![Chipsmall logo]

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

Terminal adapter - HC-D 64-A-TWIN-PER-M - 1580215

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HEAVYCON terminal adapter male insert, D64 series, 64-pos., left PE connection for the right side of the control cabinet, Push-in connection

Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	620.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Drill hole distance, horizontal	104 mm
Height	139.3 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C

Electrical characteristics

Note	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B24 type
Number of positions	64
Rated voltage (III/3)	250 V
Rated surge voltage	6 kV
Rated current	10 A

Mechanical characteristics

Design	B24
Connection method	Push-in connection
Stripping length of the individual wire	10 mm

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Technical data

Mechanical characteristics

Conductor cross section	0.5 mm² ... 2.5 mm²
Connection cross section AWG	22 ... 12

General

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Pollution degree	3
Surge voltage category	III
Inflammability class according to UL 94	V0
Assembly instructions	Use ferrules. 0.5 mm² ... 2.5 mm² with or without insulating collar, length: 10 mm, stripping length: 10 mm, SZF 1-0,6x3,5 screwdriver
Installation instructions	Connectors may be plugged in only when there is no load/voltage. Not for HC-B 24-AMQ-EMV housings

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

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Accessories

Accessories

Coding element

Coding element - HC-CST - 1676857

Coding peg for coding up to 16 connectors

Coding element - HC-CBU - 1676860

Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722

Coding pin, prevents mismating of up to six connectors with an identical number of positions

Mounting material

Foot element - HC-KA-FE - 1775240

Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element

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Accessories

Locking screw barrel - HC-VSH - 1660083

Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters

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Mounting material - HC-B-PES - 1604997

PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

PE multiplier - HC-B-3PE - 1644326

PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts

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Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Terminal marking

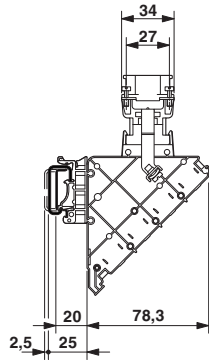Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004

Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

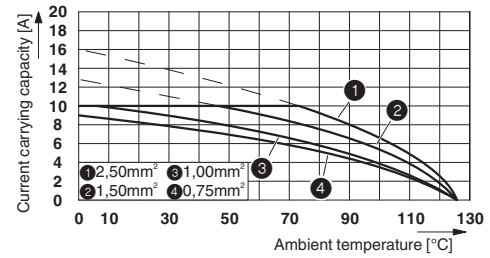# Terminal adapter - HC-D 64-A-TWIN-PER-M - 1580215
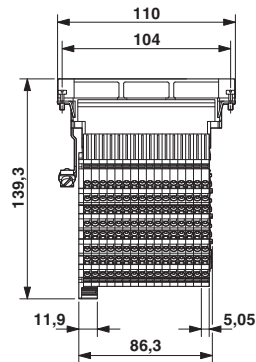
Accessories

Drawings

Dimensioned drawing

34
27

20   78,3
2,5 25

Side view

Diagram

Derating diagram

❶2,50mm² ❸1,00mm²
❷1,50mm² ❹0,75mm²

Ambient temperature [°C]
Current carrying capacity [A]

Dimensioned drawing

110
104

139,3

11,9   5,05
86,3

Connection side