

FB-MM-FO/ST - FO converters



1074671

<https://www.phoenixcontact.com/us/products/1074671>

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Multi-mode fiber optic converter to be used with the FB-HSB-DP/PA station. These fiber optic modules provide longer distances between FB-HSB-DP/PA stations, reduce noise, allow multiple topologies, as well as ring redundancy.

Your advantages

- Longer distances up to 5 km cable length
- Multi-mode
- Provides ring, point-to-point, and line topologies
- Noise reduction

Commercial data

Item number	1074671
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN11
Product key	DNC135
GTIN	4055626775265
Weight per piece (including packing)	272 g
Weight per piece (excluding packing)	157 g
Customs tariff number	85176200
Country of origin	NL

Technical data

Product properties

Product type	Media converter
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Dimensions

Width	25 mm
Height	110 mm
Depth	115 mm

Material specifications

Color	green
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Cable/line

FO cable

Fiber types	50/125 µm
	62.5/125 µm
	Fiberglass

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
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

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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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Approvals

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UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	19170411
ECLASS-12.0	19170411
ECLASS-13.0	19170411

ETIM

ETIM 8.0	EC001467
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UNSPSC

UNSPSC 21.0	43223323
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Accessories

FB-HSB-DP/PA - Converter

2316370

<https://www.phoenixcontact.com/us/products/2316370>



PROFIBUS DP to PROFIBUS PA coupler system for integration and diagnostics of PROFIBUS PA in PROFIBUS DP. Includes the one-network head station unit (FB-HSB), PROFIBUS DP repeater (FB-DP-RPTR), and PROFIBUS PA interface module with oscilloscope functionality.

FB-HSA - Converter

2316372

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Head station for basic system functionality, no monitoring of PROFIBUS networks

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FB-HSB - Converter

2316379

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Head station for monitoring one PROFIBUS network

FB-HSC - Converter

2316371

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Head station for monitoring up to four PROFIBUS networks

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