

# FLKM-D37SUB/M/MT/8AO/ETHA - Termination board



1274065

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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	1274065
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218S
GTIN	4063151465896
Weight per piece (including packing)	240 g
Weight per piece (excluding packing)	200 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
No. of channels	8

#### 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	6DL1135-6TF00-0PH1 (Terminal Block H1/M1)
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### 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	16
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
	0.2 mm <sup>2</sup> ... 1 mm <sup>2</sup>

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Conductor cross-section flexible (2 conductors with same cross section)	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (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	16

#### 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 <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (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	101.25 mm
Height	77.03 mm
Depth	50.57 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

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Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

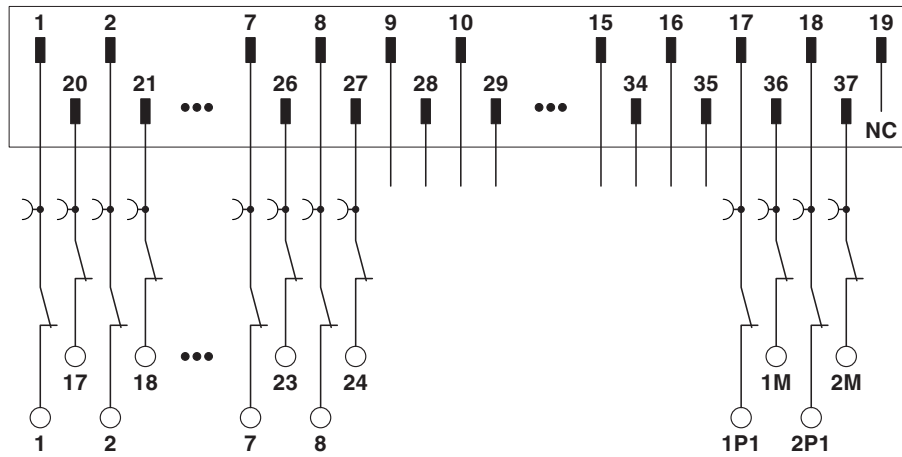
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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##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

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1274065>



**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	63ce39b1-14db-40ec-b0a3-6df2177757b1

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