

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

RoHS

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356724005 |

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 |
| Degree of protection | IP00 |
| | ≥ IP54 (Installation location) |

General

| | |
|------------------------------------|---------|
| Max. permissible operating voltage | 25 V AC |
| | 60 V DC |

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

Technical data

General

| | |
|--------------------------------|--|
| 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 |
| 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 |

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

Technical data

Supported controller

| | |
|--|--------------|
| | 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" |

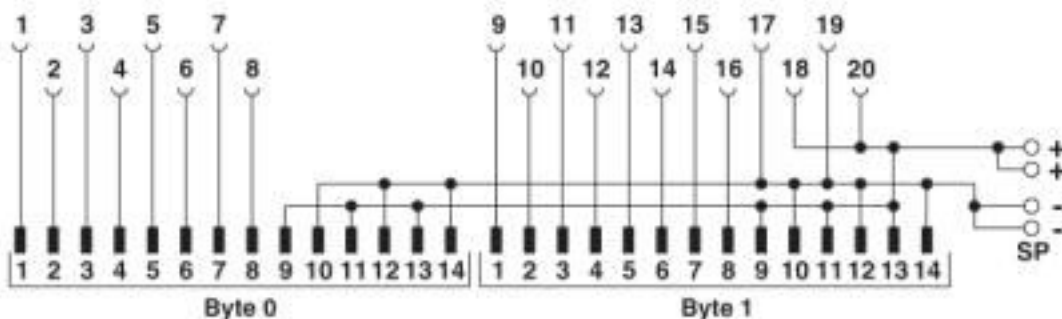
Drawings

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 (+) |

Circuit diagram



Connection scheme FLKM 14-PA-MODI/M340

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

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 |
| 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 |  | 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 |
|-----|---|--------------------------|

| | |
|------------------|---|
| cULus Recognized |  |
|------------------|---|

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Terminal Block Interface Modules](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[73-551-6002I](#) [GCN1MX25B](#) [DIN-50P-01](#) [DIN-68H-01](#) [DIN-96DI-01](#) [2291901](#) [2295185](#) [2907794](#) [2M10FCL](#) [FLKM-2I/O](#) [FLKM-4I/O](#)
[2281759](#) [2906251](#) [2907808](#) [5601749](#) [5541962](#) [1776613-1](#) [GCN1-004A](#) [ADAM-3920R-AE](#) [060-6827-06](#) [2311030](#) [2287708](#) [XW2C-20G6-](#)
[IO16](#) [GCN1-T](#) [MACX](#) [MCR-VAC](#) [5775235](#) [ADAM-3956-BE](#) [XW6T-COM2.5X20YL](#) [XW6T-COM1.5X8BL](#) [XW6T-COM1.5X16BL](#)
[XW6T-COM1.5X20YL](#) [XW6T-COM1.5X16YL](#) [XW6T-COM1.5X20RD](#) [XW6T-COM1.5X20BL](#) [XW6T-COM2.5X8BL](#) [1976610000](#) [UM](#)
[45-D50SUB/B/ZFKDS](#) [5541234](#) [410-261](#) [2906243](#) [2906915](#) [2907706](#) [ADAM-3909-AE](#) [ADAM-3920-AE](#) [ADAM-3925-AE](#) [ADAM-3937-](#)
[BE](#) [ADAM-3950-AE](#) [ADAM-3951-BE](#) [ADAM-3968-AE](#) [ADAM-3968/50-AE](#)