TC-D25SUBF-AI16-MP-P-RX7I - Module carrier

2905851

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Termination Carrier for connecting 16 MINI Analog Pro signal conditioners to analog input cards of the GE PAC RX7i controller via D-SUB connector, 25-pos.

Your advantages

- Mechanically decoupled, passive PCB
- Robust aluminum profile with integrated DIN rail
- Side parts with integrated end clamps
- Simple or redundant supply (decoupled from diode, protected against polarity reversal) and monitoring function implemented via separate DIN rail module
- D-SUB socket strip system connection, 25-pos.
- Cable sets for signal connection are supplied as standard and do not have to be ordered separately
- The power/fault signaling module is not supplied as standard and must be ordered separately.

Commercial data

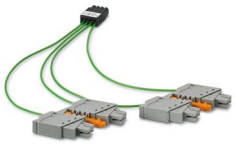
Item number	2905851
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	DK273W
GTIN	4055626000657
Weight per piece (including packing)	1,209.94 g
Weight per piece (excluding packing)	1,109.4 g
Country of origin	DE

Set consists of

TC-C-2PRO-PT-05061516 - Cable set

2905914

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Cable set for signal transmission on the Termination Carrier for modules from the MINI Analog Pro series. Connection of terminal points 5 and 6 of two adjacent MINI Analog Pro modules to the signal PCB via a 4-pos. PTSM connector.

TC-C-PTBP-PT-SET1 - Cable set

2905915

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Cable set for MINI MCR-2-PTB-PT power module (Item No. 2902958) and MINI MCR-2-FM-RC-PT fault monitoring module (Item No. 2904508), for use on the Termination Carrier for modules from the MINI Analog Pro series.

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
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible current	1 A (Signal/channel)
Nominal voltage U_N	< 30 V DC (Per signal/channel)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV

Supply

Fuse	2x 2.5 A on PCB, slow-blow (replaceable)
Input current	≤ 2 A
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	30 V (50 mA)

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	D-SUB socket strip

Number of connections	1
Number of positions	25

Signaling

Status display	2x green LEDs (PWR1 and PWR2)

Dimensions

Width	136 mm
Height	170 mm
Depth	166 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C (Please observe module specifications)
Altitude	≤ 2000 m
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

UL, USA/Canada

Identification	UL 61010 Listed
	Class I, Div. 2, Groups A, B, C, D T4
	Class I, Zone 2, Group IIC

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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