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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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 <sup>2</sup>
Conductor cross section flexible min.	0.20 mm <sup>2</sup>
Conductor cross section solid max.	2.50 mm <sup>2</sup>
Conductor cross section solid min.	0.20 mm <sup>2</sup>
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

