

Front adapters - FLKM 14-PA-MODI/M340 - 2903208


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>)



VARIOFACE front adapter, for Schneider Electric Modicon M340



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 724005
GTIN	4046356724005
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Note

Type of note	Notes on operation
Note	Do not connect adjacent channels to SELV/ PELV and voltages dangerous to the touch.
Type of note	Notes on operation
Note	At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying suitable measures (e. g. partition plates).

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Maximum altitude	≤ 2000 m

Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Technical data

Ambient conditions

Degree of protection	IP00
	≥ IP54 (Installation location)

General

Max. permissible operating voltage	25 V AC
	60 V DC
Max. permissible current	1 A (per path)
Max. permissible total current	3 A (per system cable when supplying from the module side)
	10 A (When supplying via the front adapter)
Mounting position	any
Assembly instructions	In rows with zero spacing
Nominal operating mode	100% operating factor

Standards and Regulations

Connection in acc. with standard	CUL
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Connection data

Connection name	Field level
Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Pitch	2.54 mm

Connection data 2

Connection name	Supply
Connection method	Push-in spring connection
Stripping length	10 mm
Number of connections	1
Number of positions	2
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 14

Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Technical data

Connection data 2

Pitch	5 mm
-------	------

Connection data 3

Connection name	Fixing to IO cards
Connection method	Screw connection
Torque	0.4 Nm

Supported controller

Controller	Schneider Electric Modicon M340
- suitable I/O card	BMX DDI 1602
	BMX DDI 1603
	BMX DAI 1602
	BMX DAI 1603
	BMX DDO 1602
	BMX DDO 1612

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

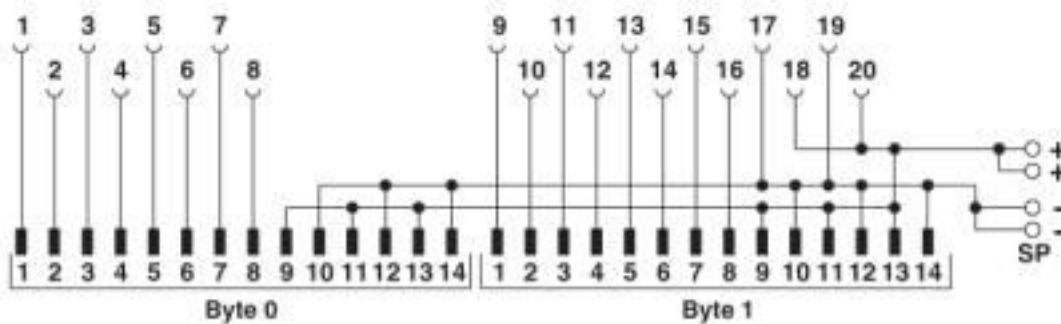
Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Connection diagram

Contacts Front adapter/ controller	Plug-in connector (byte 0)	Plug-in connector (byte 1)
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9		1
10		2
11		3
12		4
13		5
14		6
15		7
16		8
17	10,12,14 (-)	10,12,14 (-)
18	9,11,13 (+)	9,11,13 (+)
19	10,12,14 (-)	10,12,14 (-)
20	9,11,13 (+)	9,11,13 (+)

Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Circuit diagram



Connection scheme FLKM 14-PA-MODI/M340

Classifications

eCl@ss

eCl@ss 10.0.1	27242292
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27242200
eCl@ss 5.1	27242200
eCl@ss 6.0	27249200
eCl@ss 7.0	27249290
eCl@ss 8.0	27249290
eCl@ss 9.0	27242292

ETIM

ETIM 4.0	EC002584
ETIM 5.0	EC002584
ETIM 6.0	EC002584
ETIM 7.0	EC002584

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	32151601
UNSPSC 18.0	32151601
UNSPSC 19.0	32151601
UNSPSC 20.0	32151601

Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Classifications

UNSPSC

UNSPSC 21.0	32151601
-------------	----------

Approvals


Approvals


Approvals


CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	70019739
Nominal voltage UN		50 V	
Nominal current IN		1 A	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		50 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		50 V	

EAC		RU C-DE.A*30.B.01742
-----	---	----------------------

Front adapters - FLKM 14-PA-MODI/M340 - 2903208

Approvals

cULus Recognized

