HC-KIT-B16-R03 - Connector set

1409736

https://www.phoenixcontact.com/us/products/1409736

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Connector set, consisting of: B16 sleeve housing and panel mounting base, 16-pos. plug and socket insert, M25 cable gland

Commercial data

Item number	1409736
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4046356752688
Weight per piece (including packing)	568.9 g
Weight per piece (excluding packing)	534.8 g
Customs tariff number	85366990
Country of origin	CN

Set consists of

G-INS-M25-M68N-NNES-S - Cable gland

1411165

https://www.phoenixcontact.com/us/products/1411165



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-colored, with O-ring

HC-B 16-I-UT-M - Contact insert

1648238

https://www.phoenixcontact.com/us/products/1648238



Contact insert, number of positions: 16+PE, size: B16, number of connections per position: 1, Pin, Screw connection, 500 V, 16 A, 0.5 mm^2 ... 2.5 mm^2, application: Power

HC-STA-B16-HLFD-1STM25-EL-AL - Housing

1412717

https://www.phoenixcontact.com/us/products/1412717



Sleeve housing B16, for double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M25, height: 60 mm, cable gland: none, Standard

HC-STA-B16-BWD-ELC-AL - Housing

1411327

https://www.phoenixcontact.com/us/products/1411327

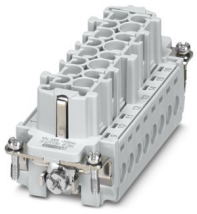


HEAVYCON B16 panel mounting base, with double locking latch, with flat gasket, salt-water-resistant aluminum, conductive profile gasket

HC-B 16-I-UT-F - Contact insert

1648241

https://www.phoenixcontact.com/us/products/1648241



Contact insert, number of positions: 16+PE, size: B16, number of connections per position: 1, Socket, Screw connection, 500 V, 16 A, 0.5 mm^2 ... 2.5 mm^2, application: Power

Technical data

Product properties

Product type	Connector set
Housing type	Complete housing
Application	Power
Type	B16
Number of positions	16
Connection profile	16+PE
No. of cable outlets	1
Seal present	yes
Protective cover	no
Contact material type	turned
Cable outlet	lateral

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

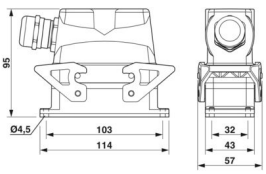
Electrical properties

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	20 A
Nominal voltage U_N	500 V
Nominal current I_N	16 A

Connection data

Connection method	Screw connection
Connection technology	Screw connection
Conductor cross-section	0.5 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
	0.5 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
Tightening torque	0.5 Nm ... 0.8 Nm

Dimensions

Dimensional drawing	
Width	43 mm
Height	92 mm
Length	114 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 mm

Material specifications

Material Housing	Die-cast aluminum
Flammability rating according to UL 94	V0
Material grommet GRP	NBR, conductive
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA

Cable/line

External cable diameter	11 mm ... 17 mm
	14 mm ... 17 mm (for UL 514 B)
External cable diameter	11 mm ... 16 mm

Mechanical properties

Mechanical data

Locking type	Latch

Environmental and real-life conditions

Ambient conditions

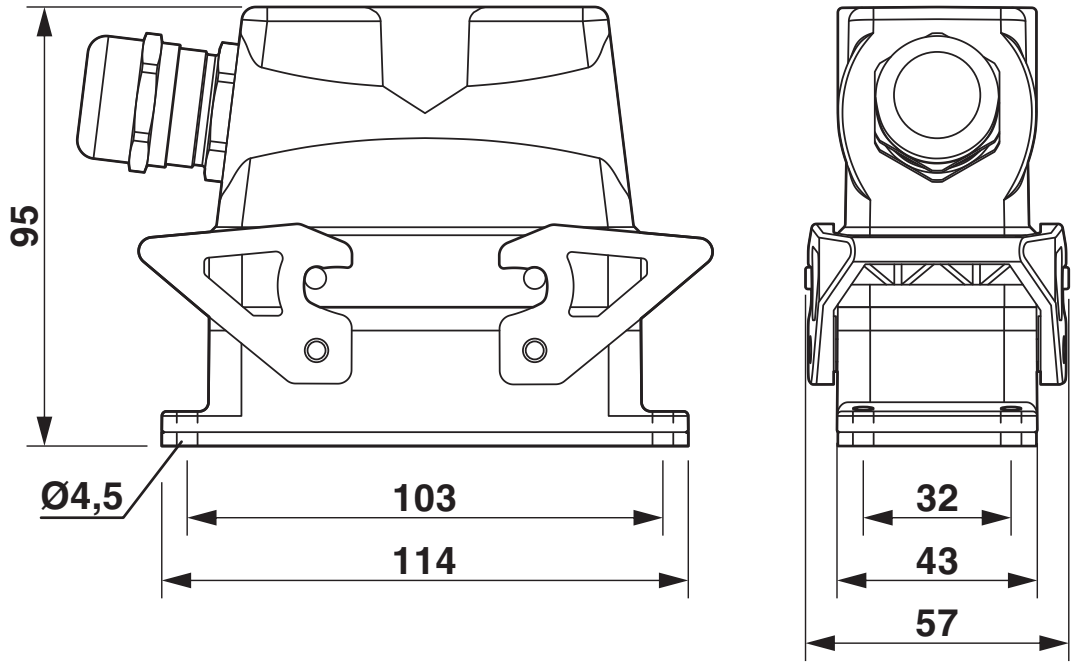
Degree of protection	IP65
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 100 °C

Mounting

Mounting type	Screw mounting

Drawings

Dimensional drawing



Dimensional drawing

Classifications

ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

ETIM

ETIM 10.0	EC002636

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2c6dd46c-c137-4913-9099-563253a3d189

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