

Electronic housing - ME 17,5 OT-MSTBO SET KMGY - 2914181

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Housing upper part, complete with COMBICON headers and screw connectors for full mounting of components. 12-pos., housing width: 17.5 mm



The illustration shows the green product version

Product Features

- ✓ Tool-free mounting
- ✓ Gold contacts for data transmission and power supply (125 V, 8 A)
- ✓ Low design width with a high number of positions
- ✓ When a device is unplugged from the system as a whole, the signal chain is not interrupted# Supply via standard MINI COMBICON plug
- ✓ Large assembly area
- ✓ ME...TBUS connector with 5 parallel contacts can be snapped onto DIN rails to save space
- ✓ Same PCB geometry for all design widths
- ✓ Recessed labeling areas
- ✓ Inflammability class V0 according to UL 94
- ✓ Fast mounting on DIN rails according to EN 60715
- ✓ Material and part identification embossed on the housing (recyclability)
- ✓ Cost savings thanks to easy device production
- ✓ Optional BUS connection integrated in the housing, for either parallel or serial contacting
- ✓ Functional earth ground contact (EMC) integrated in the housing base
- ✓ Metal foot catch
- ✓ Electronic components can be partially removed



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	42.7 GRM
Custom tariff number	85369010
Country of origin	Germany

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Technical data

General

Housing type	Component housing
Housing material	Polyamide
Color	light gray

Dimensions

Constructional height	38.5 mm
Width	17.5 mm

Technical data

Connection in acc. with standard	CUL
Nominal voltage U_N	300 V
Nominal current I_N	12 A
AWG/kcmil	30-12
Indicator1	CUL1
Inflammability class according to UL 94	V0
Number of positions	12
	36
	24

Articles in set

Electronic housing - ME 17,5 OT-MSTBO KMGY - 2853747



Upper part of housing, for COMBICON connection, double-level

Base strip - MSTBO 2,5/ 3-G1L KMGY - 2853750



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Assembly: Soldering

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Articles in set

Base strip - MSTBO 2,5/ 3-G1R KMGY - 2853763



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Assembly: Soldering

Printed-circuit board connector - MSTBT 2,5/ 3-ST KMGY - 1971947



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: Light gray, Contact surface: Tin

Classifications

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC000886

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

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Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

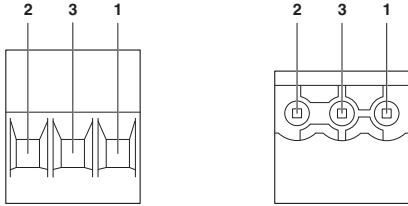
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

cULus Recognized 

Drawings

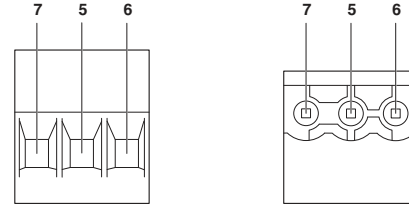
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Schematic diagram



Pin assignment left

Schematic diagram



Pin assignment right