

Repeater - FB-DP-RPTR/SC - 2316374

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PROFIBUS DP interface/repeater module with oscilloscope functionality

Product Description

PROFIBUS DP repeater expansion module for the PROFIBUS DP/PA coupler system

Why buy this product

- Oscilloscope and bar graph functionality
- Automatic detection of baud rate up to 12 Mbps
- Integrated switchable terminator
- Supported protocols: DP-V0, V1, V2, FDL, MPI, FMS and Profisafe
- No bus addressing of device required

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85176200
Country of origin	Netherlands

Technical data

Dimensions

Width	25 mm
Height	100 mm
Depth	132 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C

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Technical data

Ambient conditions

Degree of protection	IP20
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General

Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Net weight	285.6 g
Color	green
UL, USA/Canada	UL 508 Listed

Power supply

Max. current consumption	555 mA
Typical current consumption	400 mA
Connection method	Bus base module
Conductor cross section flexible max.	2.50 mm ²
Conductor cross section flexible min.	0.20 mm ²
Conductor cross section solid max.	2.50 mm ²
Conductor cross section solid min.	0.20 mm ²
Conductor cross section AWG max.	12
Conductor cross section AWG min.	24

Serial interface

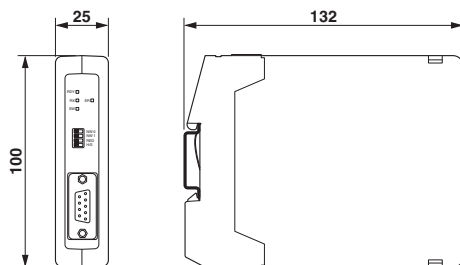
Interface 1	PROFIBUS DP
Termination resistor	390 Ω - 220 Ω - 390 Ω (switchable)

Standards and Regulations

UL, USA/Canada	UL 508 Listed
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Drawings

Dimensional drawing



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Classifications

eCl@ss

eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604

UNSPSC

UNSPSC 13.2	32151602
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Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cULus Listed			
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