



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

### Product Features

- 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)



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	331.6 GRM
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

#### General

Nominal voltage $U_N$	50 V AC/DC
Max. current carrying capacity per branch	2 A
Max. total current of voltage supply	4 A (8 A L1+/L2+)
Number of positions	25

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

### Technical data

#### General

Status display	No
Test voltage	800 V (50 Hz, 1 min.)
Test voltage contact/contact	0.8 kV AC
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
	IEC 62103
Pollution degree	2
Surge voltage category	II
Rated surge voltage	1.4 kV

#### 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	Control system level
Connection method	D-SUB socket strip
Number of positions	25

#### Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI811
	DI830
	DI831
	DI840
	DO814
	AI810
	AI820
	AI845

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

## Technical data

Supported controller

	AO820
--	-------

## 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 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152

ETIM

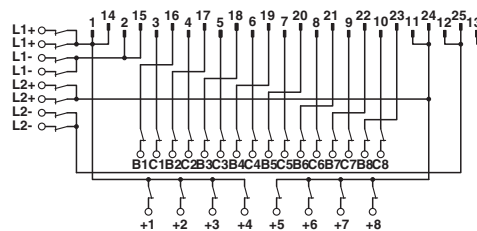
ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

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/P connection scheme

