

## Front adapters - FLKM-PA-D37/ETHA - 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

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626783543

### Technical data

#### Note

Note	Once plugged in, the front adapter and terminal block form a single unit that can no longer be separated.
	No additional touch protection is required when using a SELV/PELV voltage ( $\leq 25$ V AC or 60 V DC).
	Against adjacent modules in the support rail direction at least one functional insulation on the output-side is complied with. If the application has higher requirements on the insulation (basic insulation or reinforced insulation), then these must be realized through suitable measures (e. g. partition plates).

#### Dimensions

Width	22 mm
Height	89 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	$\leq 2000$ m
Degree of protection	IP00
	$\geq$ IP54 (Installation location)

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## Technical data

### General

Max. permissible operating voltage	25 V AC
	60 V DC
Max. permissible current	1 A (per path)
	2 A (per path 17 and - 18 with operating voltage supply via D-SUB male strip)
	10 A (With operating voltage feed over screw connection)
Mounting position	any
Assembly instructions	In rows with zero spacing
Nominal operating mode	100% operating factor

### Standards and Regulations

Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)
Pollution degree	2
Overvoltage category	II

### Connection data

Connection name	Controller level
Connection method	Plug connection
Number of positions	36

### Connection data 2

Connection name	Field level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	37

### Connection data 3

Connection name	Supply
Connection method	Screw connection
Number of connections	1
Number of positions	3
Conductor cross section solid	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
pluggable	Yes

### Supported controller

Controller	SIEMENS ET200SP HA
- suitable I/O card	6DL1131-6BH00-0PH1
	6DL1131-6TH00-0PH1
	6DL1131-6BL00-0PH1
	6DL1132-6BH00-0PH1

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### Supported controller

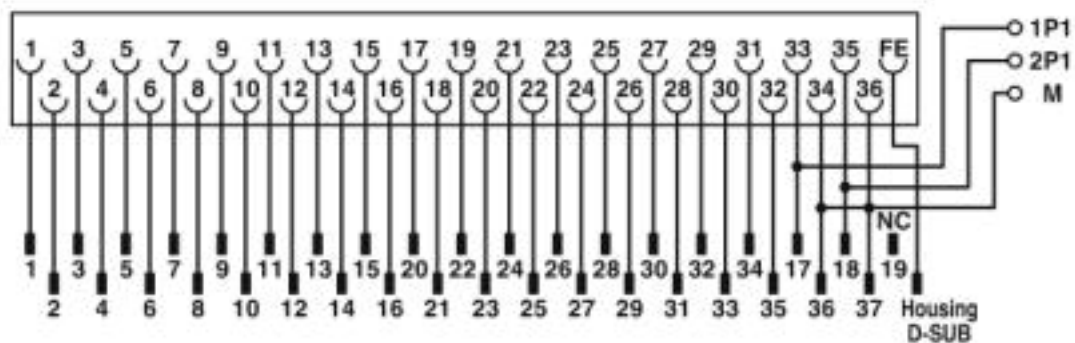
	6DL1132-6BL00-0PH1
	6DL1134-6TH00-0PH1
	6DL1134-6JH00-0PH1
	6DL1135-6TF00-0PH1
- suitable terminal block	6DL1193-6TP00-0BH1
	6DL1193-6TP00-0DH1
	6DL1193-6TP00-0BM1
	6DL1193-6TP00-0DM1

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Circuit diagram



Connection scheme: FLKM-PA-D37/ETHA

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

### Approval details

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### Approvals

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

cUL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

cULus Recognized



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>