

FB-SM-FO/ST - FO converters



1086569

<https://www.phoenixcontact.com/us/products/1086569>

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 documentation. Our general terms of use for downloads are valid.



Single-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
- Singlemode
- Provides ring, point-to-point, and line topologies
- Noise reduction

Commercial data

Item number	1086569
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN11
Product key	DNC135
GTIN	4055626879277
Weight per piece (including packing)	272 g
Weight per piece (excluding packing)	157 g
Customs tariff number	85176200
Country of origin	NL

Technical data

Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

Product properties

Product type	Media converter
--------------	-----------------

Dimensions

Width	25 mm
Height	110 mm
Depth	115 mm

Material specifications

Color	green
-------	-------

Cable/line

FO cable

Fiber types	9/125 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
-----------------------	--

Standards/regulations

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

Standards/regulations

FB-SM-FO/ST - FO converters



1086569

<https://www.phoenixcontact.com/us/products/1086569>

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

Standards/regulations

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

PROFIBUS standardization

Standards/regulations	IEC 61158-2
-----------------------	-------------

Mounting

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

FB-SM-FO/ST - FO converters

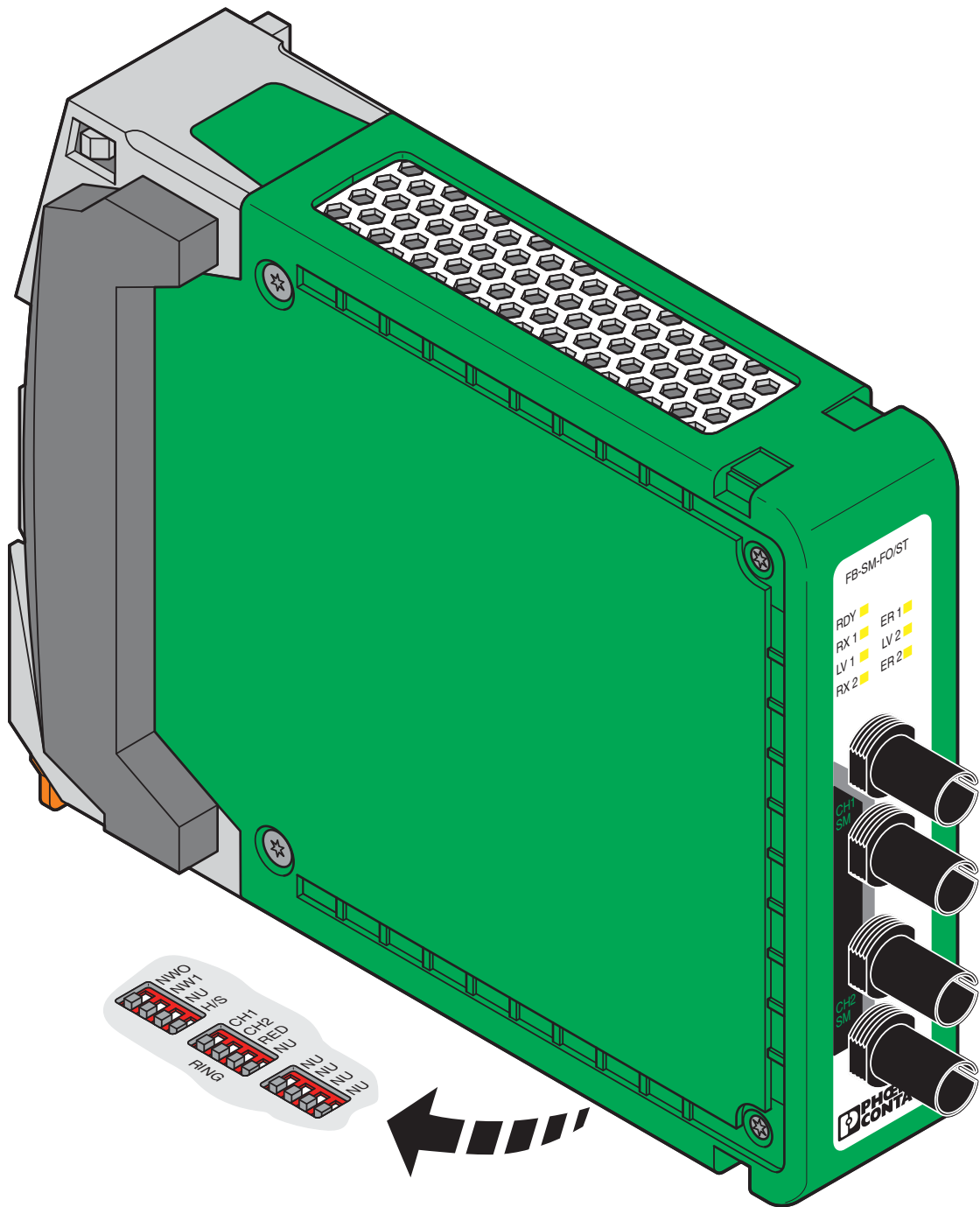
1086569

<https://www.phoenixcontact.com/us/products/1086569>



Drawings

Product drawing



FB-SM-FO/ST - FO converters



1086569

<https://www.phoenixcontact.com/us/products/1086569>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1086569>



UL Listed
Approval ID: E238705



cUL Listed
Approval ID: E238705

cULus Listed

FB-SM-FO/ST - FO converters



1086569

<https://www.phoenixcontact.com/us/products/1086569>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001467
----------	----------

UNSPSC

UNSPSC 21.0	43223323
-------------	----------

FB-SM-FO/ST - FO converters

1086569

<https://www.phoenixcontact.com/us/products/1086569>



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-HSB - Converter

2316379

<https://www.phoenixcontact.com/us/products/2316379>



Head station for monitoring one PROFIBUS network

FB-SM-FO/ST - FO converters

1086569

<https://www.phoenixcontact.com/us/products/1086569>



FB-HSA - Converter

2316372

<https://www.phoenixcontact.com/us/products/2316372>



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

FB-HSC - Converter

2316371

<https://www.phoenixcontact.com/us/products/2316371>



Head station for monitoring up to four PROFIBUS networks

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com