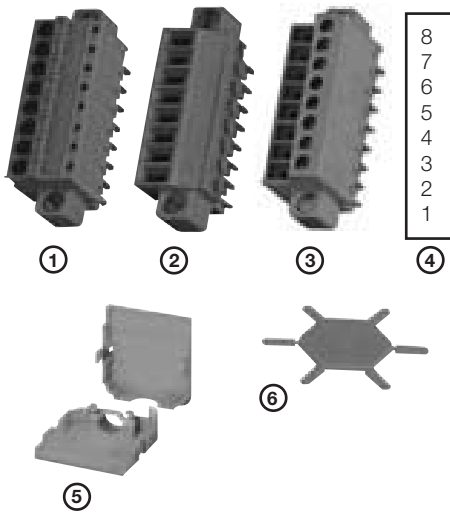


Accessories



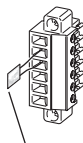
- 1 Wire clamp connector
- 2 Screw terminals connector
- 3 Front screw connector
- 4 Label (included in the delivery)
- 5 Hood cover – only for (2)*
- 6 Coding strip

* observe depth of enclosure

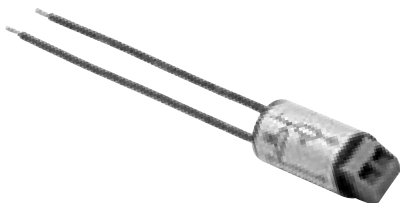
plugs are labeled 1-6 or 1-8 or 9-16

Coding strip only when necessary (uncoded ex works)

COMBICON
Connector



RTD cold junction compensation for thermocouple LB 9112



NAMUR resistor network for mech. contacts in combination with digital inputs (LFD)
GHG 139 0011 C 0000

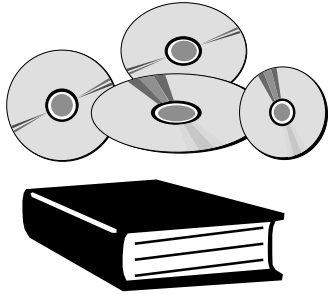
Ordering details

Type	Ex-i	Order No.
Connector 6-pole		
<i>Note: Hood cover can only be used with screw fixing connectors. Connectors with cover require field enclosures to be at least 300 mm deep</i>		
LB 9107 Screw terminals connector, blue, 6-pole	X	GHG 127 0000 A 9107
LB 9107 Wire clamp connector blue, 6-pole	X	CGS 127 0000 P 9107
LB 9117 Front connector, screw fixing, blue, 6-pole	X	GHG 127 0000 A 9117
LB 9108 Cover for connector blue, 6-pole	X	GHG 127 0000 A 9108
LB 9112 Cold junction compensation module blue, 6-pole	X	GHG 127 0000 A 9112
Connector 8-pole		
LB 9120 Cover for connector blue, 8-pole	X	GHG 127 0000 A 9120
LB 9113 Screw terminals connector blue, 8-pole	X	GHG 127 0000 A 9113
LB 9124 Screw terminals connector blue, 2 x 8-pole with label 1-8 and 9-16	X	GHG 127 0000 A 9124
LB 9115 Wire clamp connector blue, 8-pole	X	GHG 127 0000 A 9115
LB 9116 Wire clamp connector blue, 2 x 8-pol. with label 1-8 and 9-16	X	GHG 127 0000 A 9116
LB 9118 Front screw connector 1-8, blue	X	GHG 127 0000 A 9118
LB 9119 Front screw connector 1-8, and 9-16, blue	X	GHG 127 0000 A 9119
LB 9020 Coding strip for coding the male connector (100 pcs.)		GHG 127 0000 A 9020
Bus connection		
<i>Note: The bus is connected in protection category increased safety. So RS 485 standards are fully applicable. There is no need for an Ex-i bus-converter.</i>		
Service-bus interface-converter RS232-RS485 Needed in case of service only for mobile use of service-bus or in lab Converter/service-bus-connection Adapter-cable for service-bus connection (Ex-e)		upon enquiry CGS 127 0000 P 9281 CGS 127 0000 C 9258
NAMUR replacement-network for mech. contacts in combination with digital inputs (LFD)		GHG 139 0011 C 0000
Shut Down Input		
Some output modules are fitted with a bus independent shut down input. Modules with these inputs can be combined with modules not featuring this function in the same slave. FB Remote I/O slaves must contain backplanes from version 2 onwards. Details can be taken from the operating instructions (from 2002).		

Stock items on request

Accessories

Ordering details



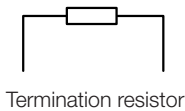
metal cable gland



GHG 960 1951 R 0001

Type	Ex-i	Order No.
<p>Software</p> <p><i>CD-ROM with DTM configuration software for FDT098 incl. documentation for LB/FB Remote I/O V4X + V5X + V6X + FDT 1.2 DTM for all ComUnits incl. licence for 1 project</i></p> <p><i>when required, order comm unit factory update after return of devices per item plus shipment or On-site Update by a service engineer or on site commissioning assistance or factory acceptance test</i></p>		<p>GHG 127 0000 H 0401</p> <p><i>upon enquiry</i></p>
<p>Tools and cable glands</p> <p><i>Removal tool for comm. interface, power supplies, multi channel modules</i></p> <p><i>Removal tool for I/O modules (included in the delivery FB 9224-9249)</i></p> <p><i>Metal cable gland M16 with insert 5-9 mm</i></p> <p><i>with insert 3-7 mm</i></p> <p><i>Metal sealing plug M16</i></p> <p><i>Metal blind plug M16</i></p> <p><i>Metal cable gland M25 with insert 9-16 mm</i></p> <p><i>with insert 13-17 mm</i></p> <p><i>Metal sealing plug M25</i></p> <p><i>Metal blind plug M25</i></p> <p><i>Metal cable gland M20 with insert 7-12 mm</i></p> <p><i>with insert 9-13 mm</i></p> <p><i>Metal sealing plug M20</i></p> <p><i>Metal blind plug M20</i></p> <p><i>Special box spanner for tightening the screw caps with cables in place</i></p>		<p>GHG 120 1801 P 0002</p> <p>GHG 120 1801 P 0001</p> <p>CGS 227 0095 P 4000</p> <p>CGS 227 0095 P 3000</p> <p>CGS 227 0095 P 5000</p> <p>CGS 227 0095 P 6000</p> <p>CGS 227 0095 P 7000</p> <p>CGS 227 0095 P 8000</p> <p>CGS 227 0095 P 9000</p> <p>CGS 227 0095 P 0000</p> <p>CGS 227 0096 P 2000</p> <p>CGS 227 0096 P 1000</p> <p>CGS 227 0096 P 3000</p> <p>CGS 227 0096 P 4000</p> <p>GHG 960 1951 R 0001</p>
<p>Stock items on request</p>		

Ordering details



Type	Ex-i	Order No.
Extension cables		
<i>Extension cables for plastic enclosures</i>		
GHG 127 0000 D 92XX		
<i>for redundancy unit-basic unit (2.1 m)</i>		CGS 227 0096 P 8000
<i>for redundancy unit-expansion (2.1 m)</i>		CGS 227 0096 P 9000
<i>for basic unit-expansion (2.1 m)</i>		CGS 227 0097 P 0000
<i>for comm. interface to redundant comm. interface (2.1 m)</i>		CGS 127 0000 P 9283
<i>(Extension cables are included in the delivery of FB 9225, 9248, 9249)</i>		
<i>Extension cables for plastic enclosures with built-on terminal box E 92XX resp. G 92XX</i>		
<i>for redundancy unit-basic unit (1.6 m)</i>		CGS 227 0096 P 5000
<i>for redundancy unit-expansion (1.9 m)</i>		CGS 227 0096 P 6000
<i>for basic unit-expansion (2.2 m)</i>		CGS 227 0096 P 7000
<i>for comm. interface to redundant comm. interface (2.1 m)</i>		CGS 127 0000 P 9284
<i>(Extension cables are included in the delivery of FB 9225, 9248, 9249)</i>		
Bus cable		
<i>Comm. cable in metres for PROFIBUS or MODBUS for underground laying in Zone 1 (6XV1830-3AH10)</i>		CGS 127 0000 P 9290
<i>Comm. cable in metres for PROFIBUS or MODBUS for cable trays in Zone 1 (6XV1830-OEH10)</i>		CGS 127 0000 P 9291
<i>Comm. cable in metres for PROFIBUS or MODBUS in a non-hazardous area (6XV1830-OAH10)</i>		CGS 127 0000 P 9292
Bus termination (V2 housings before 2000 only)		
<i>120 Ω termination resistor for Zone 1</i>		GHG 210 9655 P 0344
<i>220 Ω termination resistor for Zone 1</i>		GHG 210 9655 P 0360
<i>390 Ω termination resistor for Zone 1</i>		GHG 210 9655 P 0372
<i>as from Version V2 backplanes field enclosures have to be fitted with bus termination modules FB9293-9295 (see data sheet)</i>		
Line filter		
<i>Single flame proof EMC line filter (if needed) in IP 66 enclosure</i>		GHG 411 8100 R 0015
<i>Double flame proof EMC line filter (if needed) in IP 66 enclosure</i>		GHG 411 8200 R 0015
Services		
<i>Project engineering</i>		<i>on inquiry</i>
<i>Factory settings</i>		<i>on inquiry</i>
<i>CAD documentation</i>		<i>on inquiry</i>
<i>Project management</i>		<i>on inquiry</i>
<i>Computer aided functional test</i>		<i>on inquiry</i>
<i>Factory acceptance test (FAT, GAMP)</i>		<i>on inquiry</i>
<i>Installation certificates acc. to ATEX</i>		<i>on inquiry</i>
Stock items on request		