

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


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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).

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 910488
GTIN	4017918910488
Weight per Piece (excluding packing)	60.000 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.
	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
	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 ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	≤ 2000 m

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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)
	8 A (per connection, supply via separate power supply)
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 between the power circuits
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	Controller level
Channels which can be connected	32

Connection data 2

Connection name	Field level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

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

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Technical data

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

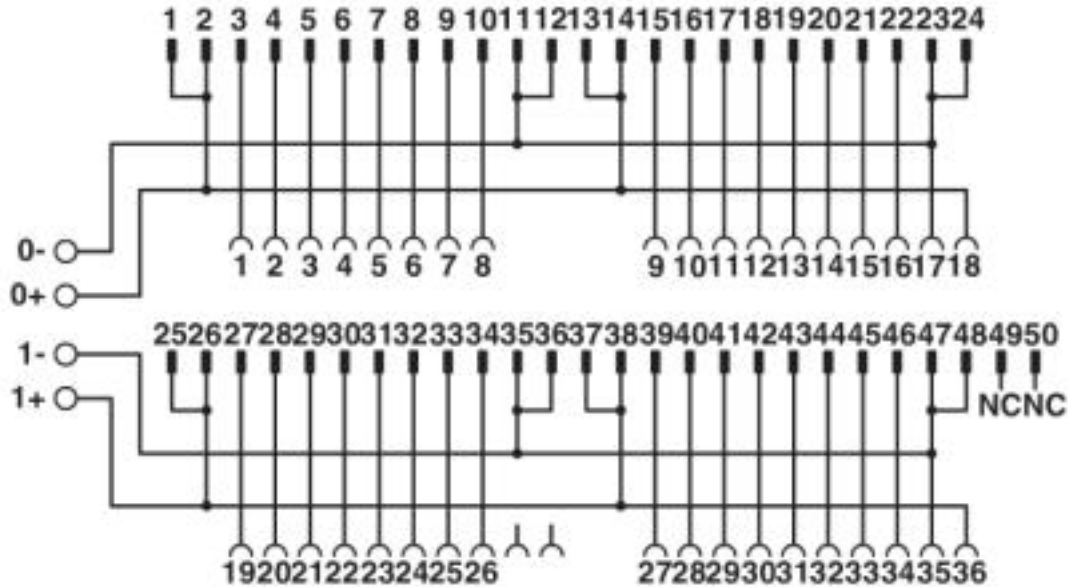
Environmental Product Compliance

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

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Circuit diagram



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

Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
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	39121421

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Classifications

UNSPSC

UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	32151601

Approvals


Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approval details


UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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Nominal voltage UN	125 V
Nominal current IN	1 A

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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Nominal voltage UN	125 V
Nominal current IN	1 A

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