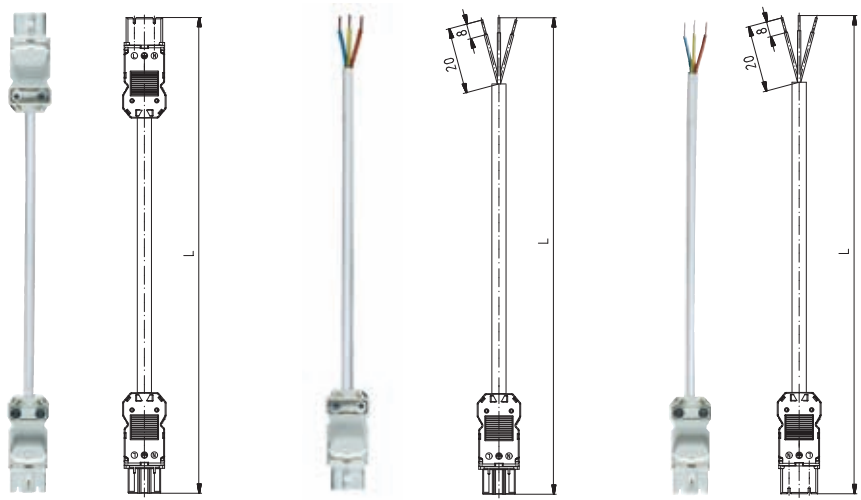


91.232.1009.2			91.232.2007.2	
91.232.2009.2				
91.232.3009.2				
91.232.4009.2				
91.232.5009.2				
91.232.6009.2				
91.232.7009.2				
91.232.8009.2				



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 Insulation: halogen-free				3 x 1.5 mm² Female – Male	3 x 1.5 mm² Female – Free end with ultrasonically welded wire ends ¹⁾	3 x 1.5 mm² Male – Free end with ultrasonically welded wire ends ¹⁾			
<p style="text-align: center;">Cable assemblies</p>  <p>PE = gn/yl N = bl L = br</p>				Standard cable Type S05Z1Z1-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	91.232.1060.1		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	Cable: black	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	
Cable: white	white	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 assemblies

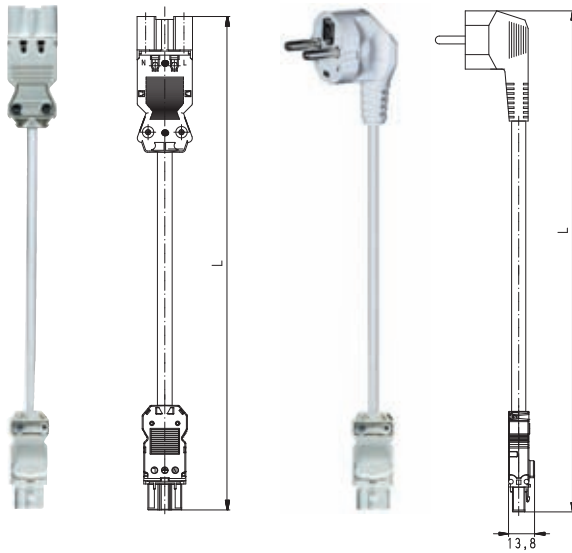
Connection cable

3 x 1.5 mm²

Female – Male

3 x 1.5 mm²

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



Length ¹⁾	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 length at the time of purchase
available on request

²⁾ Order length at the time of purchase
available on request

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

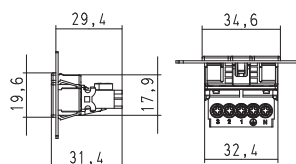
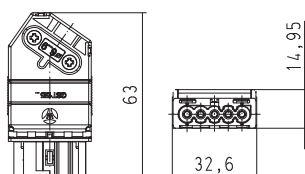
Available for delivery in the 3rd quarter of 2006

Connectors

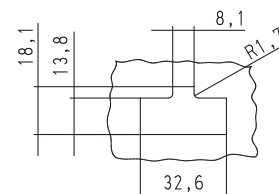
Appliance couplers

			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



Cut-out dimensions:



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

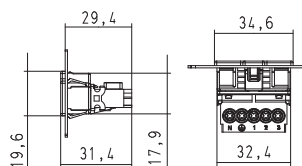
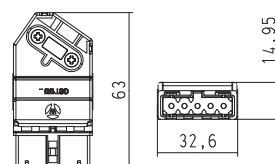
Type

GST15i5S B1 ZR1 WS

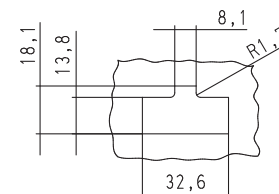
GST15i5S B1 R WS

Application	Coding	Color	Part No.	Std. Pack	Part No.	Std. Pack
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Male connector



Cut-out dimensions:



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

²⁾ Other cables available on request

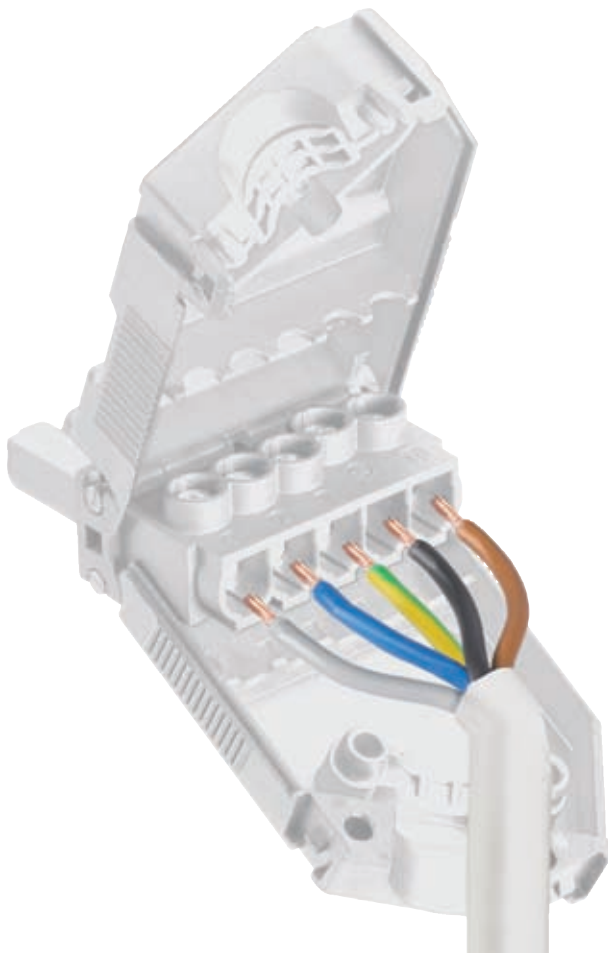
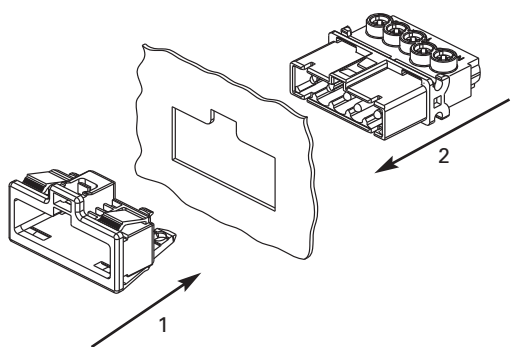
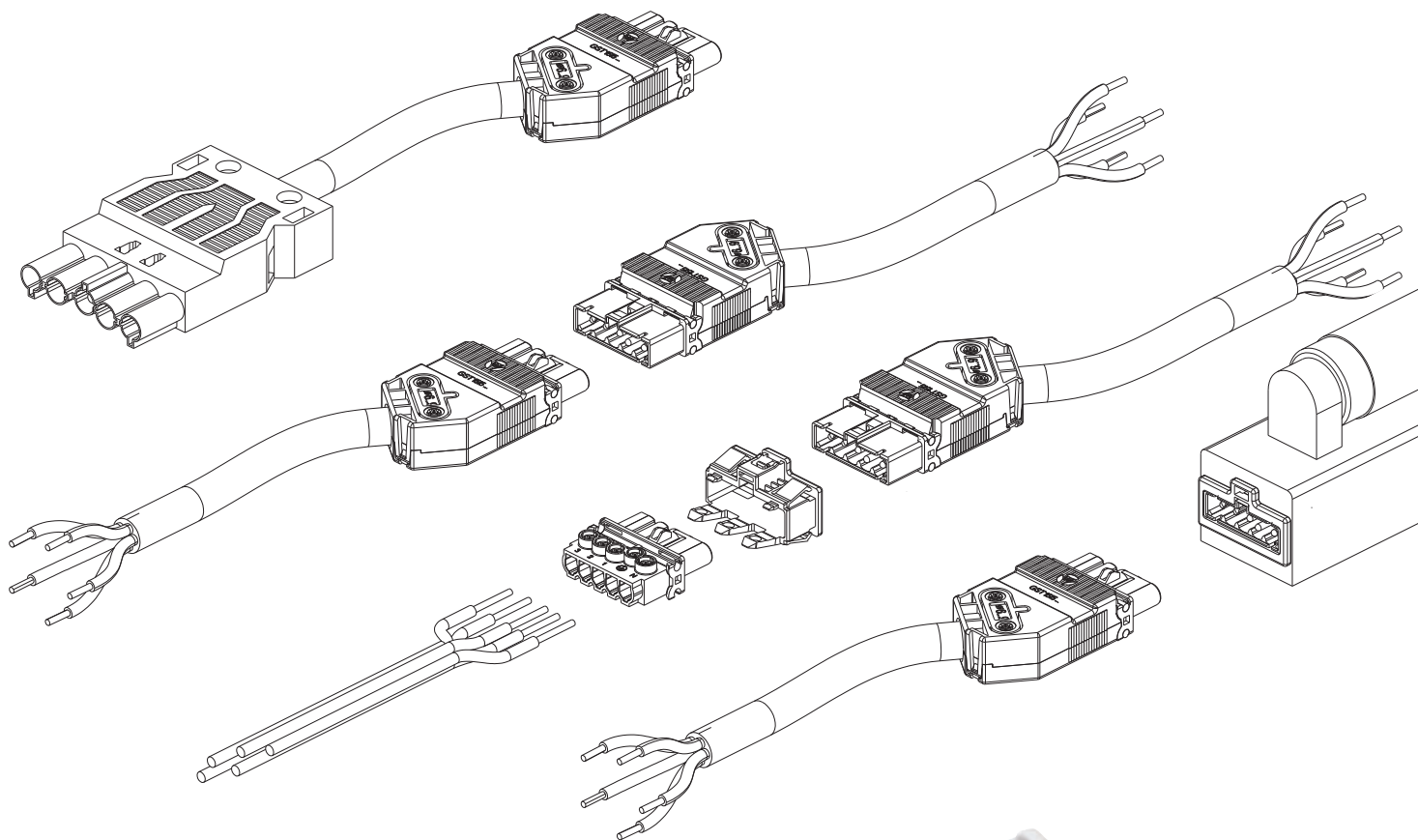
³⁾ Coding for low-voltage applications 50 V, 16 A

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

GST 15i5


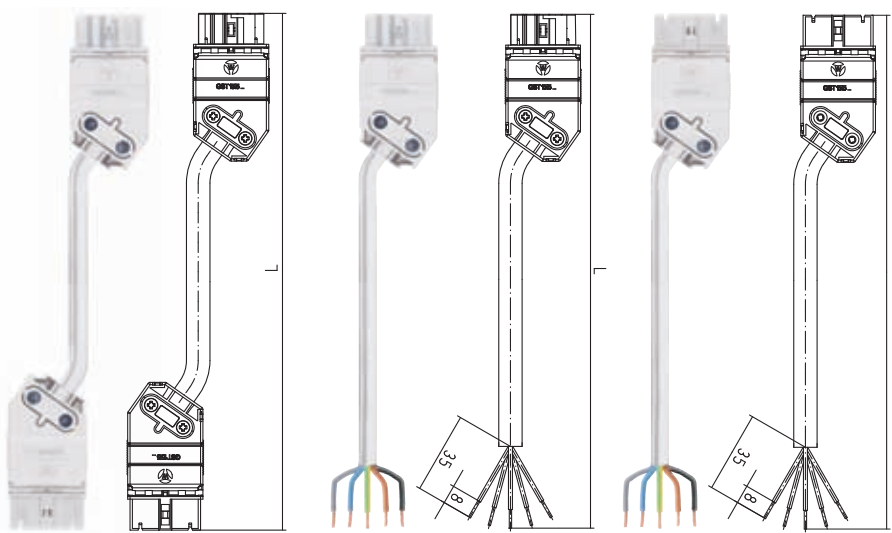






5 pole

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


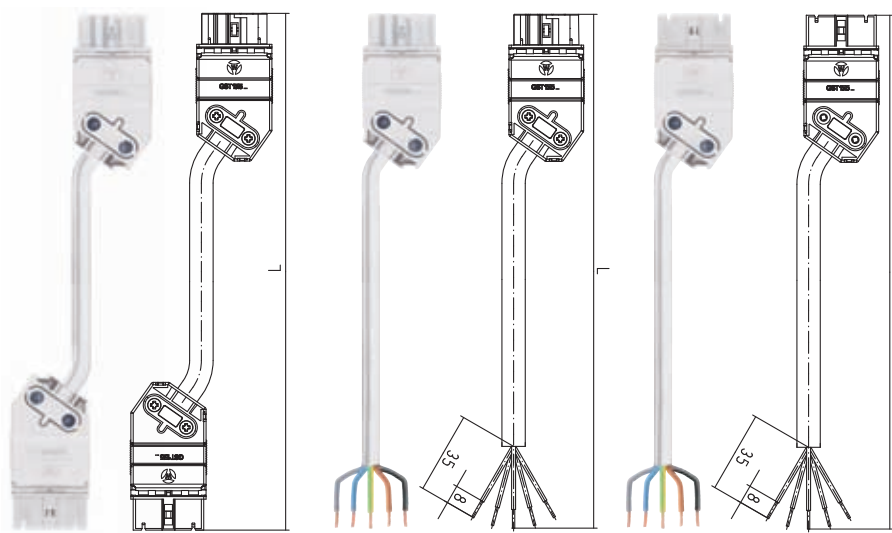






				Extension cable	Connection cable	Connection cable				
Cable: H05VV-F5G1.5 Insulation: with halogen (PVC)				5 x 1.5 mm² Female – Male	5 x 1.5 mm² Female – Free end with ultrasonically welded wire ends ¹⁾	5 x 1.5 mm² Male – Free end with ultrasonically welded wire ends ¹⁾				
<p style="text-align: center;">Cable assemblies</p>  <p>PE = gn/y N = bl 1 = br 2 = black L = gray</p> <p style="text-align: center;">Standard cable Type H05VV-F5G1.5</p>  <p>Adapter cable for the GST 18i5 system available on request</p>										
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack	
Mains with ground	Cable 1  	Cable: 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		
	Dimming	Cable 2  	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	
				5.0 m	91.257.5000.2		91.257.5003.2		91.257.5004.2	
				6.0 m	91.257.6000.2		91.257.6003.2		91.257.6004.2	
				7.0 m	91.257.7000.2		91.257.7003.2		91.257.7004.2	
				8.0 m	91.257.8000.2		91.257.8003.2		91.257.8004.2	
Low voltage ³⁾	Cable 3  	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							

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

			Extension cable		Connection cable		Connection cable ^{5 pole}				
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⁾				
<p>Cable assemblies</p>  <p>PE = gn/yl N = bl 1 = br 2 = black L = gray</p> <p>Standard cable Type S05Z1Z1-F5G1.5</p>  <p>Adapter cable for the GST 18i5 system available on request</p>											
Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack		
Mains with ground	Cable 1  	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			
	Cable: black	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				
		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					
Cable: white	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	Cable 2  	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			
Cable: white		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⁾	Cable 3  	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											
Cable: black	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	



wieland

**Electrical
Connections**

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www.gesis.com
www.gesis-network.com
info@wieland-electric.com

AT Wieland

Components and system components
for the control cabinet

- DIN rail terminal blocks
 - with screw connection
 - with spring clamp connection
 - with IDC connection

- Safety
 - Safety relays
 - Modular safety systems

- Fieldbus components
- Interface
 - Power supplies
 - Overvoltage protection
 - Measuring and monitoring relays
 - Time and switching relays
 - Coupling relays/solid state relays
 - Analog modules
 - Passive interfaces

Components and system components
for field applications

- Remote automation
 - Remote power distribution
 - Remote fieldbus interface
- Industrial multipole connectors
 - Modular multipole connectors
 - High-density multipole connectors
 - High-current multipole connectors
 - Multipole connectors for hazardous areas
 - Bushings for control cabinets
 - D-Sub connectors

- Round connectors
- Empty housings and appliance
connectors/terminal strips

AT Schleicher

PLC systems and CNC based control systems

- Operator panels
- Application engineering & system solutions
- Customized products

BIT Wieland

- Building installation systems
 - Mains connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Flexible flat cable systems
 - Distribution systems
 - Switching devices for EIB/KNX, LON, Ethernet, radio control
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

PCB connectors Wieland

- PC board connectors
 - with screw connection
 - with spring clamp connection
 - with TOP connection



P r o d u c t R a n g e