

Protocol converter - GW PL HART4-BUS - 2702234

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Four-channel HART® expansion module, with screw connection

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 067056
GTIN	4055626067056
Weight per Piece (excluding packing)	200.000 g
Custom tariff number	85176200
Country of origin	Germany

Technical data

Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
	-40 °F ... 158 °F
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

General

Test voltage data interfaces	500 V AC
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Technical data

General

Test voltage data interface/power supply	500 V AC
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Mounting position	any
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Net weight	160.1 g
Color	gray
MTBF	359 Years (Siemens model SN29500, temperature 40°C, env. factor 1.5 and stress factor 50%)
Conformance	#

Power supply

Supply voltage range	19.2 V DC ... 30 V DC (supplied from the bus)
Typical current consumption	44 mA (at 24 V DC)

Serial interface

Interface 1	HART FSK
Interface	Analog
No. of ports	4
Connection method	Screw connection

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Conformance	#
Noxious gas test	ISA-S71.04-1985 G3 Harsh Group A
ATEX	# II 3 G Ex nA IIC T4 Gc DEMKO 17 ATEX 1749X
IECEX	IECEX ULD 17.0020X Ex nA IIC T4 Gc
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D

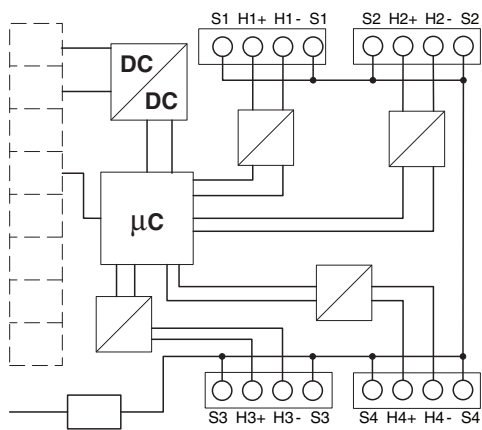
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

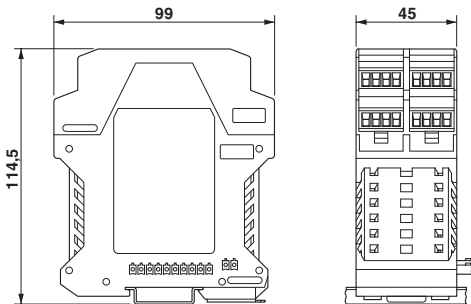
Drawings

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Block diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 7.0	27242208
eCl@ss 8.0	27242208
eCl@ss 9.0	27242208

ETIM

ETIM 5.0	EC001423
ETIM 6.0	EC001423

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

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Approvals

UL Listed



<http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

cUL Listed



<http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

cULus Listed



Accessories

Accessories

I/O component

Protocol converter - GW PL HART8-BUS - 2702235



Eight-channel HART[®] expansion module, with screw connection

Protocol converter - GW PL HART8+AI-BUS - 2702236



Eight-channel HART[®] expansion module with analog loop supply and screw connection

Protocol converter - GW PL DIO4-BUS - 2702237



Four-channel digital input and four-channel digital output module with screw connection

Protocol converter - GW PL HART4-BUS - 2702234

Accessories

Protocol converter - GW PL HART4-R-BUS - 2702879



Four-channel HART[®] expansion module, with screw connection, with 250 Ω internal input resistors

Protocol converter - GW PL HART8-R-BUS - 2702880



Eight-channel HART[®] expansion module, with screw connection, with 250 Ω internal input resistors

Necessary add-on products

Ethernet HART multiplexer - GW PL ETH/UNI-BUS - 2702233



Modular gateway Ethernet head station with Modbus TCP, PROFINET, HART IP, FDT/DTM. Supports five expansion modules.

Ethernet HART multiplexer - GW PL ETH/BASIC-BUS - 2702321



Modular gateway Ethernet head station with Modbus TCP, HART IP, FDT/DTM. Supports five expansion modules.
