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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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

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

### 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

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

## 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

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

## Approvals

### Approvals

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Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals


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Approvals submitted


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### Approval details

UL Recognized 

cUL Recognized 

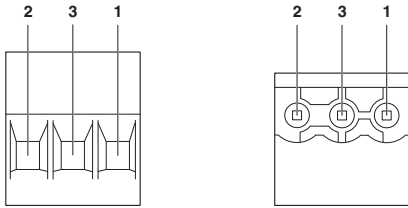
	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12
Nominal current I <sub>N</sub>	12 A	10 A
Nominal voltage U <sub>N</sub>	250 V	300 V

cULus Recognized 

## Drawings

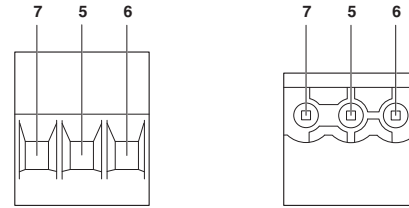
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Schematic diagram



Pin assignment left

Schematic diagram



Pin assignment right