

Repeater - FB-DP-RPTR/SC - 2316374

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
GTIN	 4 055626 021508
GTIN	4055626021508

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

Repeater - FB-DP-RPTR/SC - 2316374

Technical data

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

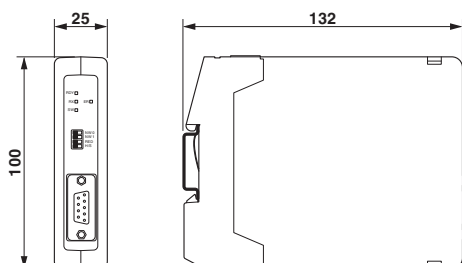
UL, USA/Canada	UL 508 Listed
----------------	---------------

Environmental Product Compliance

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

Drawings

Dimensional drawing



Approvals

Approvals

Repeater - FB-DP-RPTR/SC - 2316374




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

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>