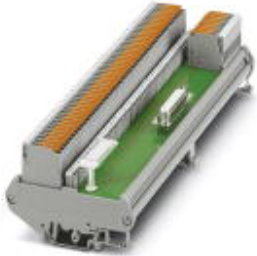


## Interface module - FLKM-D25 SUB/B/KDS3-MT/TU830 - 2304526

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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, ... A16, B16, C16)

### Your advantages

- ✓ 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 948993
GTIN	4017918948993
Weight per Piece (excluding packing)	597.500 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	247 mm
Height	90 mm
Depth	60 mm

#### Ambient conditions

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

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### Technical data

#### Ambient conditions

Degree of protection	IP00
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#### General

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. perm. current (per branch)	2 A
Max. permissible current (separate power supply)	4 A (via D-SUB)
Number of positions	25
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing

#### Connection data

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 <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Connection data 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
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814

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### Technical data

#### Supported controller

	DO818
	DO840
	DP820
	DP840
	AI810
	AI815
	AI820
	AI830
	AI835
	AI845
	AO810
	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)
Pollution degree	2
Overvoltage category	II

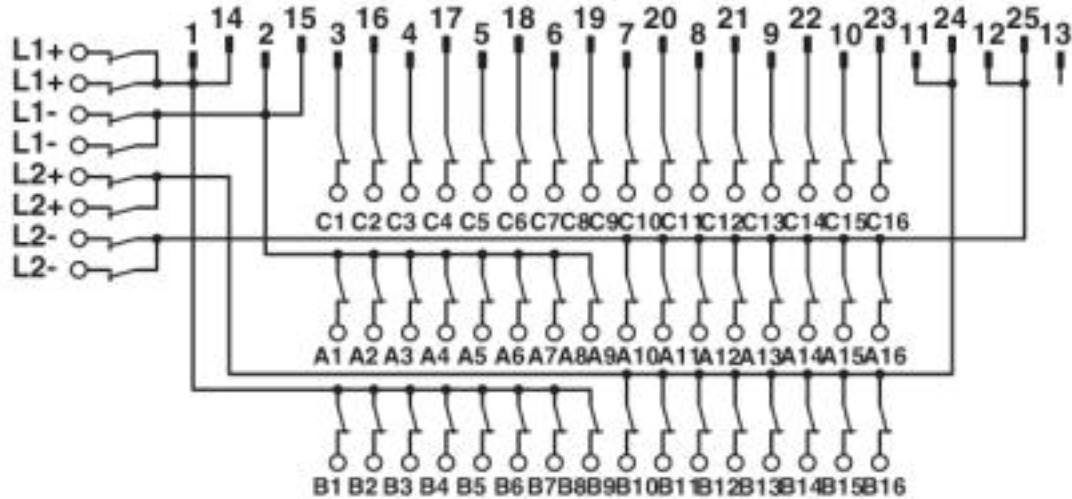
#### Environmental Product Compliance

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

# Interface module - FLKM-D25 SUB/B/KDS3-MT/TU830 - 2304526

Circuit diagram



FLKM-D25 SUB/B/KDS3-MT/TU830 connection scheme

## Classifications

### eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

### UNSPSC

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

## Interface module - FLKM-D25 SUB/B/KDS3-MT/TU830 - 2304526

### Approvals

Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

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