

Active module - UM-2KS50/32R/F/J/ADV551 - 2904937

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 output relay module (one N/O contact) with a screw connection and a fuse (1 A). The voltage supply and 50-pos. system connector are designed redundantly. Suitable for Yokogawa ADV551 card.



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
Custom tariff number	85369010
Country of origin	Germany

Technical data

Note

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

Dimensions

Width	290 mm
Height	127.5 mm
Depth	44 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 ((SELV, PELV))
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	9 mA (per relay)
Type of protection	Free running
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

Active module - UM-2KS50/32R/F/J/ADV551 - 2904937

Technical data

Output data

Contact type	Single contact, 1 N/O contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	30 V DC ((SELV, PELV))
Limiting continuous current	1 A

General

Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green
Designation	Air clearances and creepage distances, input
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, output
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible

Active module - UM-2KS50/32R/F/J/ADV551 - 2904937

Technical data

Connection data for connection 2

Stripping length	8 mm
Torque	0.5 Nm
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

Supported controller

Corresponding control	YOKOGAWA CS3000 CentumVP
Corresponding I/O card	ADV551

Standards and Regulations

Designation	Air clearances and creepage distances, input
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, output
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	II

Classifications

eCl@ss

eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 4.0	EC000196
ETIM 5.0	EC002780