

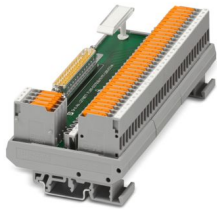
FLKM-D37SUB/M/MT/16M/ETHA - Termination board



1274077

<https://www.phoenixcontact.com/us/products/1274077>

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VARIOFACE termination board for Siemens SIMATIC® ET 200SP HA, with specific marking, with knife-disconnect terminal block, and test pick-off, as well as power supply terminal blocks

Commercial data

Item number	1274077
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218S
GTIN	4063151466312
Weight per piece (including packing)	370 g
Weight per piece (excluding packing)	332.7 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
No. of channels	16

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (DC)	≤ 30 V DC
Current (per branch)	≤ 1 A
Current (Voltage supply)	≤ 2 A (per terminal block 1P1/2P1)

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.8 kV (1.2/50 μs)

Supported controller: SIEMENS ET 200SP HA

Suitable I/O module	6DL1131-6BH00-0PH1 (Terminal Block H1/M1)
	6DL1132-6BH00-0PH1 (Terminal Block H1/M1)
	6DL1134-6JH00-0PH1 (Terminal Block H1/M1)
	6DL1134-6TH00-0PH1 (Terminal Block H1/M1)

Connection data

Connection 1 (control level)

Connection in acc. with standard	IEC 60807-2
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 2 (field level)

Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Number of positions	32
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm ² ... 1 mm ²
	0.2 mm ² ... 4 mm ²

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Conductor cross-section flexible	0.25 mm ² ... 2.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm ² ... 1 mm ²
	0.25 mm ² ... 0.75 mm ² (Ferrule without plastic sleeve)
	0.5 mm ² ... 1 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

Connection 3 (field level)

Connection method	Test socket
Number of positions	32

Connection 4 (supply)

Connection method	Screw connection with disconnect knife
Number of connections	1
Number of positions	4
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
	0.25 mm ² ... 2.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	168.7 mm
Height	77 mm
Depth	51.27 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

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

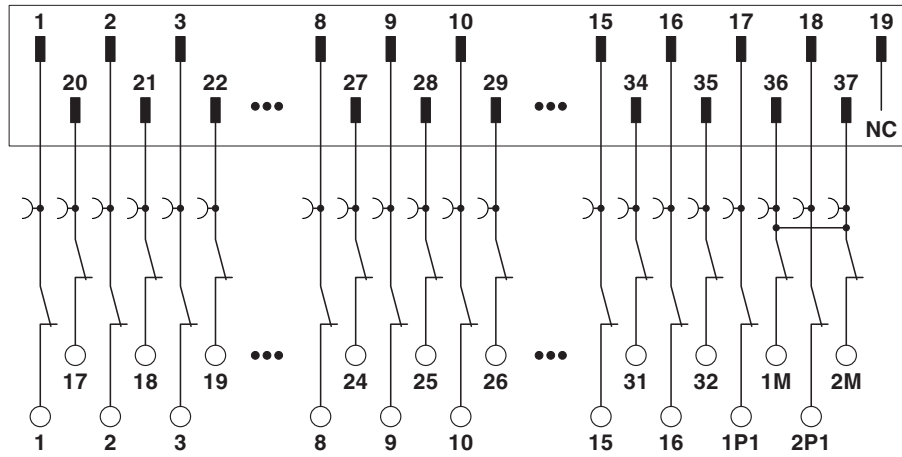
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1274077>



cULus Listed

Approval ID: E238705

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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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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)
SCIP	54af75f6-d115-4a02-bc6b-81b0c0d2eeb7

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