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Interface module - UM 45-DI/DO/S/LA/SIM8 - 2968205

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VARIOFACE switch module, with flat-ribbon cable and COMBICON connector, for simulation, for 8 signals, for mounting on NS 35/7.5

Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 173685

Technical data

Dimensions

Width	75 mm
Height	45 mm
Depth	51 mm

Ambient conditions

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

General

Max. perm. operating voltage	30 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (all branches)	3 A (FLK connector)
Max. permissible current (separate power supply)	8 A (+, - terminal block)
	3 A (+, - FLK)
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP00
Standards/regulations	DIN EN 50178
	IEC 60664

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Technical data

General

	IEC 62103
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

Connection name	Field level
Connection method	Pluggable screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	28 ... 16

Connection data for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1
Number of positions	14

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DO810
	DI818
	DO840
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Controller	GE-FANUC 90-30
- suitable I/O card	IC693 MDL241
	IC693 MDL634
	IC693 MDL645
	IC693 MDL646
	IC693 MDL732
	IC693 MDL740
	IC693 MDL742
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-IB16
	1756-OB32

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Technical data

Supported controller

	1756-OB16E
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 IB16
	1746 ITB16
	1746 IN16
	1746 IB 32
	1746 OB16
	1746 OB 32
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX81
	QY81P
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BH02-0AA0
	6ES7 321-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 321-1BH10-0AA0
	CPU 313C
	CPU 313C-2PtP
	6ES7 322-1BH01-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
Controller	Schneider Electric MODICON TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	DI810
	DI830
	DI840
Controller	Emerson DeltaV

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Technical data

Supported controller

- suitable I/O card	VE4001S2T2B3
	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4002S1T2B6
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL660
	IC694MDL754
Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	ADV151
	ADV161
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161

Standards and Regulations

Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Degree of pollution	2
Overvoltage category	II

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

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Classifications

UNSPSC

UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

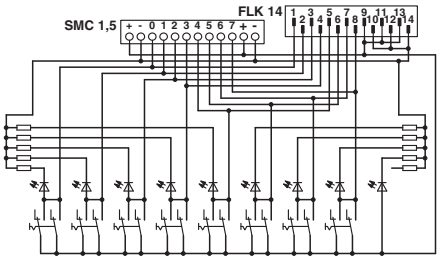
Approval details

EAC

EAC

Drawings

Circuit diagram



Connection scheme UM 45-DI/DO/S/LA/SIM8

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