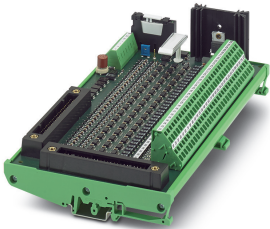


Active module - UM-32 NAM/I/MYCS - 2968506


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VARIOFACE input module, 32 channels for NAMUR proximity sensors for Yokogawa ADV151, ADV161 I/O input modules.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 281904
GTIN	4046356281904
Weight per Piece (excluding packing)	566.200 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
Type of note	Notes on operation
Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.

Dimensions

Width	223.5 mm
	223.5 mm
Height	127.5 mm
	127.5 mm
Depth	67 mm

Active module - UM-32 NAM/I/MYCS - 2968506

Technical data

Dimensions

	67 mm
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP00
	≥ IP54 (Installation location)

Input data

Nominal input voltage U_N	24 V DC ±10 % (Supply voltage)
Typical input current at U_N	max. 350 mA
Operating voltage display	Green LED

Output data

Maximum switching voltage	26.4 V DC
Minimum switching voltage	18.5 V DC
Maximum inrush current	10 mA
Status display	Yellow LED
Error detection (line break / short-circuit)	LED red

Control circuit

Non-load voltage	8.2 V DC ±10 %
Switching point	≥ 2.1 mA (In conductive state)
	≤ 1.2 mA (in disabled state)
	6.3 mA ... 10 mA (in the event of a short-circuit)
	0 mA ... 0.35 mA (In the event of a wire break)
Switching hysteresis	~ 0.2 mA
Internal resistance	~ 1 kΩ
Short-circuit current	≤ 10 mA

General

No. of channels	32
Mechanical service life	approx. 10^7 cycles
Mounting position	any
Assembly instructions	In rows with zero spacing
Housing insulation material	PVC

Connection data

Connection name	Field level
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Active module - UM-32 NAM/I/MYCS - 2968506

Technical data

Connection data

Connection method	Spring-cage connection
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331
Torque	0.5 Nm

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	ADV151
	ADV161
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161

Standards and Regulations

Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V DC
Rated surge voltage	0.4 kV (Functional insulation)
Pollution degree	2
Overvoltage category	I

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

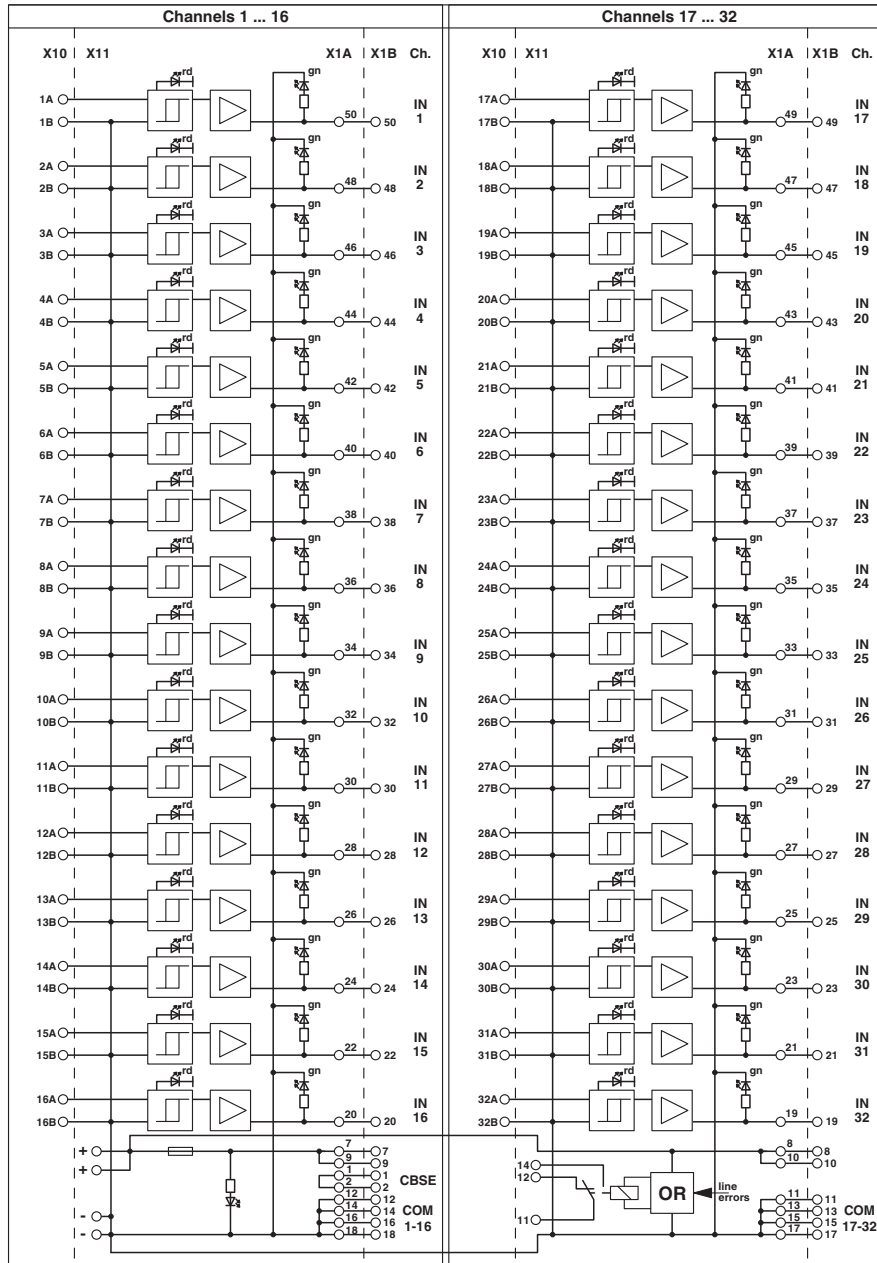
Active module - UM-32 NAM/I/MYCS - 2968506

Dimensional drawing



Active module - UM-32 NAM/I/ MYCS - 2968506

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 11.0	27141152

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Classifications

eCl@ss

eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371000
eCl@ss 5.1	27371000
eCl@ss 6.0	27371000
eCl@ss 7.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU*-DE.*08.B.01829*
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