

Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810/P - 2304539

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VARIOFACE module for ABB S800 I/O, with knife disconnect terminal blocks and specific marking (+1, B1, C1, +2, B2, C2, ... +8, B8, C8)

Your advantages

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918949129

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

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

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Technical data

General

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	DI810
	DI811
	DI818
	DI830
	DI831
	DI840
	DI885
	DO814
	DO818
	AI810
	AI815
	AI845

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

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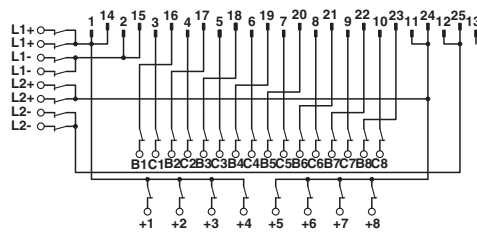
Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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/P connection scheme

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01742
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