

EM-PB-GATEWAY-IFS

Order No.: 2297620



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The PROFIBUS module EM-PB-GATEWAY-IFS, certified as per DPV1 specification (EN 50170), connects up to 32 motor management modules (EMM-...IFS) or other INTERFACE system devices via the TBUS DIN rail connector.



Commercial data

GTIN (EAN)	 4 046356 319652
sales group	G472
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 152 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
01/15/2009



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Technical data

Serial interface

Interface 1	IFS interface
Type of connection	TBUS
Interface 2	PROFIBUS DP

Type of connection	D-SUB-9
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section AWG/kcmil max	12
Conductor cross section AWG/kcmil min.	24

Digital inputs

Input name	Digital inputs
	Input data
Number of inputs	4
Nom. voltage	24 V DC ± 20 %
	24 V DC -20 % ... +25 %
Nominal input current at U _{IN}	3 mA
	85 mA
Protective circuit	Polarity protection, surge protection
	Polarity protection, surge protection

Digital outputs

Output name	Switching outputs
Number of outputs	4
Maximum switching voltage	23 V DC (U _B - U _{resid.} of the output)
Max. switching current	500 mA
Residual voltage	1 V
Protective circuit	Parallel protection against polarity reversal, pay attention to the fuse
Type of connection	COMBICON

Power supply

Nominal supply voltage	24 V DC -20 % ... +25 % (U _{op})
Typical current consumption	85 mA

General data

Operating mode	100% operating factor
Width	22.5 mm
Height	99 mm
Depth	114.5 mm

Ambient temperature (storage/transport)	-35 °C ... 80 °C
Ambient temperature (operation)	-35 °C ... 50 °C
Test voltage data interface/power supply	1.5 kV
Standards/regulations	EN 50178
Insulation voltage PROFIBUS side / equipment electronics	1.5 kV
Degree of protection	IP20
Mounting position	Any
Color	green

Certificates / Approvals



Certification

CUL Listed, UL Listed

Accessories

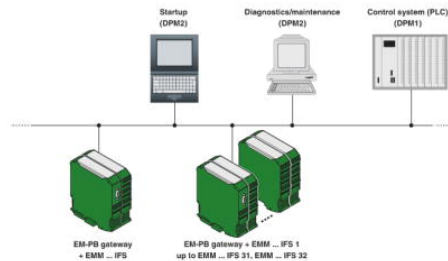
Item	Designation	Description
General		
2901103	IFS-CONFSTICK-L	Multi-functional memory block with handle for the INTERFACE system; for easy storage and back up of the configuration. (EMM...IFS firmware Version 1.04 or later)
2707437	ME 22,5 TBUS 1,5/ 5-ST-3,81 GN	DIN rail connector for current transducers, gold-plated contacts, for DIN rail mounting, 5-pos.

Additional products

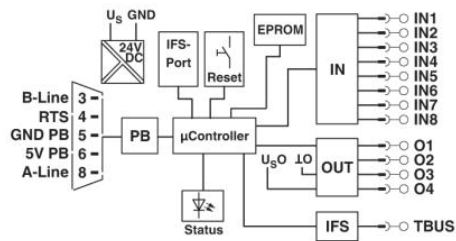
Item	Designation	Description
Cable/conductor		
2811271	IFS-USB-PROG-ADAPTER	Programming adapter with USB interface, for programming with the IFS-CONF, MACX-MCR-CONF and UPS-CONF software

Diagrams/Drawings

Application drawing



Block diagram



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