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

2903571

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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

Number of connections	1
Number of positions	6
Conductor cross-section rigid	0.14 mm² ... 2.5 mm²
Conductor cross-section flexible	0.14 mm² ... 2.5 mm²
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

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%

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