

Active module - UM-32 NAM/I/M/DV - 2305046

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Module with 32 proximity switches (Namur) for input cards of the Delta V control system)



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 995744
Weight per Piece (excluding packing)	417.06 g
Custom tariff number	85364190
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	181 mm
Height	126 mm
Depth	75 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 $\pm 20\%$
Typical input current at U_N	max. 320 mA
Type of protection	Protection against polarity reversal
Protective circuit/component	Polarity protection diode
Type of protection	Fuse
Protective circuit/component	Fuse (400 mA)
Operating voltage display	Green LED
Transmission frequency	350 Hz

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Technical data

Output data

Maximum switching voltage	30 V DC
Limiting continuous current	10 mA
Operating voltage display	Green LED
Error detection (line break / short-circuit)	LED red

General

No. of channels	32
Mounting position	any
Assembly instructions	In rows with zero spacing
Housing insulation material	Polyamide PA non-reinforced
Color	green
Standards/regulations	DIN EN 50178
Rated surge voltage	0.4 kV (basic insulation)
Pollution degree	2
Surge voltage category	I

Connection data for connection 1

Connection name	PCB connection
Number of connections	103
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

Control circuit

Non-load voltage	8.2 V DC $\pm$ 10 %
Switching point	$\geq$ 2.1 mA (In conductive state)
	$\leq$ 1.2 mA (In blocking state)
	6.3 mA ... 10 mA (in the event of a short-circuit)
	0 mA ... 0.35 mA AC/DC (In the event of a wire break)
Switching hysteresis	approx. 0.2 mA

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Control circuit

Internal resistance	approx. 1 k Ω
Short-circuit current	≤ 10 mA

Supported controller

Corresponding control	Emerson DeltaV
Corresponding I/O card	VE4001S2T2B5

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

Approvals

Approvals

Approvals

CE09

Ex Approvals

Approvals submitted

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Approvals

Approval details

CE09	
mm²/AWG/kcmil	null-null

Accessories

Accessories

Fuse

Fuse - VF-SI/TR5/0,4AT - 2900997



Plug-in fuse (TR5®), nominal current: 0.4 A, tripping characteristic: slow-blow (T), packing volume per unit: 8 pcs.

Drawings

Connection diagram

