

FB-PA/SC - Repeater

2316375

<https://www.phoenixcontact.com/us/products/2316375>



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PROFIBUS PA interface module with oscilloscope



Commercial data

Item number	2316375
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN11
Product key	DNC135
GTIN	4055626021515
Weight per piece (including packing)	311.3 g
Weight per piece (excluding packing)	281 g
Customs tariff number	85176200
Country of origin	NL

Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Device coupler
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Electrical properties

Supply

Supply voltage range	Supplied via backplane
Max. current consumption	12 mA

Connection data

Supply

Connection method	Bus base module
Conductor cross-section, flexible	0.20 mm ² ... 2.50 mm ²
Conductor cross-section, rigid	0.20 mm ² ... 2.50 mm ²
Conductor cross-section AWG	24 ... 12

Dimensions

Width	25 mm
Height	100 mm
Depth	132 mm

Material specifications

Color	green
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Altitude	2000 m
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

Approvals

Conformity/Approvals

UL, USA / Canada	UL 508 Listed
UL, Canada	CSA C22.2 No. 142

Standards and regulations

Standards/regulations

Standards/regulations	Ring wave noise immunity in acc. with IEC 61000-4-12
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Standards/regulations

Standards/regulations	Dry heat in acc. with IEC 61131-2
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Standards/regulations

Standards/regulations	Damp heat in acc. with IEC 61131-2
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Standards/regulations

Standards/regulations	Shock and vibration in acc. with EN 61131-2 and EN 50178
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PROFIBUS standardization

Standards/regulations	IEC 61158-2
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Mounting

Mounting type	DIN rail: 35 mm
Mounting position	on horizontal DIN rail NS 35 in acc. with EN 60715

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Classifications

ECLASS

ECLASS-13.0

27242608

ETIM

ETIM 9.0

EC001604

UNSPSC

UNSPSC 21.0

32151600

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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