

TC-2KS50-DI32-M-MR-CS - Module carrier



2903571

<https://www.phoenixcontact.com/us/products/2903571>

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 documentation. Our general terms of use for downloads are valid.



The TC-2KS50-DI32-M-MR-CS termination carrier is a compact solution which connects signal conditioners from the MINI Analog series to Yokogawa CS3000 digital input cards type ADV 151 and ADV 161.

Commercial data

Item number	2903571
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	DK271C
GTIN	4046356750233
Weight per piece (including packing)	1,376 g
Weight per piece (excluding packing)	1,376 g
Country of origin	DE

Technical data

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
--------------------	--

Product properties

Product type	Module carrier
--------------	----------------

Insulation characteristics: Air clearances and creepage distances

Insulation	Basic insulation
------------	------------------

Electrical properties

Max. permissible current	1 A (Signal/channel)
Nominal voltage U_N	< 50 V DC (Per signal/channel)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV

Supported controller: YOKOGAWA CENTUM VP

Suitable I/O card	ADV151
	ADV161

Supply

Designation	Feed-in module
Note	Supply via 2864134 MINI MCR-SL-PTB and 2811420 MINI MCR-SL-TB feed-through terminal block.
Fuse	1.25 A on PCB, slow-blow (replaceable)
Input voltage	24 V DC
Input voltage range	19.2 V DC ... 30 V DC
Redundant supply	yes, decoupled from diodes
Polarization and surge protection	Yes
Output name	Switching output
Contact switching type	1 N/C contact (alarm = open)
Maximum switching voltage	50 V DC (0.3 A)
	30 V DC (2 A)
	33 V AC (2 A)

Connection data

Power supply

Connection method	Screw connection
Stripping length	7 mm

TC-2KS50-DI32-M-MR-CS - Module carrier



2903571

<https://www.phoenixcontact.com/us/products/2903571>

Number of connections	1
Number of positions	6
Conductor cross-section rigid	0.14 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Controller level

Connection method	Yokogawa, KS compatible
Number of connections	2
Number of positions	50

Signaling

Status display	2 x red LED (error)
	1 x green LED (PWR)

Dimensions

Width	242 mm
Height	170 mm
Depth	160 mm

Material specifications

Flammability rating according to UL 94	V0
--	----

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 60 °C (Please observe module specifications)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	2g, according to IEC 60068-2-6

Approvals

CE

Certificate	CE-compliant
-------------	--------------

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
-----------------------	--------------

Mounting

Mounting type	DIN rail mounting
Assembly note	No end clamp
Mounting position	vertical, horizontal

2903571

<https://www.phoenixcontact.com/us/products/2903571>

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com