

## Module carrier - TC-D37SUB-ADIO16-EX-P-UNI - 2924854

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Universal termination carrier for connecting 16 MACX Analog Ex i signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection)

### Product Features

- Mechanically decoupled, passive PCB
- Robust aluminum profile with integrated DIN rail
- Side parts with integrated end clamps
- D-SUB pin strip system connection, 37-pos. (1:1 connection)
- Simple or redundant supply (decoupled from diode, protected against polarity reversal) and monitoring function implemented via separate DIN rail module
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### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.16 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Nominal voltage $U_N$	< 50 V DC (Per signal/channel)
Inflammability class according to UL 94	V0
ATEX	# II 3 G Ex nA IIC T4 Gc X

#### Connection data

Connection 1	Controller level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	37

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## Technical data

### Connection data

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
Number of positions	6

### 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 <sub>N</sub>	< 50 V DC (Per signal/channel)

## Classifications

### eCl@ss

eCl@ss 4.0	27210121
eCl@ss 4.1	27210121
eCl@ss 5.0	27210121
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603

### ETIM

ETIM 3.0	EC001596
ETIM 4.0	EC001456
ETIM 5.0	EC001456

### UNSPSC

UNSPSC 6.01	30211811
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

ATEX

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Approvals submitted

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### Approval details

EAC
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## Drawings

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Circuit diagram

