

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

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VARIOFACE module, with knife disconnect terminal blocks for: -S800 I/O output modules, module width: 126.5 mm

### 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 pc
GTIN	 4 017918 949006
Weight per Piece (excluding packing)	329.3 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### 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. permissible operating voltage	< 50 V AC
	60 V DC

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## Technical data

### General

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
Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)
Pollution degree	2
Surge voltage category	II

### Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

### Connection data for connection 2

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

### Supported controller

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

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## Technical data

### Supported controller

	AI845
	AO810
	AO820

## Classifications

### eCI@ss

eCI@ss 4.0	27250313
eCI@ss 4.1	27250313
eCI@ss 5.0	27250313
eCI@ss 5.1	27250313
eCI@ss 6.0	27242608
eCI@ss 7.0	27141152

### ETIM

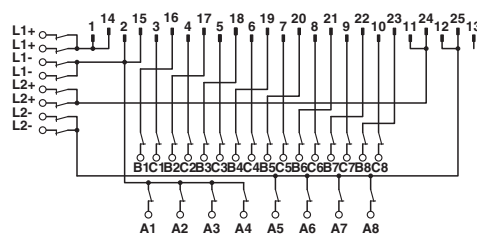
ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

### UNSPSC

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

## Drawings

Circuit diagram



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