

Active module - UM-32 OM- 24DC/48DC/I/M/PLC - 2394979

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Module with 32 electrically isolated optocouplers, input 24 V DC (for input cards of the Delta V control system)



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 995812
Weight per Piece (excluding packing)	402.16 g
Custom tariff number	85364190
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	259 mm
Height	126 mm
Depth	68 mm

Ambient conditions

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

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	7.6 mA
Switching level 0 signal ("L")	≤ 12 V DC
Switching level 1 signal ("H")	≥ 19.2 V DC
Transmission frequency	100 Hz

Output data

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Technical data

Output data

Nominal supply voltage	24 V DC
Supply voltage range	10 V DC ... 48 V DC
Continuous load current	10 mA
Status display	Yellow LED

General

No. of channels	32
Mounting position	any
Assembly instructions	In rows with zero spacing
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green
Standards/regulations	DIN EN 50178
Rated surge voltage	4 kV (basic insulation)
Pollution degree	2
Surge voltage category	III

Connection data for connection 1

Connection name	PCB connection
Number of connections	66
Connection method	Screw connection
Number of positions	6
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

Connection data for connection 2

Connection name	Flat-ribbon cable connection
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	50

Supported controller

Corresponding control	Emerson DeltaV
Corresponding I/O card	VE4001S2T2B5

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Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Drawings

Connection diagram

