

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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Articles in set

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



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

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


Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

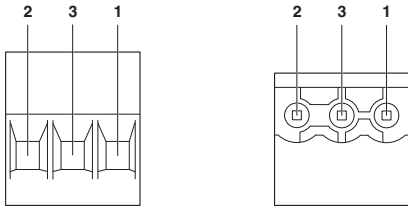
| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 12 A | 10 A |
| Nominal voltage U _N | 250 V | 300 V |

cULus Recognized 

Drawings

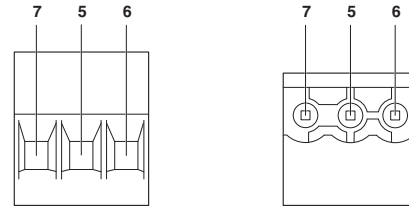
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Schematic diagram



Pin assignment left

Schematic diagram



Pin assignment right