

Front adapters - FLKM 50-PA-AB/1756/EXTC - 2302735

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 adapters, for Allen Bradley ControlLogix and Honeywell PlantScape, max. 1 x 32 channels can be connected. The front adapters are pushed into the high 1756-TBE hoods (not supplied as standard).



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 60.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

General

| | |
|--------------------------|--|
| Nominal voltage U_N | < 50 V AC |
| | 60 V DC |
| Max. permissible current | 1 A (per path) |
| | 8 A (per connection, supply via separate power supply) |
| Mounting position | any |
| Degree of protection | IP00 |
| Standards/regulations | DIN EN 50178 |
| | IEC 60664 |
| | IEC 62103 |
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (Functional insulation) |
| Degree of pollution | 2 |

Front adapters - FLKM 50-PA-AB/1756/EXTC - 2302735

Technical data

General

| | |
|----------------------|----|
| Overvoltage category | II |
|----------------------|----|

Connection data 1

| | |
|---------------------------------|------------------|
| Connection name | Controller level |
| Channels which can be connected | 32 |

Connection data 2

| | |
|-----------------------|-----------------------------|
| Connection name | Field level |
| Connection method | IDC/FLK pin strip (2.54 mm) |
| Number of connections | 1 |
| Number of positions | 50 |

Connection data 3

| | |
|----------------------------------|--|
| Connection name | Supply |
| Connection method | Screw connection |
| Conductor cross section solid | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross section AWG | 28 ... 16 |

Supported controller

| | |
|---------------------|-----------------------------|
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IA16I |
| | 1756-IB16D |
| | 1756-IB16I |
| | 1756-IH16I |
| | 1756-OB32 |
| | 1756-IF8 |
| | 1756-IF16 |
| | 1756-HSC |
| | 1756-M02AE |
| | 1756-IF8H |
| Controller | HONEYWELL Experion PKS C200 |
| - suitable I/O card | TC-IDJ 161 |
| | TC-IDX 161 |
| | TC-IDK 161 |
| | TC-ODD 321 |
| | TC-IAH 161 |

Standards and Regulations

| | |
|----------------------------------|-----|
| Connection in acc. with standard | CUL |
|----------------------------------|-----|

Front adapters - FLKM 50-PA-AB/1756/EXTC - 2302735

Technical data

Standards and Regulations

| | |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
| | IEC 60664 |
| | IEC 62103 |
| Degree of pollution | 2 |
| Overvoltage category | II |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27242208 |
| eCl@ss 7.0 | 27242208 |
| eCl@ss 8.0 | 27249205 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001423 |
| ETIM 3.0 | EC001423 |
| ETIM 4.0 | EC001423 |
| ETIM 5.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Front adapters - FLKM 50-PA-AB/1756/EXTC - 2302735

Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized

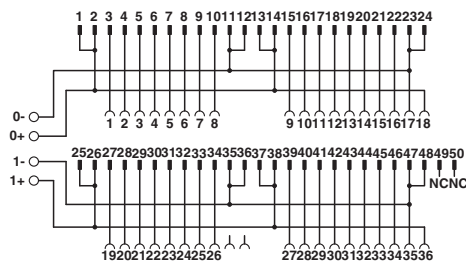
cUL Recognized

EAC

cULus Recognized

Drawings

Circuit diagram



Connection scheme: FLKM 50-PA-AB/1756/EXTC