

# FLKM 14-PA-AB/1756/IN/EXTC - Front adapter



2302874

<https://www.phoenixcontact.com/sg/products/2302874>

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VARIOFACE front adapter, for Allen Bradley ControlLogix and Honeywell PlantScape, input card IA 16, IB 16, IC 16, IN 16.  
The front adapters are pushed into the high 1756-TBE hoods (not supplied as standard).

## Commercial data

Item number	2302874
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	0860*
Product key	CK2111
Catalog page	Page 471 (C-5-2019)
GTIN	4017918917531
Weight per piece (including packing)	59.5 g
Weight per piece (excluding packing)	31.5 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Front adapter
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#### Insulation characteristics

Insulation	Functional insulation
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#### Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 1 A

#### Air clearances and creepage distances between the power circuits

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

#### Supported controller ALLEN-BRADLEY ControlLogix

Suitable I/O card	1756-IN16
	1756-IA16
	1756-IB16
	1756-IC16

#### Supported controller HONEYWELL Experion PKS C200

Suitable I/O card	TC-IDA 161
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### Connection data

#### Field level

Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Pitch	2.54 mm

#### Supply

Connection method	Screw connection
Conductor cross section rigid	0.14 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	28 ... 16

### Dimensions

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## Item dimensions

Width	104.9 mm
Height	33 mm
Depth	40.84 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances between the power circuits

Standards/regulations	DIN EN 50178
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## Mounting

Assembly note	in rows with zero spacing
Mounting position	any

## Notes

Notes on operation	Do not connect adjacent channels to SELV/ PELV and voltages dangerous to the touch.
Notes on operation	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
Notes on operation	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).
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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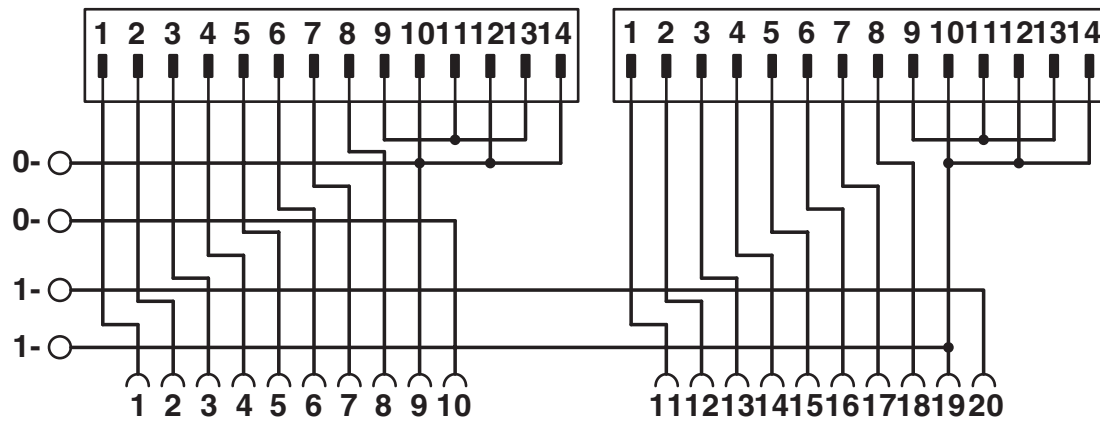


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## Drawings

Circuit diagram



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## Classifications

### ECLASS

ECLASS-11.0	27242292
ECLASS-13.0	27242292

### ETIM

ETIM 8.0	EC002584
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### UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
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)