

## 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 <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
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

