

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

Type of note	Assembly instruction:
Note	Once plugged in, the front adapter and terminal block form a single unit that can no longer be separated.
Type of note	Notes on operation
Note	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
Type of note	Notes on operation
Note	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	≤ 2000 m

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Technical data

Ambient conditions

Degree of protection	IP00
	≥ IP54 (Installation location)

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 ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
pluggable	Yes

Supported controller

Controller	SIEMENS ET200SP HA
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Technical data

Supported controller

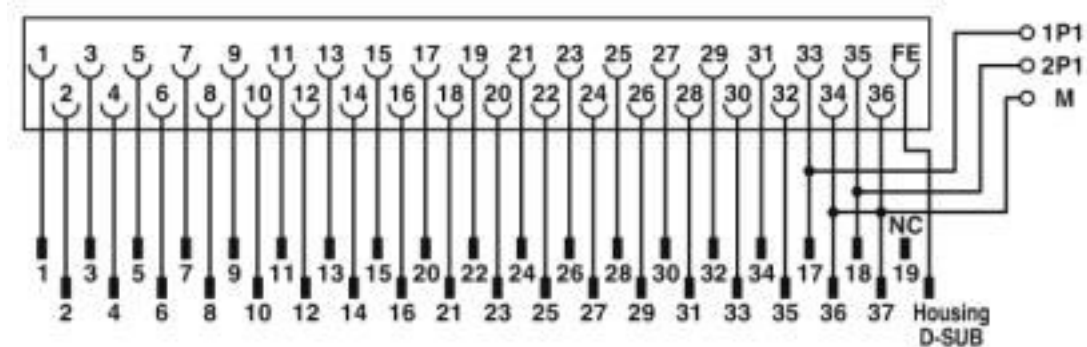
- suitable I/O card	6DL1131-6BH00-0PH1
	6DL1131-6TH00-0PH1
	6DL1131-6BL00-0PH1
	6DL1132-6BH00-0PH1
	6DL1132-6BL00-0PH1
	6DL1134-6TH00-0PH1
	6DL1134-6JH00-0PH1
	6DL1135-6TF00-0PH1
- suitable terminal block	6DL1193-6TP00-0BH1
	6DL1193-6TP00-0DH1
	6DL1193-6TP00-0BM1
	6DL1193-6TP00-0DM1

Environmental Product Compliance

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

Drawings

Circuit diagram



Connection scheme: FLKM-PA-D37/ETHA

Classifications

eCl@ss

eCl@ss 10.0.1	27242292
eCl@ss 8.0	27249290
eCl@ss 9.0	27242292

ETIM

ETIM 5.0	EC002584
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Classifications

ETIM

ETIM 6.0	EC002584
ETIM 7.0	EC002584

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cULus Recognized			
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Accessories

Accessories

Controller board

Interface module - VIP-2/SC/D37SUB/M/ET200SP-HA - 1100967



VARIOFACE module for the SIMATIC ET200SP HA with screw connections and male D-SUB connector, for mounting on NS 35 rails, 37-pos.

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Accessories

Interface module - VIP-2/PT/D37SUB/M/ET200SP-HA - 1100964



VARIOFACE module for the SIMATIC ET200SP HA with push-in connections and male D-SUB connector, for mounting on NS 35 rails, 37-pos.

System cable

Cable - CABLE-D37SUB/B/B/ 100/KONFEK/S - 2305509



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 1 m

Cable - CABLE-D37SUB/B/B/ 200/KONFEK/S - 2305512



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 2 m

Cable - CABLE-D37SUB/B/B/ 300/KONFEK/S - 2305525



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 3 m

Cable - CABLE-D37SUB/B/B/ 400/KONFEK/S - 2900759



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 4 m

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Accessories

Cable - CABLE-D37SUB/B/B/ 600/KONFEK/S - 2900760



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 6 m

Cable - CABLE-D37SUB/B/B/ 800/KONFEK/S - 2900761



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 8 m

Cable - CABLE-D37SUB/B/B/1000/KONFEK/S - 2900762



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 10 m

Cable - CABLE-D37SUB/B/B/1500/KONFEK/S - 2900763



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m

Cable - CABLE-D37SUB/B/B/2000/KONFEK/S - 2900764



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 20 m

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Accessories

Cable - CABLE-D37SUB/B/B/2500/KONFEK/S - 2902074



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 25 m

Cable - CABLE-D37SUB/B/B/3000/KONFEK/S - 2902075



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 30 m

Cable - CABLE-D37SUB/B/B/3500/KONFEK/S - 2902076



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 35 m

Cable - CABLE-D37SUB/B/B/4000/KONFEK/S - 2902077



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 40 m

Cable - CABLE D-SUB-B-B-S/.../.../... - 2302421



Shielded round cable, assembled with two D-SUB female connectors, variable cable length

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Accessories

Cable - CABLE-D37SUB/B/B/HF/S/ 1,0M - 2908516



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 1 m

Cable - CABLE-D37SUB/B/B/HF/S/ 2,0M - 2908517



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 2 m

Cable - CABLE-D37SUB/B/B/HF/S/ 3,0M - 2908518



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 3 m

Cable - CABLE-D37SUB/B/B/HF/S/ 4,0M - 2908519



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 4 m

Cable - CABLE-D37SUB/B/B/HF/S/ 6,0M - 2908520



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 6 m

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Accessories

Cable - CABLE-D37SUB/B/B/HF/S/ 8,0M - 2908521



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 8 m

Cable - CABLE-D37SUB/B/B/HF/S/10,0M - 2908522



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 10 m

Cable - CABLE-D37SUB/B/B/HF/S/15,0M - 2908523



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m

Cable - CABLE-D37SUB/B/B/HF/S/20,0M - 2908525



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 20 m

Cable - CABLE-D37SUB/B/B/HF/S/25,0M - 2908526



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 25 m

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Accessories

Cable - CABLE-D37SUB/B/B/HF/S/30,0M - 2908527



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 30 m

Cable - CABLE-D37SUB/B/B/HF/S/35,0M - 2908528



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 35 m

Cable - CABLE-D37SUB/B/B/HF/S/40,0M - 2908529



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 40 m

Cable - CABLE-D37SUB-B-B-HF-S/... - 1075563



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: variable

Cable - CABLE-D37F/FLK50/1,0M/ETHA - 1210707



Round cable set; controller: Siemens SIMATIC® ET 200SP HA; connection 1: D-SUB socket strip (1x 37-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

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Accessories

Cable - CABLE-D37F/FLK50/2,0M/ETHA - 1210706



Round cable set; controller: Siemens SIMATIC® ET 200SP HA; connection 1: D-SUB socket strip (1x 37-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

Cable - CABLE-D37F/FLK50/3,0M/ETHA - 1210708



Round cable set; controller: Siemens SIMATIC® ET 200SP HA; connection 1: D-SUB socket strip (1x 37-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

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