PHŒNIX CONTACT

Connector set - HC-KIT-B24-R03 - 1409765

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Connector set, consisting of: B24 sleeve housing and panel mounting base, 24-pos. plug and socket insert, M32 cable gland

RoHS

Key Commercial Data

Packing unit	1
GTIN	
GTIN	4046356752718
Custom tariff number	85366990

Technical data

Dimensions

Cable diameter	14 mm ... 21 mm

General

Number of positions	24+PE
Type	B24
Rated voltage	500 V
Rated current	16 A
Connection method	Screw connection
Cable outlet	straight
Degree of protection for housing	IP65
Connection method	Screw connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	20 A

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Technical data

General

Conductor cross section	0.5 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
External cable diameter	15 mm ... 21 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	113 mm
Width of the assembly cutout	35 mm
Housing material	Aluminum cast alloy, powder-coated
Contact carrier material	PC
Locking latch material	PA
Integrated protective cover	no

Standards and Regulations

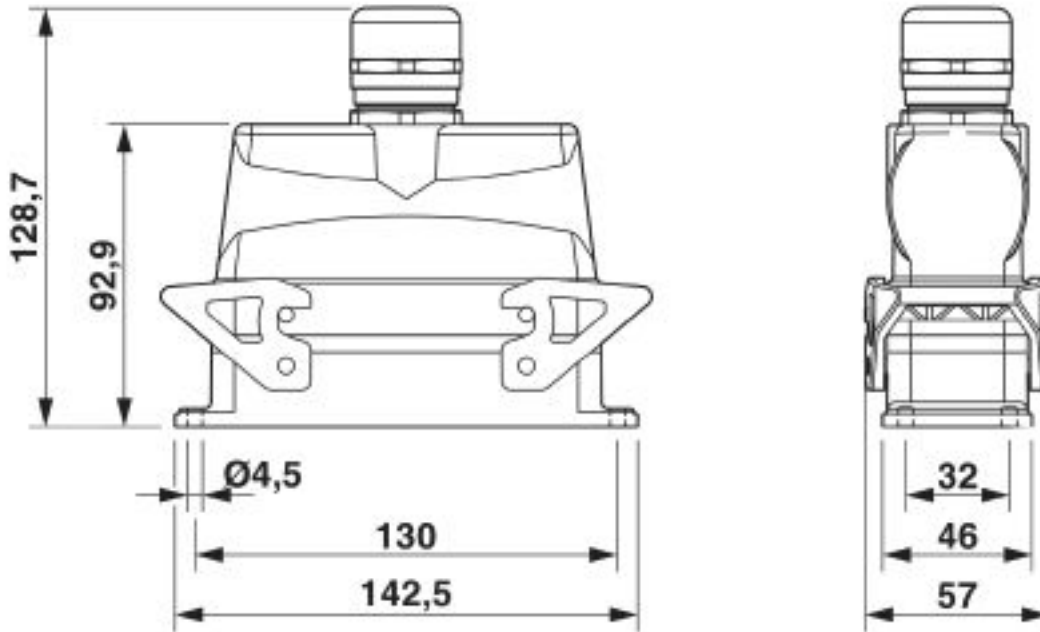| Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Dimensional drawing

Dimensional drawing

Articles in set

Cable gland - G-INS-M32-M68N-NNES-S - 1411166

Cable gland, cable gland material: Nickel-plated brass, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

Contact insert - HC-B 24-I-UT-M - 1648296

HEAVYCON pin insert, B24 series, 24-pos., screw connection

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Articles in set

Housing - HC-B 24-TFQ-N-O1STM32G - 1460222

HEAVYCON B24 sleeve housing, for double locking latch, height: 65 mm, with 1 x M32 thread, straight cable outlet

Housing - HC-B 24-AMQ - 1771927

HEAVYCON B24 panel mounting base, with double locking latch, height: 29 mm, with flat gasket

Contact insert - HC-B 24-I-UT-F - 1648306

HEAVYCON female insert, B24 series, 24-pos., screw connection

Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 3.0	EC002310
ETIM 4.0	EC002560

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Classifications

ETIM

ETIM 5.0	EC002560
ETIM 6.0	EC002636
ETIM 7.0	EC002636

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

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EAC / EAC

Ex Approvals

Approval details

EAC	EAL	RU C-DE.AI30.B.01102

EAC	EAL	RU C-DE.BL08.B.00511