

FLKM 50-PA-AB/1756 - Front adapter

2296427

<https://www.phoenixcontact.com/us/products/2296427>

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VARIOFACE front adapters, for ControlLogix, max. 1 x 32 channels can be connected, number of positions 50.

The front adapters **cannot** be pushed into a hood!

The figure shows front adapter for Allen Bradley in design Control-Logix and Honeywell Plant-Scape

Commercial data

Item number	2296427
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK231R
GTIN	4017918584368
Weight per piece (including packing)	67.3 g
Weight per piece (excluding packing)	39.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Front adapter
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Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 60 V DC
Current (Per path)	≤ 1 A
Current (per connection)	≤ 8 A (Feed-in via separate power supply)

Supported 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

Supported controller: HONEYWELL Experion PKS C200

Suitable I/O card	TC-IDJ 161
	TC-IDX 161
	TC-IDK 161
	TC-ODD 321
	TC-IAH 161

Connection data

Field level

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

Supply

Connection method	Screw connection
Conductor cross-section rigid	0.14 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross-section AWG	26 ... 16

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Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
	DIN VDE 0160 (in parts)

Mounting

Mounting position	any
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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.
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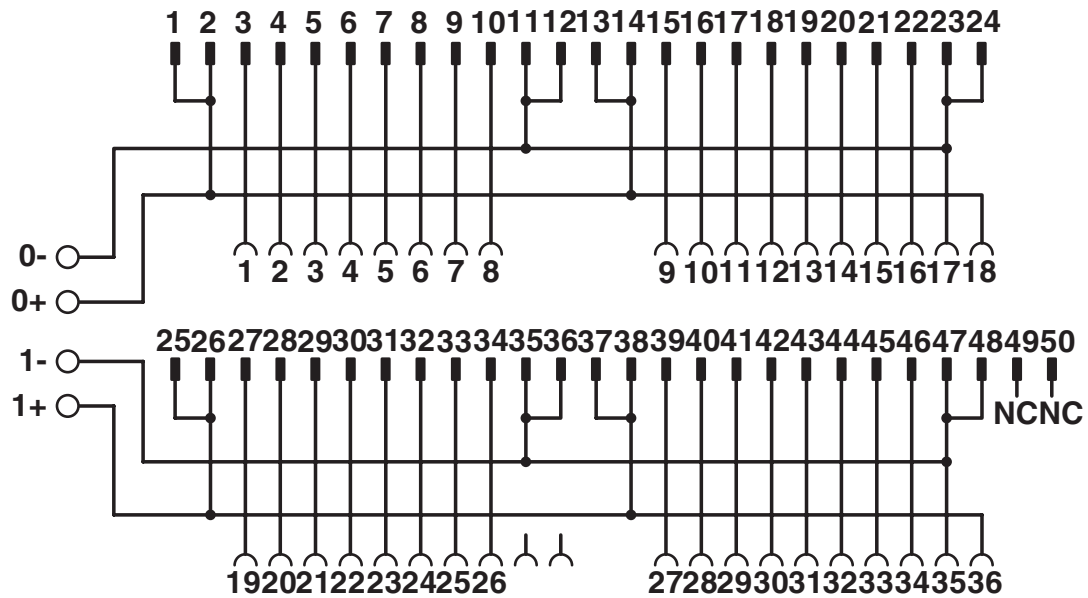


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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27242292
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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.)	No substance above 0.1 wt%
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