



Automatización Eléctrica
Especialistas en Automatización

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Module carrier - TC-2KS50-DO16-ESD-AR-RS - 2904113

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Termination carrier for redundantly connecting 16 PSR-FSP modules to digital output cards of the Yokogawa ProSafe-RS controller, via two KS50 connectors, 50-pos. Solution for Emergency Shut Down (ESD) applications. Suitable for Yokogawa SDV541 card.

Why buy this product

- Mechanically decoupled PCB
- Robust aluminum profile with integrated DIN rail
- Side parts with integrated end clamps
- Redundant system connection, 50-pos. (KS/AKB-compatible)
- Simple or redundant supply, decoupled from diode, protected against polarity reversal
- Error message in the event of power supply failure or fuse fault
- Relay output (N/O contact, floating) and flashing LED for error message
- Undervoltage monitoring at input at < 18 V DC

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 783743

Technical data

Note

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

Nominal voltage U_N	24 V DC (21.1 V ... 26.4 V)
UL, USA / Canada	UL 61010 Listed

Connection data

Connection 1	Controller level
Connection method	KS50
Number of connections	2
Number of positions	50
Connection 2	Power supply
Connection method	Screw connection

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Technical data

Connection data

Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	7 mm
Number of connections	1
Number of positions	6

Dimensions

Width	304 mm
Height	170 mm
Depth	160 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

Nominal voltage U _N	24 V DC (21.1 V ... 26.4 V)
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Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V
Insulation	Basic insulation
Vibration (operation)	2g, according to IEC 60068-2-6
UL, USA / Canada	UL 61010 Listed
	Class I, Div. 2, Groups A, B, C, D T4
	Class I, Zone 2, Group IIC

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371901
eCl@ss 5.1	27371901
eCl@ss 6.0	27371819
eCl@ss 7.0	27371819
eCl@ss 8.0	27371819

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Classifications

ETIM

ETIM 3.0	EC001449
ETIM 4.0	EC001449
ETIM 5.0	EC001449

UNSPSC

UNSPSC 6.01	30211901
UNSPSC 7.0901	39121501
UNSPSC 11	39121501
UNSPSC 12.01	39121501
UNSPSC 13.2	39121501

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Listed

cUL Listed

cULus Listed

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Product	Code	Reference	Product link
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