

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

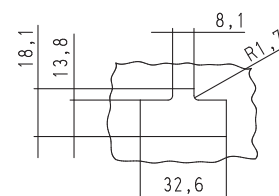
Available for delivery in the 3rd quarter of 2006

Connectors

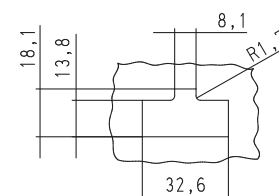
Appliance couplers

Application			Coding		Color	Part No.	Std. Pack	Part No.	Std. Pack
Female connector						<p>with strain relief for cable diameters of 6.0 – 11.0 mm (H05VV-F, NYM)²⁾ Wire range: 0.75 – 1.5 mm² solid and fine-stranded without ferrule with locking levers</p> <p>Sheath strip length SL: 67 mm Sheath strip length: 47 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 0.5 – 1.5 mm² with locking levers</p> <p>Insulation strip length: 8 mm</p>		
Male connector						<p>with strain relief for cable diameters of 6.0 – 11.0 mm (H05VV-F, NYM)²⁾ Wire range: 0.75 – 1.5 mm² solid and fine-stranded without ferrule with locking levers</p> <p>Sheath strip length SL: 67 mm Sheath strip length: 47 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 0.5 – 1.5 mm² with locking levers</p> <p>Insulation strip length: 8 mm</p>		
Mains with ground	Code 1		white	91.951.3053.0	91.951.9053.0				
			black	91.951.3053.1	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		
Male connector						<p>with strain relief for cable diameters of 6.0 – 11.0 mm (H05VV-F, NYM)²⁾ Wire range: 0.75 – 1.5 mm² solid and fine-stranded without ferrule with locking levers</p> <p>Sheath strip length SL: 67 mm Sheath strip length: 47 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 0.5 – 1.5 mm² with locking levers</p> <p>Insulation strip length: 8 mm</p>		
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			black	91.952.3053.1	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

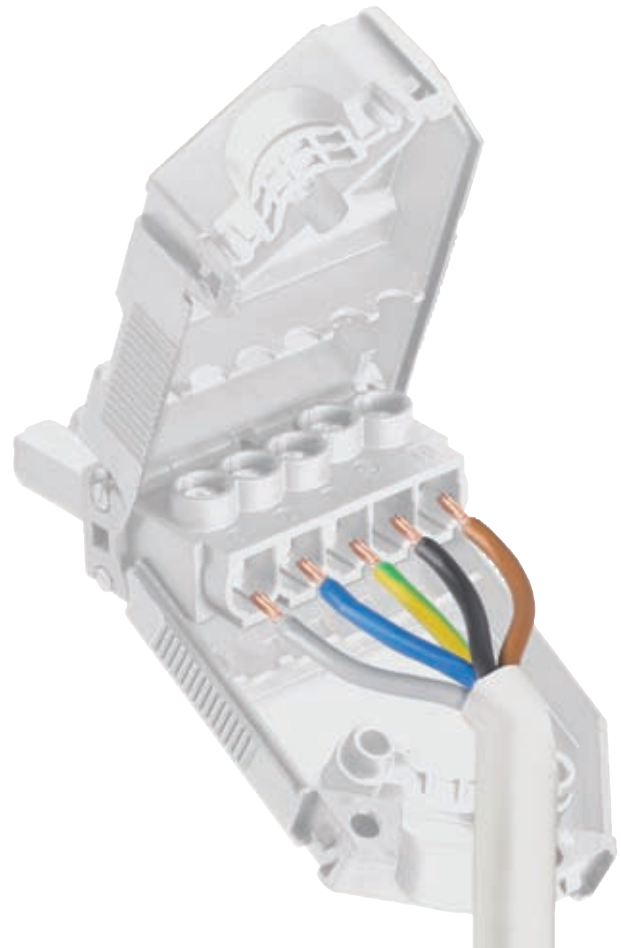
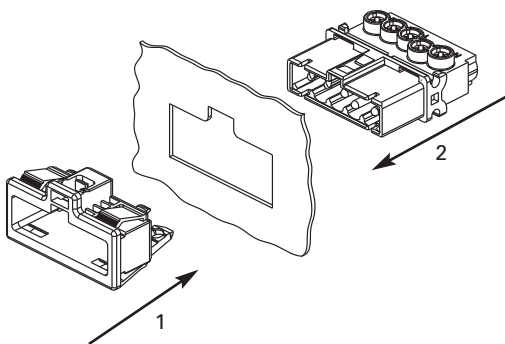
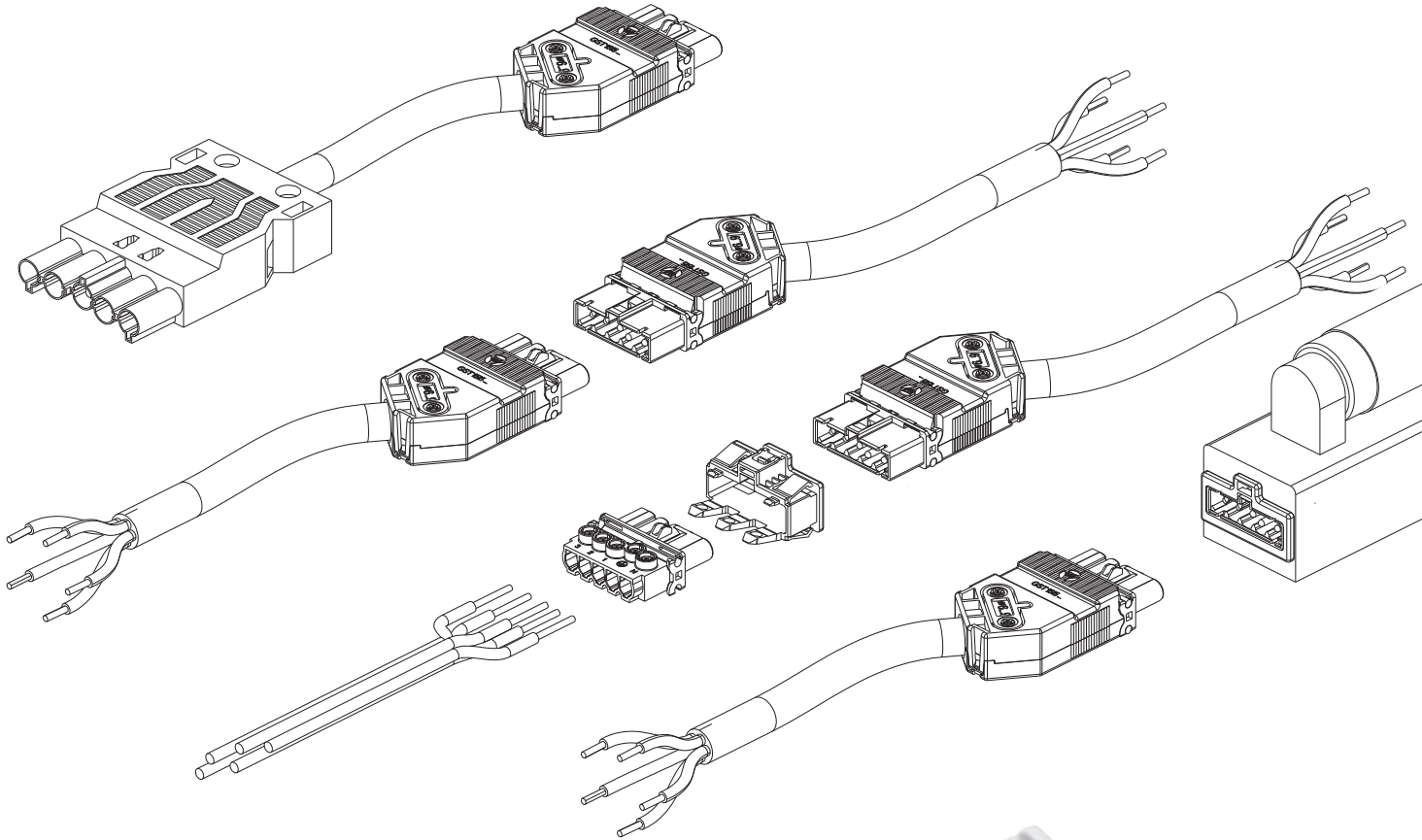
³⁾ Coding for low-voltage applications 50 V, 16 A

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

GST 15i5


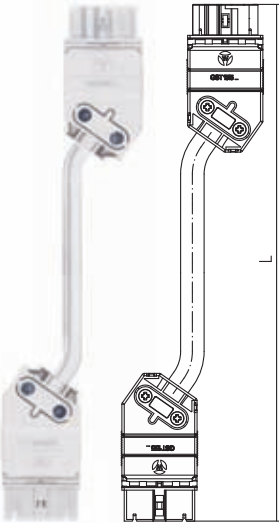
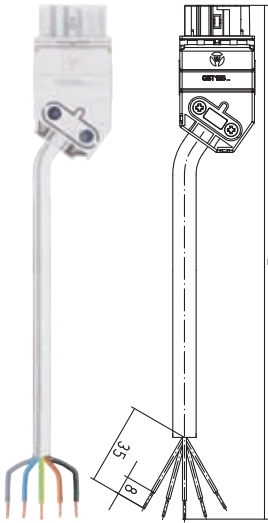
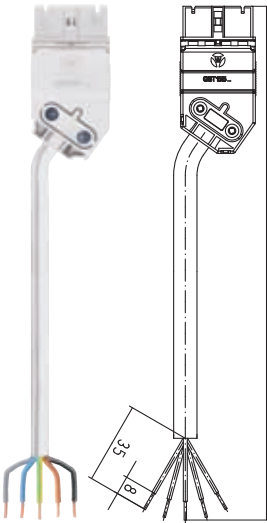






5 pole

Available for delivery in the 3rd quarter of 2006



GST 15i 5 pole 250 V, 16 A

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				Extension cable		Connection cable		Connection cable			
Cable: H05VV-F5G1.5											
Insulation: with halogen (PVC)											
Cable assemblies											
 <p>PE = gn/yl N = bl 1 = br 2 = black L = gray</p>				Standard cable Type H05VV-F5G1.5							
Adapter cable for the GST 18i5 system available on request											
Application	Coding	Color	Length ³⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack		
Mains with ground	Cable 1  	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			
			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		
Dimming	Cable 2  	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			
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								
			7.0 m								
			8.0 m								
		Cable: black									

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

GST 15i5

Available for delivery in the 3rd quarter of 2006

Extension cable

Connection cable

Connection cable ^{5 pole}

Cable: S05Z1Z1-F5G1.5

Insulation: halogen-free

5 x 1.5 mm²

Female – Male

5 x 1.5 mm²

Female – freies Ende
with ultrasonically welded wire ends¹⁾

5 x 1.5 mm²

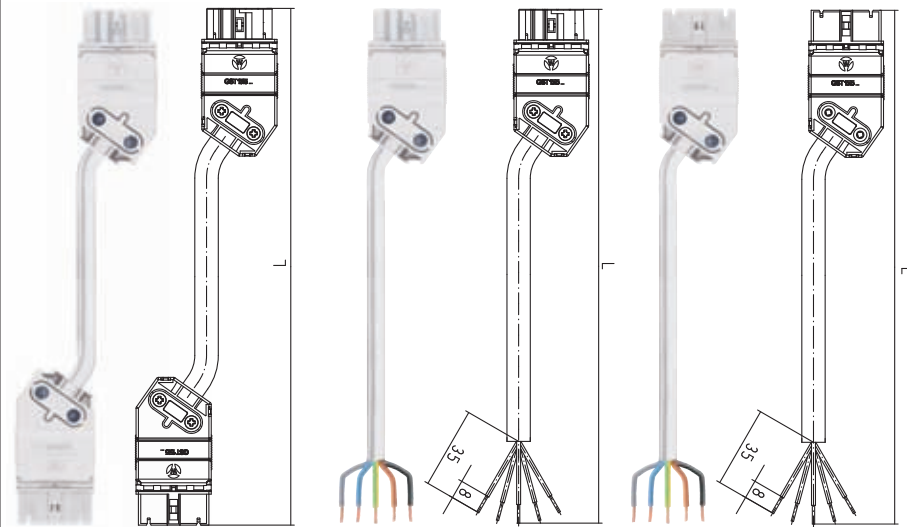
Male – Free end
with ultrasonically welded wire ends¹⁾

Cable assemblies



PE = gn/yl
N = bl
1 = br
2 = black
L = gray

Standard cable Type S05Z1Z1-F5G1.5



Adapter cable for the GST 18i5 system available on request

Application	Coding	Color	Length ²⁾	Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
Mains with ground	Cable 1 Female Male 	black	1.0 m 2.0 m 3.0 m 4.0 m 5.0 m 6.0 m 7.0 m 8.0 m	91.257.1060.1 91.257.2060.1 91.257.3060.1 91.257.4060.1 91.257.5060.1 91.257.6060.1 91.257.7060.1 91.257.8060.1		91.257.1063.1 91.257.2063.1 91.257.3063.1 91.257.4063.1 91.257.5063.1 91.257.6063.1 91.257.7063.1 91.257.8063.1		91.257.1064.1 91.257.2064.1 91.257.3064.1 91.257.4064.1 91.257.5064.1 91.257.6064.1 91.257.7064.1 91.257.8064.1	
		white	1.0 m 2.0 m 3.0 m 4.0 m 5.0 m 6.0 m 7.0 m 8.0 m	91.257.1060.2 91.257.2060.2 91.257.3060.2 91.257.4060.2 91.257.5060.2 91.257.6060.2 91.257.7060.2 91.257.8060.2		91.257.1063.2 91.257.2063.2 91.257.3063.2 91.257.4063.2 91.257.5063.2 91.257.6063.2 91.257.7063.2 91.257.8063.2		91.257.1064.2 91.257.2064.2 91.257.3064.2 91.257.4064.2 91.257.5064.2 91.257.6064.2 91.257.7064.2 91.257.8064.2	
Dimming	Cable 2 Female Male 	pastel blue	1.0 m 2.0 m 3.0 m 4.0 m 5.0 m 6.0 m 7.0 m 8.0 m	91.257.1060.9 91.257.2060.9 91.257.3060.9 91.257.4060.9 91.257.5060.9 91.257.6060.9 91.257.7060.9 91.257.8060.9		91.257.1063.9 91.257.2063.9 91.257.3063.9 91.257.4063.9 91.257.5063.9 91.257.6063.9 91.257.7063.9 91.257.8063.9		91.257.1064.9 91.257.2064.9 91.257.3064.9 91.257.4064.9 91.257.5064.9 91.257.6064.9 91.257.7064.9 91.257.8064.9	
Low voltage ³⁾	Cable 3 Female Male 	light blue	1.0 m 2.0 m 3.0 m 4.0 m 5.0 m 6.0 m 7.0 m 8.0 m	available on request		available on request		available on request	

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

Headquarters:
Wieland Electric GmbH
Brennerstraße 10 – 14
D-96052 Bamberg

Sales and Marketing Center:
Wieland Electric GmbH
Benzstraße 9
D-96052 Bamberg

Phone +49 (951) 9324-0
Fax +49 (951) 9324-198
www.wieland-electric.com
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