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## 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)

### Why buy this product

- 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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 592017

### Technical data

#### General

Nominal voltage $U_N$	< 50 V DC (Per signal/channel)
Flammability rating according to UL 94	V0
ATEX	# II 3 G Ex nA IIC T4 Gc X
UL, USA / Canada	UL 61010 Listed

#### Connection data

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

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

## Technical data

### Connection data

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 $U_N$	< 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
Insulation	Basic insulation
Flammability rating according to UL 94	V0
Vibration (operation)	2g, according to IEC 60068-2-6
ATEX	# II 3 G Ex nA IIC T4 Gc X
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	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
eCl@ss 8.0	27371603

### ETIM

ETIM 3.0	EC001596
ETIM 4.0	EC001456

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## Classifications

### ETIM

ETIM 5.0	EC001456
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### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

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#### Approvals

EAC / UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

ATEX / UL Listed / cUL Listed / cULus Listed

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#### Approvals submitted


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### Approval details

EAC
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UL Listed 
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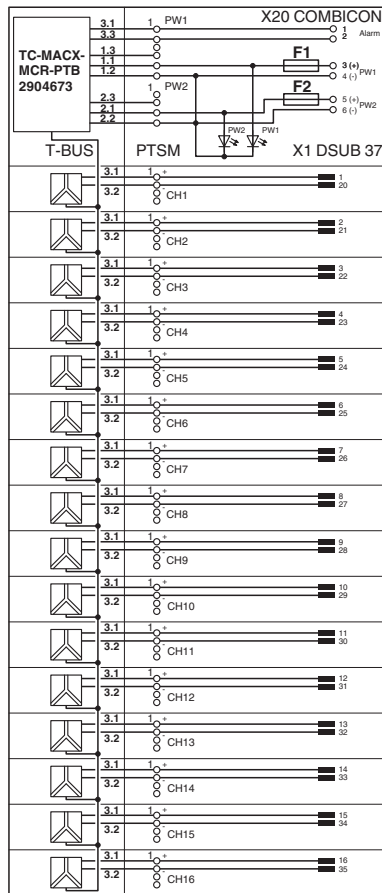
cUL Listed 
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cULus Listed 
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## Drawings

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

Circuit diagram



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