

Connector set - HC-KIT-B06-R02 - 1409684

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Connector set, consisting of: B6 sleeve housing and panel mounting base, 6-pos. plug and socket insert, M20 cable gland

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 752435
GTIN	4046356752435

Technical data

Dimensions

Cable diameter	9 mm ... 13 mm
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General

Number of positions	6+PE
Type	B6
Rated voltage	500 V
Rated current	16 A
Connection method	Screw connection
Cable outlet	lateral
Degree of protection for housing	IP65
Connection method	Screw connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	24 A
Conductor cross section	0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
External cable diameter	6 mm ... 12 mm
Ambient temperature (operation)	-40 °C ... 100 °C

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Technical data

General

Length of the assembly cutout	52 mm
Width of the assembly cutout	35 mm
Housing material	Aluminum cast alloy, powder-coated
Contact carrier material	PC
Locking latch material	PA

Standards and Regulations

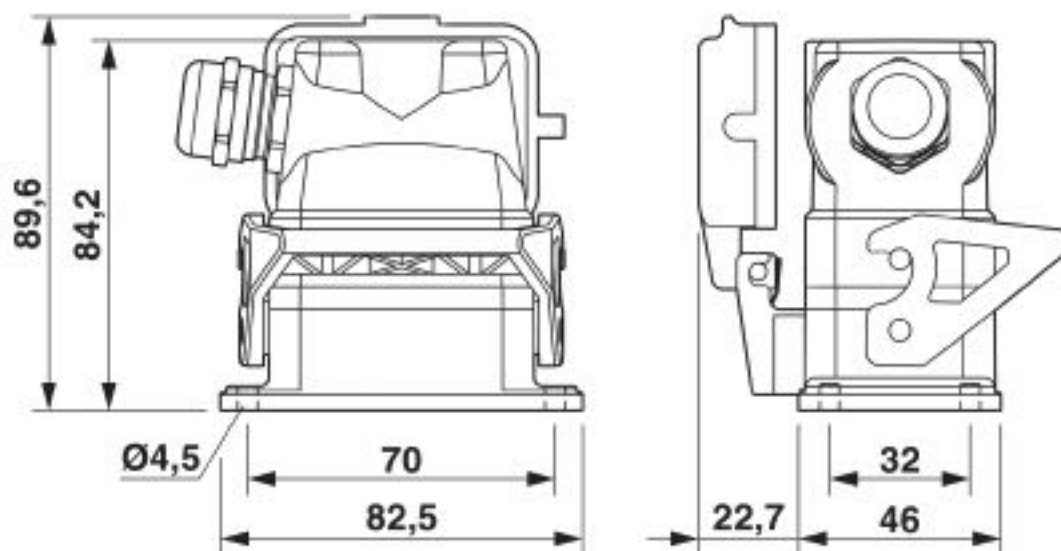
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Dimensional drawing



Dimensional drawing

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Articles in set

Cable gland - G-INS-M20-S68N-NNES-S - 1411163



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

Contact insert - HC-B 6-I-UT-M - 1648115



HEAVYCON male insert, B6 series, 6-pos., screw connection

Housing - HC-B 6-TFL-N-O1STM20S - 1460346



HEAVYCON B6 sleeve housing, for single locking latch, height: 56 mm, with 1 x M20 thread, lateral cable outlet

Housing - HC-B 6-AMLD - 1771147



HEAVYCON B6 panel mounting base, with single locking latch, height: 29 mm, with plastic cover, with flat gasket

Contact insert - HC-B 6-I-UT-F - 1648128



HEAVYCON female insert for B6 housing, with 6 contacts, screw connection

Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 4.0	27260700

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Classifications

eCl@ss

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
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

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EAC / EAC / EAC

Ex Approvals

Approval details

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

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