

## 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)	95.940 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Note

Note	Do not connect adjacent channels to SELV/ PELV and voltages dangerous to the touch.
	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
Degree of protection	IP00
	≥ IP54 (Installation location)

#### General

Max. permissible operating voltage	25 V AC
------------------------------------	---------

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

### Technical data

#### General

	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 <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 14
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
------------	---------------------------------

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

### Technical data

#### Supported controller

- 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
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

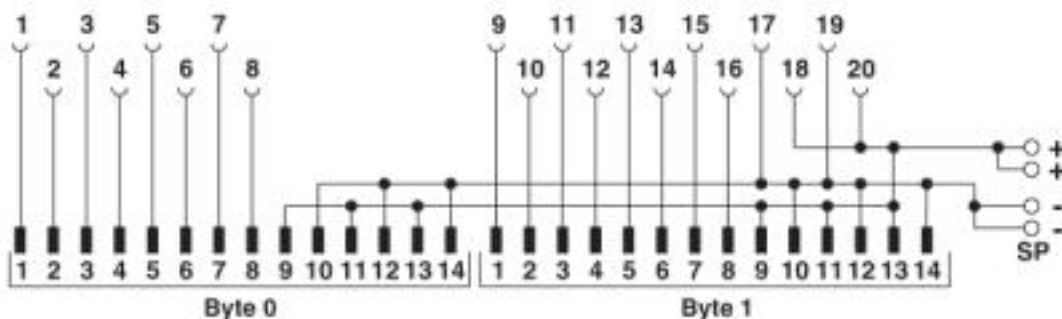
### Drawings

# 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 (+)

Circuit diagram



Connection scheme FLKM 14-PA-MODI/M340

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

## Classifications

### eCl@ss

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
UNSPSC 21.0	32151601

## Approvals

### Approvals

---

#### Approvals

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

---


#### Ex Approvals


---


### Approval details


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


### Approvals

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	70019739
Nominal voltage UN		50 V	
Nominal current IN		1 A	

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

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

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

cULus Recognized	
------------------	-------------------------------------------------------------------------------------