

## Electronic housing - ME 17,5 OT-MSTBO SET - 2907431

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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




### Product Features

- Tool-free mounting
- Low design width with a high number of positions
- Large assembly area
- 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 PCE
GTIN	 4 017918 131524
Custom tariff number	85369010
Country of origin	GERMANY

### Technical data

#### General

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### Technical data

#### General

Housing type	Component housing
Housing material	Polyamide
Color	green

#### Dimensions / positions

Constructional height	38.5 mm
Width	17.5 mm
Number of positions	12

#### 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

### Articles in set

Electronic housing - ME 17,5 OT-MSTBO GN - 2906827



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

Base strip - MSTBO 2,5/ 3-G1L - 1861028



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

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Base strip - MSTBO 2,5/ 3-G1R - 1861031



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Printed-circuit board connector - MSTBT 2,5/ 3-ST - 1779848



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

### Classifications

#### ETIM

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

#### UNSPSC

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

#### 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

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## 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 

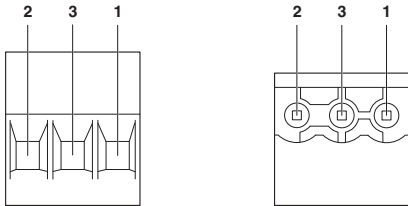
	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12
Nominal current I <sub>N</sub>	12 A	10 A
Nominal voltage U <sub>N</sub>	250 V	300 V

cULus Recognized 

## Drawings

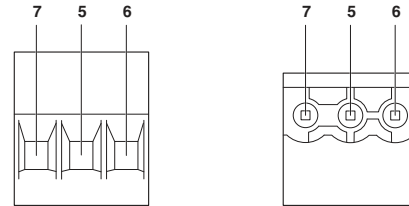
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Schematic diagram



Pin assignment left

Schematic diagram



Pin assignment right