

FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/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 documentation. Our general terms of use for downloads are valid.

VARIOFACE front adapter, for Schneider Electric Modicon M340



Commercial data

Item number	2903208
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK231F
GTIN	4046356724005
Weight per piece (including packing)	85.3 g
Weight per piece (excluding packing)	88.5 g
Customs tariff number	85369010
Country of origin	DE

FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/2903208>

Technical data

Product properties

Product type	Front adapter
Product family	VARIOFACE

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Voltage supply via IDC/FLK)	≤ 3 A
Current (Voltage supply via Push-in connection)	≤ 10 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

Supported 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

Connection data

Connection 1 (control level)

Connection method	Plug-in connection
Number of connections	2
Number of positions	10
Pitch	7.5 mm

Connection 2 (field level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/2903208>

Connection 3 (supply)

Connection method	Push-in spring connection
Stripping length	10 mm
Number of connections	1
Number of positions	4
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
	0.25 mm ² ... 2.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1 mm ² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.5 mm ² ... 1 mm ² (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Pitch	5 mm

Dimensions

Item dimensions

Width	31.9 mm
Height	86.26 mm
Depth	54.1 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
-----------------------	----------------

Mounting

Mounting type	Plug-in mounting
Mounting position	any

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
--------------------	--

Drawings

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 (+)

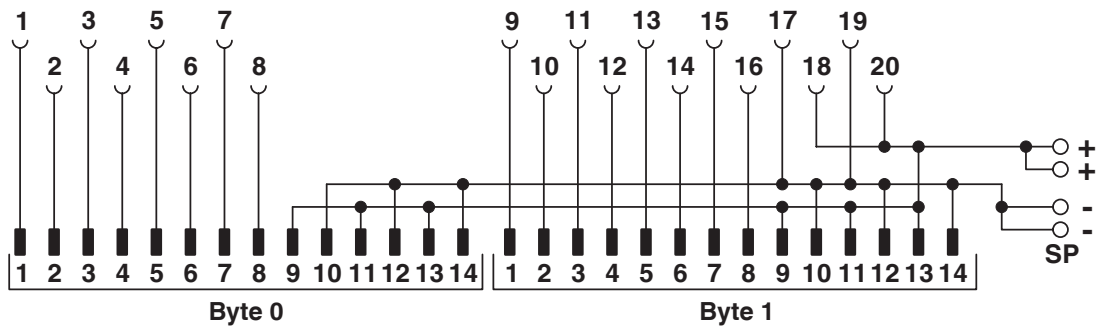
FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/2903208>

Circuit diagram



Connection scheme FLKM 14-PA-MODI/M340

FLKM 14-PA-MODI/M340 - Front adapter





2903208

<https://www.phoenixcontact.com/us/products/2903208>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903208>

 CSA Approval ID: 70019739				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	50 V	1 A	-	-

 cUL Recognized Approval ID: E238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	50 V	-	-	-

 UL Recognized Approval ID: E238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	50 V	-	-	-

FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/2903208>

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

ETIM 10.0	EC002584
-----------	----------

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

FLKM 14-PA-MODI/M340 - Front adapter



2903208

<https://www.phoenixcontact.com/us/products/2903208>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I

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.)	Lead(CAS: 7439-92-1)
SCIP	c2830943-02dc-43ca-992c-55eae5a4f2ef

Phoenix Contact 2026 © - 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