

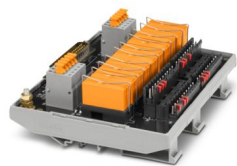
UM-D37M/10R/DO/24DC/21/ETHA - Termination board



1644861
<https://www.phoenixcontact.com/us/products/1644861>

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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	1644861
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK218S
GTIN	4067923172784
Weight per piece (including packing)	610 g
Weight per piece (excluding packing)	423.9 g
Customs tariff number	85371098
Country of origin	US

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Technical data

Product properties

Product type	Interface module
No. of channels	10

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage $U_{\max}$ (DC)	≤ 30 V DC (coil)
Operating voltage $U_{\max}$ (AC)	≤ 250 V AC (Contact)
Operating voltage $U_{\max}$ (DC)	≤ 250 V DC (Contact)
Mains frequency	50/60 Hz
Current (per branch)	≤ 20 mA (coil)
	≤ 5 A AC (Contact)
	≤ 0.25 A DC (Contact)

Supported controller: SIEMENS ET 200SP HA

Suitable I/O module	6DL1136-6DA00-0PH1
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	0 % ... 95 %

Approvals

ATEX

Identification	Ex II 3 G Ex ec nC IIC T4 Gc
Certificate	UL 24 ATEX 3229X

IECEX

Identification	Ex ec nC IIC T4 Gc
Certificate	IECEX UL 24.0037X

UKEX

Identification	Ex II 3 G Ex ec nC IIC T4 Gc
Certificate	UL24UKEX2989X

UL, USA/Canada

Identification	Class I, Div. 2, Groups A, B, C, D T4
	Class I, Zone 2, AEx ec nC IIC T4 Gc

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1644861
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	Ex ec nC IIC T4 Gc X
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Mounting

Mounting type	DIN rail mounting
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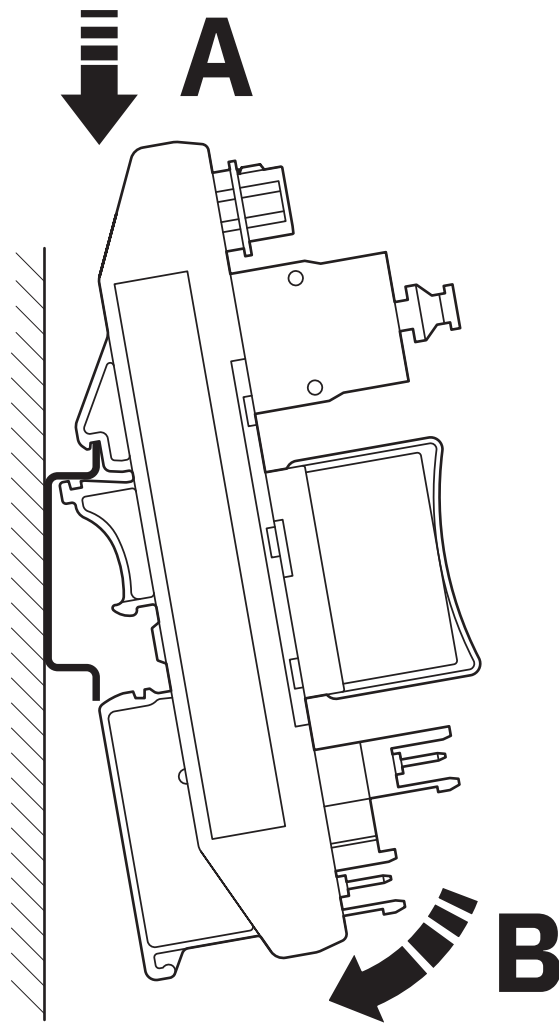
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Drawings

Schematic diagram

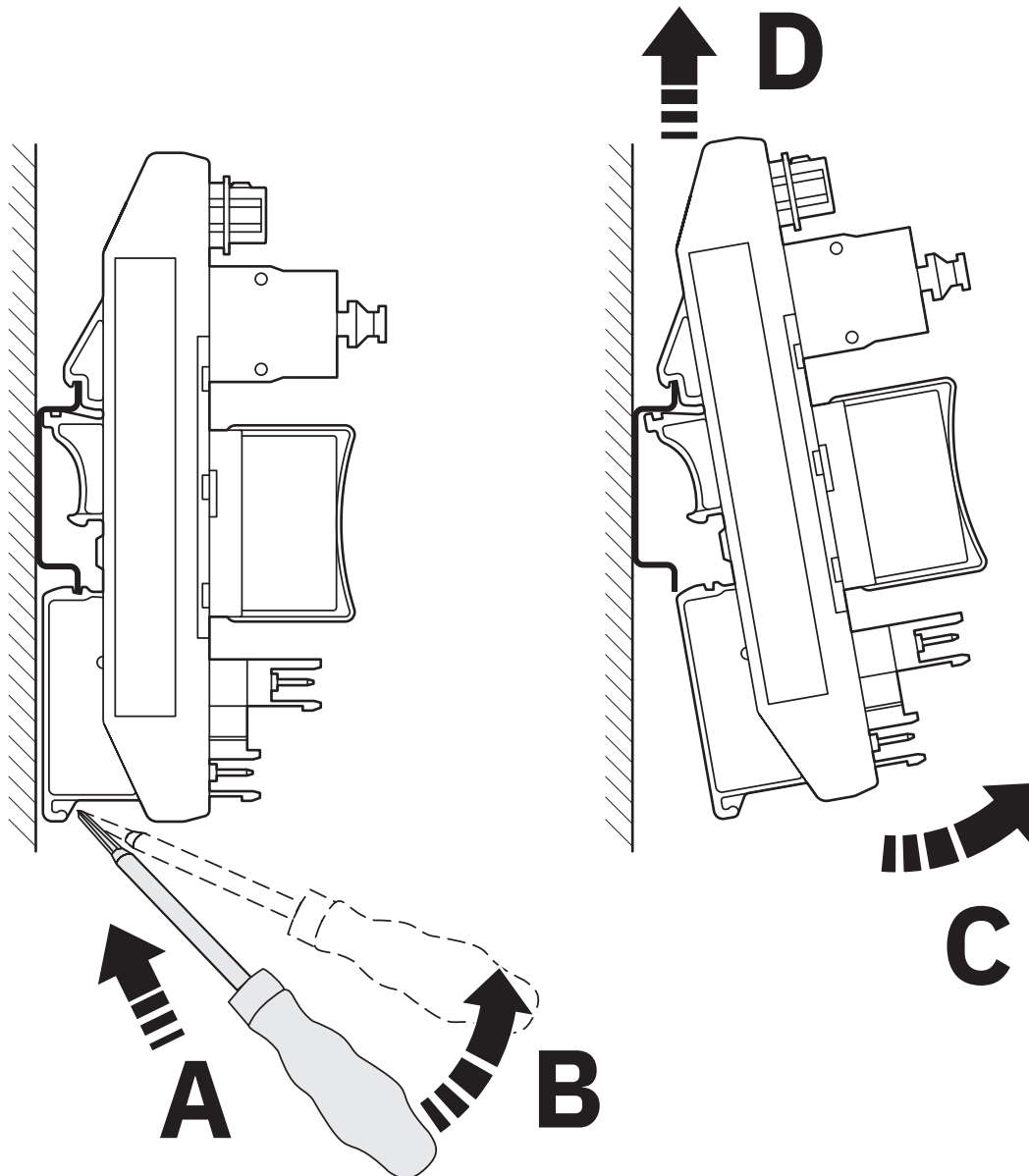


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Schematic diagram



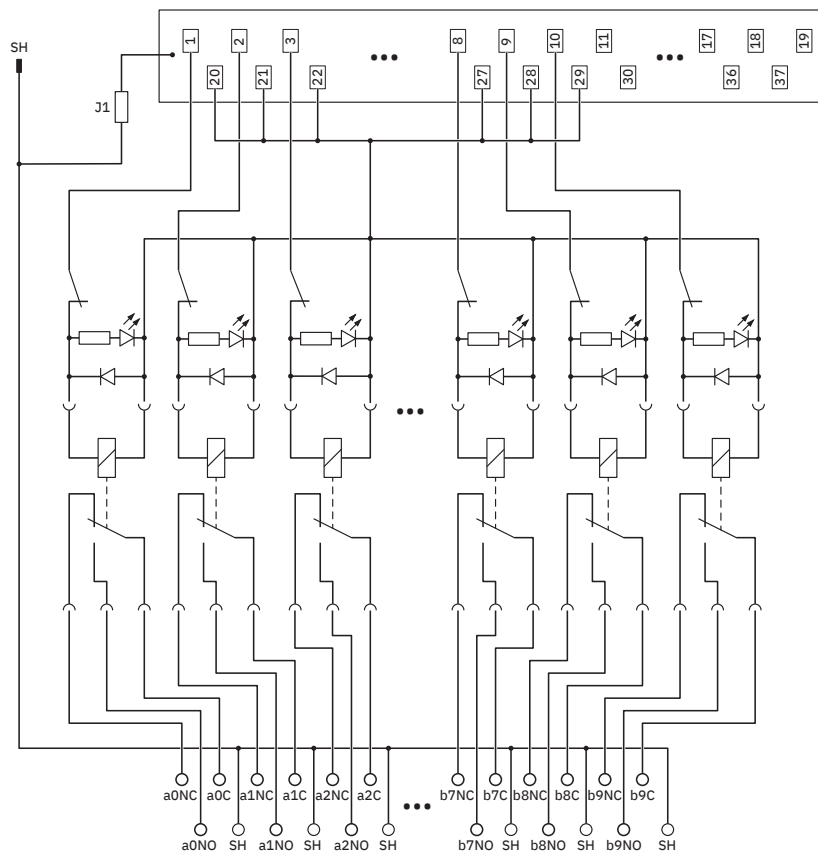
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Circuit diagram



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Approvals

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cULus Listed

Approval ID: E238705



IECEx

Approval ID: IECEx UL 24.0037X



ATEX

Approval ID: UL 24 ATEX 3229X



cULus Listed

Approval ID: E196811



UKCA-EX

Approval ID: UL 24UKEX2989X

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1644861
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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

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)
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