



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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 12,5 OT-MSTBO SET - 2907428

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Housing set upper part, complete with COMBICON headers and screw plugs for full equipping.



Illustration shows a fully mounted version of the electronic housing

Product Features

- Tool-free mounting
- Large assembly area
- Low design width with a high number of positions
- Recessed labeling areas
- Same PCB geometry for all design widths
- Fast mounting on DIN rails according to EN 60715
- Inflammability class V0 according to UL 94
- Material and part identification embossed on the housing (recyclability)
- Cost savings thanks to easy device production
- Electronic components can be partially removed
- Optional BUS connection integrated in the housing, for either parallel or serial contacting
- Metal foot catch
- Functional earth ground contact (EMC) integrated in the housing base



Key commercial data

Packing unit	1 1
GTIN	 4 017918 131517
Weight per Piece (excluding packing)	27.5 GRM
Custom tariff number	85369010
Country of origin	Germany

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Technical data

General

Housing type	Upper part
Housing material	Polyamide
Color	green

Dimensions

Constructional height	38.5 mm
Width	12.5 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
Number of positions	8

Articles in set

Electronic housing - ME 12,5 OT-MSTBO GN - 2906814



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

Base strip - MSTBO 2,5/ 2-G1L - 1861057



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

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Articles in set

Base strip - MSTBO 2,5/ 2-G1R - 1861044



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

Printed-circuit board connector - MSTBT 2,5/ 2-ST - 1779835



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, 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 12,5 OT-MSTBO SET - 2907428

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

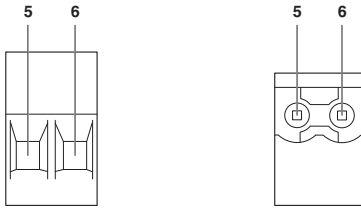
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

cULus Recognized 

Drawings

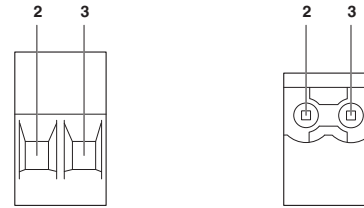
Electronic housing - ME 12,5 OT-MSTBO SET - 2907428

Schematic diagram



Pin assignment right

Schematic diagram



Pin assignment left