

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

Product Features

- 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 pc
Weight per Piece (excluding packing)	1.0 g
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
Degree of protection	IP20

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

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Technical data

General

Net weight	222 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)

Classifications

eCl@ss

eCl@ss 5.1	27242208
eCl@ss 6.0	27242208

Drawings

Dimensional drawing

