

FLKM-PA-D37/ETHA - Front adapter



1076338

<https://www.phoenixcontact.com/us/products/1076338>

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VARIOFACE front adapter for Siemens SIMATIC® ET 200SP HA, with a 37-pos. D-SUB male strip for digital 24 V DC and analog peripheral modules, max. 32 channels can be connected

Commercial data

Item number	1076338
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK231S
Catalog page	Page 512 (C-5-2019)
GTIN	4055626783543
Weight per piece (including packing)	77.6 g
Weight per piece (excluding packing)	80 g
Customs tariff number	85366990
Country of origin	DE

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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 (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Voltage supply via D-SUB)	≤ 2 A
Current (Voltage supply via screw connection)	≤ 10 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 HA

Suitable terminal block	6DL1193-6TP00-0BH1
	6DL1193-6TP00-0DH1
	6DL1193-6TP00-0BM1
	6DL1193-6TP00-0DM1
Suitable I/O module	6DL1131-6BH00-0PH1 (Terminal Block H1/M1)
	6DL1131-6BL00-0PH1 (Terminal Block H1/M1)
	6DL1131-6TH00-0PH1 (Terminal Block H1/M1)
	6DL1132-6BH00-0PH1 (Terminal Block H1/M1)
	6DL1132-6BL00-0PH1 (Terminal Block H1/M1)
	6DL1133-6EW00-0PH1 (Terminal Block H1/M1)
	6DL1134-6JH00-0PH1 (Terminal Block H1/M1)
	6DL1134-6TH00-0PH1 (Terminal Block H1/M1)
	6DL1135-6TF00-0PH1 (Terminal Block H1/M1)

Connection data

Connection 1 (control level)

Connection method	Plug-in connection
Number of positions	36

Connection 2 (field level)

Connection in acc. with standard	IEC 60807-2
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Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	37
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

Connection 3 (supply)

Connection method	Screw connection
Stripping length	10 mm
Number of connections	1
Number of positions	3
Conductor cross section rigid	0.34 mm ² ... 2.5 mm ²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm ² ... 1 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
	0.25 mm ² ... 2.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 2.5 mm ² (Ferrule with plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section)	0.2 mm ² ... 1.5 mm ²
	0.25 mm ² ... 1 mm ² (Ferrule without plastic sleeve)
	0.5 mm ² ... 1.5 mm ² (TWIN ferrule with plastic sleeve)
Conductor cross section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Dimensions

Item dimensions

Width	88.56 mm
Height	22 mm
Depth	55.94 mm

Environmental and real-life conditions

Ambient conditions

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

Approvals

UL, USA/Canada

Identification	UL 508 Recognized
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Standards and regulations

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Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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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.
Assembly note	Once plugged in, the front adapter and terminal block form a single unit that can no longer be separated.

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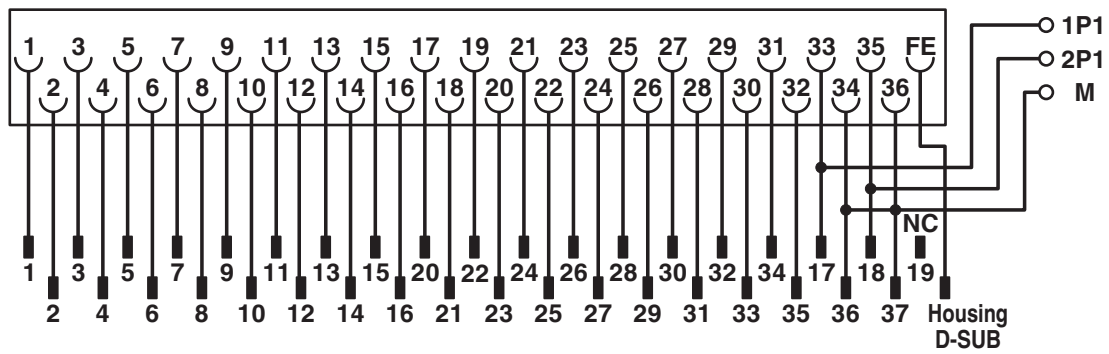


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Drawings

Circuit diagram



Connection scheme: FLKM-PA-D37/ETHA

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1076338>



cUL Recognized
Approval ID: E238705



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Classifications

ECLASS

ECLASS-13.0

27242292

ETIM

ETIM 9.0

EC002584

UNSPSC

UNSPSC 21.0

32151600

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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-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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