

Active module - UM-KS50/32-MR/21/ADV151/SO207 - 2311111


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



32-channel input relay module with spring-cage connection and 50-pos. system connection. The coil side is secured and optionally non-isolated. Suitable for the Yokogawa ADV 151 und ADV 161 cards.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 145916
GTIN	4046356145916

Technical data

Note

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

Dimensions

Width	231 mm
Height	128 mm
Depth	58 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C (95%/50°C (non-condensing))
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Input data

Nominal input voltage U_N	24 V DC (Supply, 2 A (V1+, V2+), pluggable fuse (IEC 60127-37/IV, 2AT))
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	9 mA (per channel, pluggable fuse (IEC 60127-3/IV, 1AT))
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode

Active module - UM-KS50/32-MR/21/ADV151/SO207 - 2311111

Technical data

Input data

Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Contact type	1 N/O contact
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	< 50 V DC
Limiting continuous current	100 mA
Maximum inrush current	1 A (Supply, (P1+, P2+), pluggable fuse (IEC 60127-3/IV, 1AT))

General

No. of channels	32
Degree of protection	IP00
Mounting position	any

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

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	1
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

Supported controller

Corresponding control	YOKOGAWA CS3000 CentumVP
Corresponding I/O card	ADV151
	ADV161
Corresponding control	YOKOGAWA STARDOM
Corresponding I/O card	NFDV151
	NFDV161

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)
Insulation	Functional insulation

Active module - UM-KS50/32-MR/21/ADV151/SO207 - 2311111

Technical data

Standards and Regulations

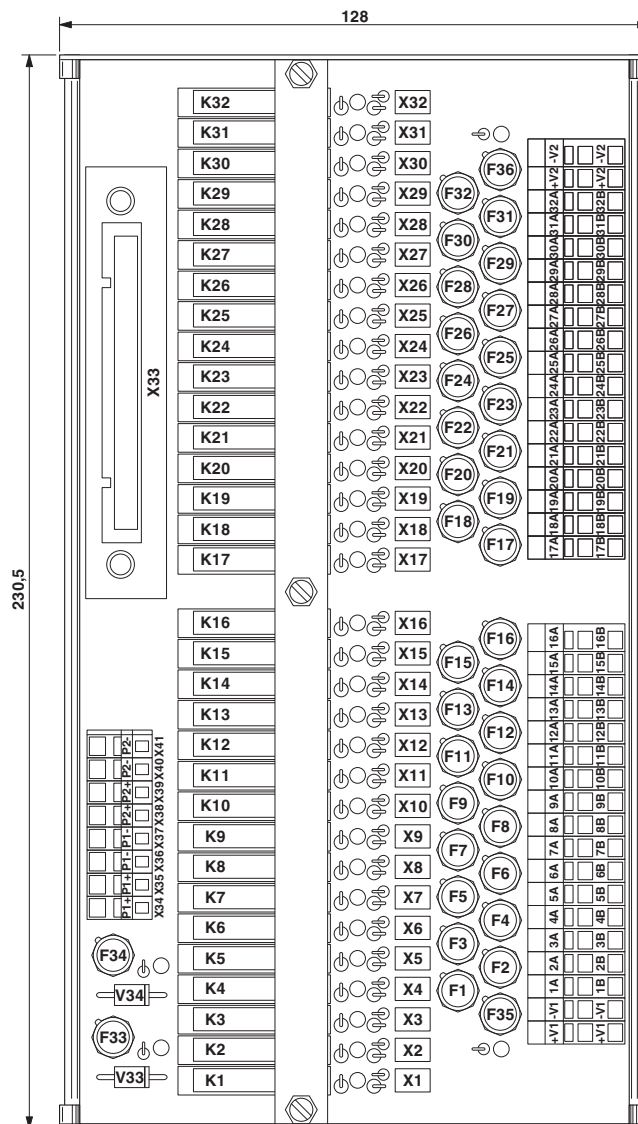
Degree of pollution	2
Overvoltage category	II

Environmental Product Compliance

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

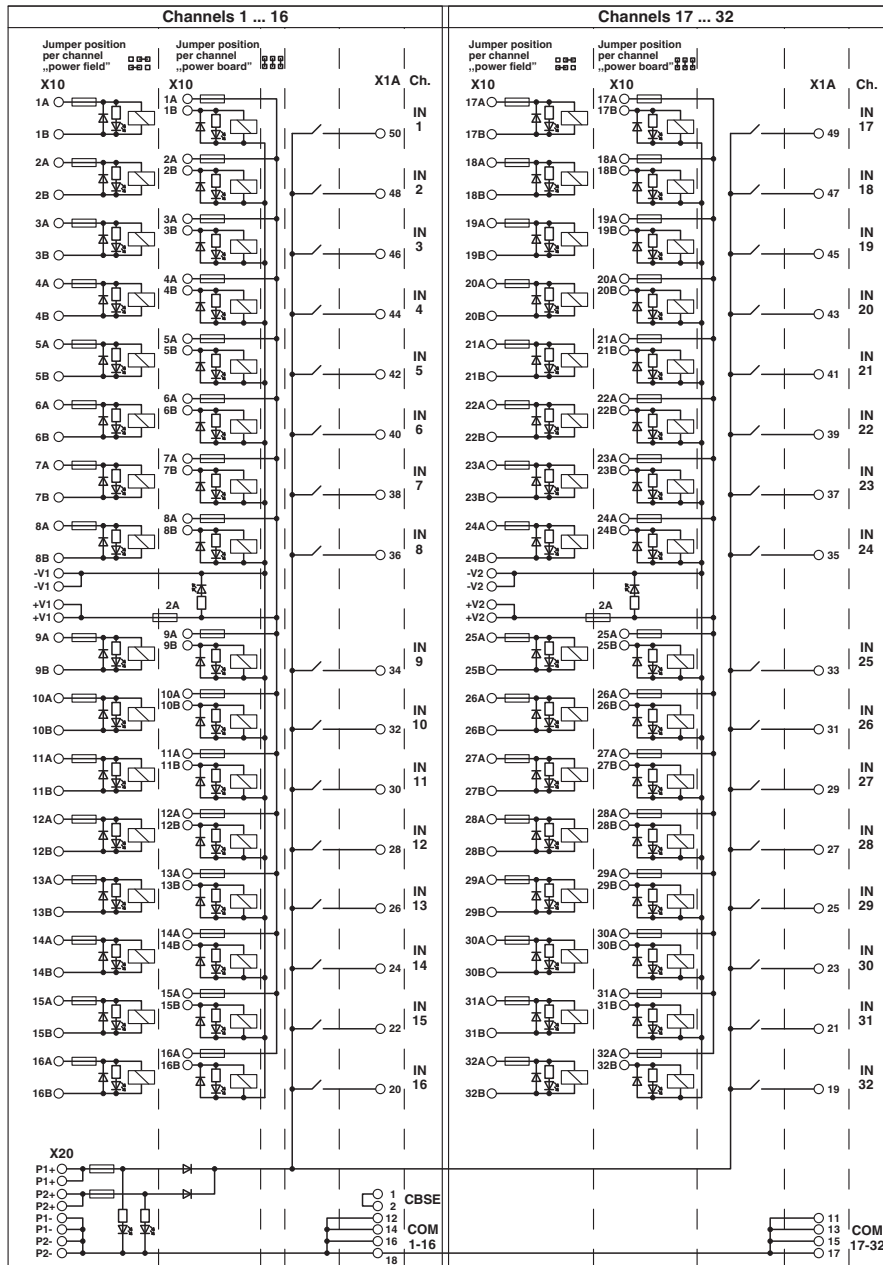
Drawings

Dimensional drawing



Active module - UM-KS50/32-MR/21/ADV151/SO207 - 2311111

Circuit diagram



Approvals

Approvals

Approvals

EAC

Active module - UM-KS50/32-MR/21/ADV151/SO207 - 2311111

Approvals

Ex Approvals

Approval details

EAC



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

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>