

Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810 - 2304513

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VARIOFACE module for ABB S800 I/O, with knife disconnect terminal blocks and specific marking (A1, B1, C1, A2, B2, C2, ... A8, B8, C8)

Why buy this product

- ✓ Eight negative terminal blocks with knife disconnection (TU810)
- ✓ Eight positive terminal blocks with knife disconnection (TU810/P)
- ✓ One positive and negative terminal block with knife disconnection per channel (TU830)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 949006
GTIN	4017918949006
Weight per Piece (excluding packing)	329.600 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	126.5 mm
Height	90 mm
Depth	61 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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Technical data

General

Max. perm. operating voltage	25 V AC
	60 V DC
Max. perm. current (per branch)	2 A
Max. permissible current (separate power supply)	4 A (8 A L1-/L2-)
Number of positions	25
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP00

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI814
	DO810
	DO840
	DP820
	DP840
	AI810
	AI815
	AI820
	AI830
	AI835
	AI845
	AO810

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Technical data

Supported controller

	AO815
	AO820
	AO845

Standards and Regulations

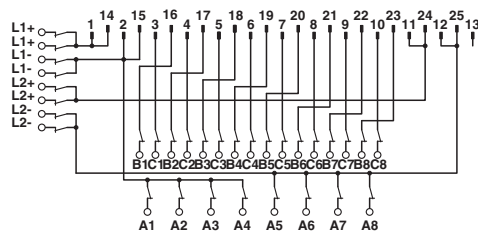
Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II

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



FLKM-D25 SUB/B/KDS3-MT/TU810 connection scheme

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

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Classifications

ETIM

ETIM 5.0	EC002780
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UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432