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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PHŒNIX CONTACT

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

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

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

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

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

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		

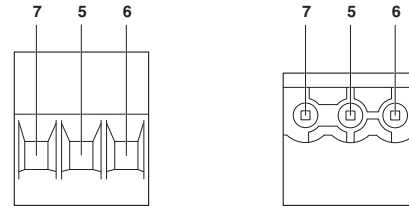|	B	D
cUL Recognized		
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

cULus Recognized		

Drawings

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

Schematic diagram
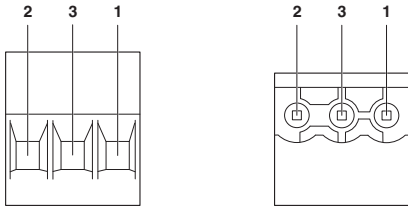
Schematic diagram

Pin assignment left

Pin assignment right

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