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Especialistas en Automatización

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## Module carrier - TC-2KS40-AO16-EX-PR-CS - 2905201

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Termination carrier for redundantly connecting 16 MACX Analog Ex i signal conditioners to analog output cards of the Yokogawa Centum VP controller, via two KS40 connectors, 40-pos. Suitable for Yokogawa card AAI543.

### Why buy this product

- Mechanically decoupled, passive PCB
- Redundant system connection, 40-pos. (KS/AKB-compatible)
- Simple or redundant supply (decoupled from diode, protected against polarity reversal) and monitoring function implemented via separate DIN rail module

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 951395

### Technical data

#### General

Nominal voltage $U_N$	< 50 V DC (Per signal/channel)
Flammability rating according to UL 94	V0
UL, USA / Canada	UL 61010 Listed

#### Connection data

Connection 1	Controller level
Connection method	Yokogawa KS-compatible
Number of connections	2
Number of positions	40
Connection 2	Power supply
Connection method	Screw connection
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	7 mm

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## Technical data

### Connection data

Number of positions	6
Tightening torque max	0.5 Nm

### Dimensions

Width	242 mm
Height	170 mm
Depth	160 mm

### Ambient conditions

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

Nominal voltage $U_N$	< 50 V DC (Per signal/channel)
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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
Flammability rating according to UL 94	V0
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 5.1	27371001
eCl@ss 6.0	27371601
eCl@ss 8.0	19179290

### ETIM

ETIM 5.0	EC002608
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## Approvals

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UL Listed / cUL Listed / cULus Listed

## Module carrier - TC-2KS40-AO16-EX-PR-CS - 2905201

### Approvals

Ex Approvals

UL Listed / cUL Listed / cULus Listed

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Approvals submitted

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### Approval details

UL Listed 

cUL Listed 

cULus Listed 

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Product	Code	Reference	Product link
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