

Passive module - UM-2KS50/DI32/CS/Z/SO180 - 2311360


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32-channel digital input module with spring-cage connection and redundant voltage supply. Suitable for Yokogawa ADV151 and ADV161 cards.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 317733
GTIN	4046356317733

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	216 mm
Height	126 mm
Depth	65 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

General

Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. perm. operating voltage	24 V DC ±10 %
Max. perm. current (per branch)	100 mA
Mounting position	any

Connection data for connection 1

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Technical data

Connection data for connection 1

Connection name	Field level
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 ... 1.5 mm ²
Conductor cross section AWG	24 ... 14
Number of positions	32

Connection data for connection 2

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

Connection data for connection 3

Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross section AWG	24 ... 14
Number of connections	1
Number of positions	6

Connection data for connection 4

Connection name	HART connector
Connection method	HART connector
Number of connections	1
Number of positions	26

Supported controller

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

Standards and Regulations

Standards/regulations	DIN EN 50178
Rated surge voltage	0.5 kV
Degree of pollution	2
Overvoltage category	II

Environmental Product Compliance

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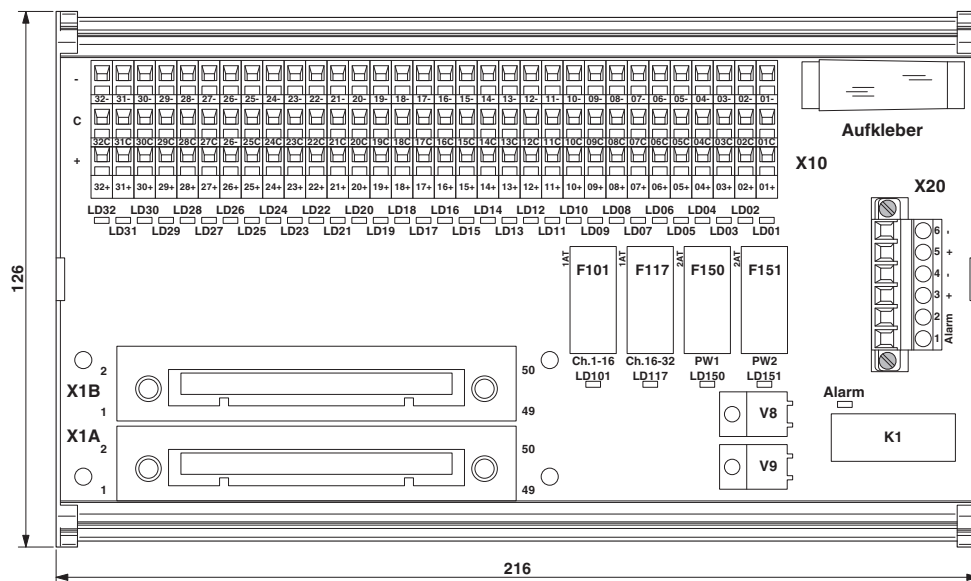
Technical data

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

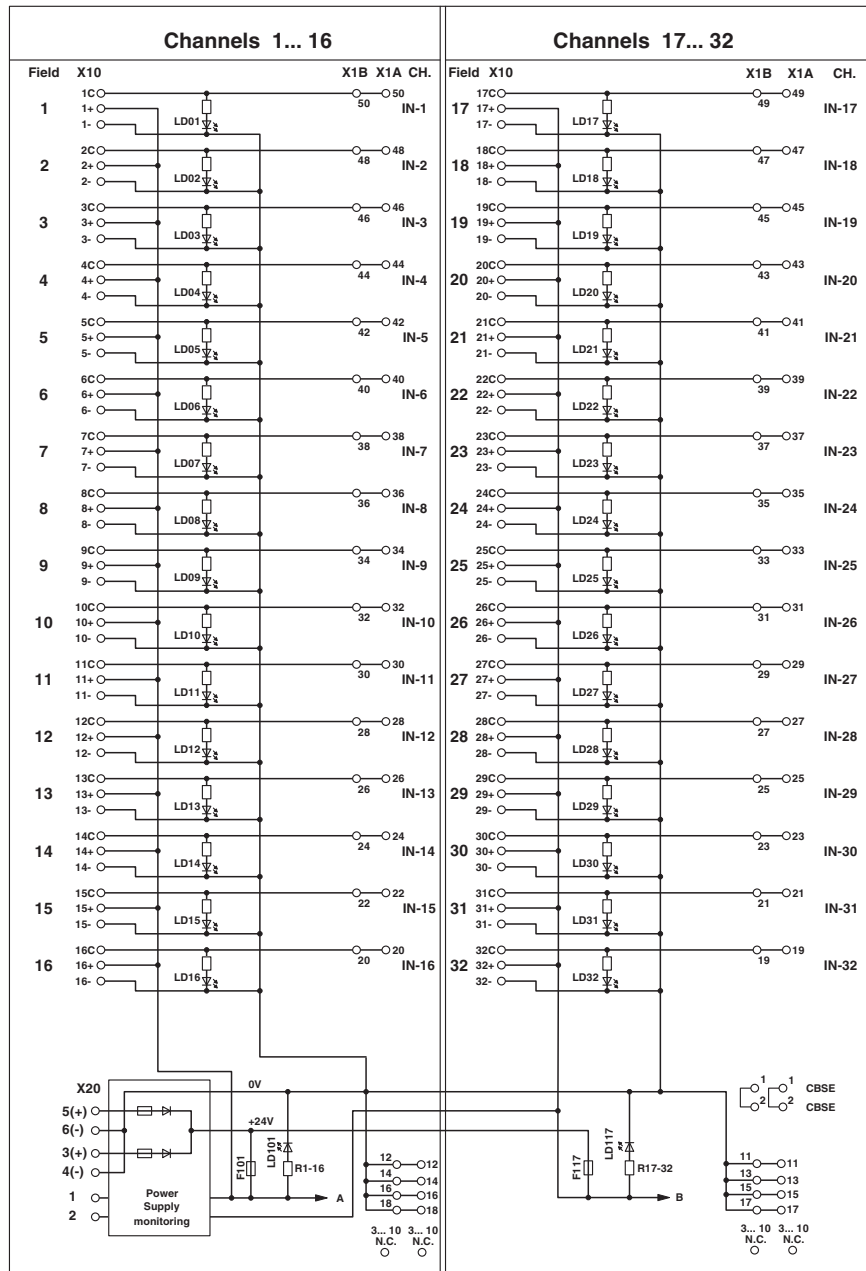
Drawings

Dimensional drawing



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Circuit diagram



Approvals

Approvals

Approvals


CSA / EAC


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Approvals

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	LR 13631
Nominal voltage UN		24 V	
Nominal current IN		0.05 A	

EAC		RU C- DE.A*30.B.01742
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