

Active module - UM-32 OM-230AC/48DC/I/M/PLC - 2394982

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Module with 32 electrically isolated optocouplers, input 230 V AC (for input cards of the Delta V control system)



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	596.7 GRM
Custom tariff number	85364900
Country of origin	Germany

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	230 V AC $\pm 10\%$
Typical input current at U_N	1.1 mA
Type of protection	Surge protection
Protective circuit/component	Varistor
Switching level 0 signal ("L")	< 106 V AC
Switching level 1 signal ("H")	> 180 V AC
Transmission frequency	5 Hz

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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
Standards/regulations	EN 50178
Pollution degree	2
Surge voltage category	III
Mounting position	any
Assembly instructions	In rows with zero spacing
Housing insulation material	PVC, side panel PA non-reinforced,
Color	green

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
eCl@ss 8.0	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

