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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!



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## 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 <sub>N</sub>	230 V AC ±10 %
Typical input current at U <sub>N</sub>	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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## 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
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 mm²
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 mm²
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**

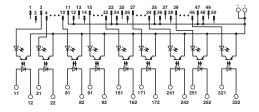
ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

## **UNSPSC**

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

## **Drawings**

### Connection diagram



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