FLKM 14-PA-ET200SP - Front adapter

1166173

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VARIOFACE front adapter for Siemens SIMATIC® ET200SP, with a 14-pos. FLK/IDC male strip, max. 8 channels can be connected

Commercial data

Item number	1166173
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK231S
GTIN	4063151180829
Weight per piece (including packing)	27.7 g
Weight per piece (excluding packing)	35 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Front adapter
Product family	VARIOFACE

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Voltage supply via IDC/FLK)	≤ 3 A
Current (Voltage supply via Push-in connection)	≤ 8 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 µs)

Supported controller: SIEMENS ET 200SP

Suitable base unit	6ES7193-6BP00-0BA0
	6ES7193-6BP00-2BA0
	6ES7193-6BP00-0DA0
	6ES7193-6BP00-2DA0
Suitable I/O module	6ES7131-6BF01-0BA0 (Base Units A0/A1)
	6ES7131-6BF01-2BA0 (Base Units A0/A1)
	6ES7131-6BF01-0AA0 (Base Units A0/A1)
	6ES7131-6BF01-2AA0 (Base Units A0/A1)
	6ES7131-6BF60-0AA0 (Base Units A0/A1)
	6ES7131-6BF00-0CA0 (Base Units A0/A1)
	6ES7131-6BF00-0DA0 (Base Units A0/A1)
	6ES7132-6BF01-0BA0 (Base Units A0/A1)
	6ES7132-6BF01-2BA0 (Base Units A0/A1)
	6ES7132-6BF01-0AA0 (Base Units A0/A1)
	6ES7132-6BF01-2AA0 (Base Units A0/A1)
	6ES7132-6BF61-0AA0 (Base Units A0/A1)
	6ES7132-6BF01-0CA0 (Base Units A0/A1)

Connection data

Connection 1 (control level)

Connection method	Plug-in connection

Number of connections	1
Number of positions	18

Connection 2 (field level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 3 (supply)

Connection method	Push-in spring connection
Stripping length	9 mm
Number of connections	1
Number of positions	2
Conductor cross-section rigid	0.14 mm² ... 1.5 mm²
Conductor cross-section flexible	0.14 mm² ... 1.5 mm²
	0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 0.75 mm² (Ferrule with plastic sleeve)
Conductor cross-section AWG	26 ... 16
Pitch	3.81 mm

Dimensions

Item dimensions

Width	14.9 mm
Height	52.95 mm
Depth	48.99 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Approvals

UL, USA/Canada

Identification	UL 508 Recognized

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1

Mounting

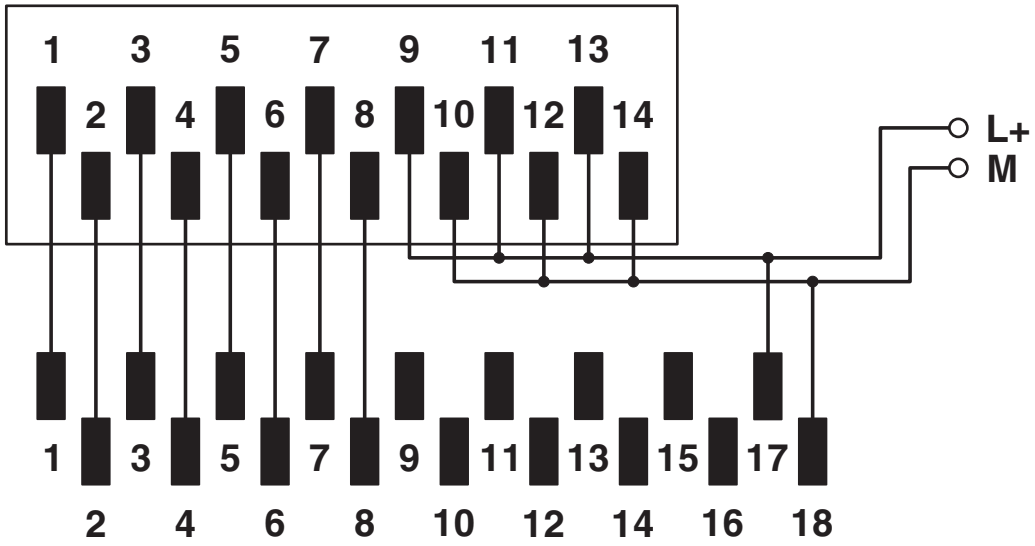
Mounting type	Plug-in mounting
Mounting position	any

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.

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1166173

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

ETIM 10.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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