HC-STA-B06PT-BWSC-LS-M20-ELCAL - Connector set



1416353

https://www.phoenixcontact.com/us/products/1416353

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Connector set, number of positions: 6, connection method: Push-in connection, connection cross section: AWG 26- 14, cable outlet: lateral

Commercial data

Item number	1416353
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	BF7AFX
Catalog page	Page 647 (C-2-2019)
GTIN	4055626071244
Weight per piece (including packing)	390.8 g
Weight per piece (excluding packing)	390 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

HC-B06-I-PT-F - Contact insert

1407727 https://www.phoenixcontact.com/us/products/1407727



Contact insert, number of positions: 6+PE, size: B6, number of connections per position: 1, Socket, Push-in connection, 500 V, 16 A, 0.14 $\rm mm^2$... 2.5 $\rm mm^2$, application: Power

HC-B06-I-PT-M - Contact insert

1407728 https://www.phoenixcontact.com/us/products/1407728



Contact insert, number of positions: 6+PE, size: B6, number of connections per position: 1, Pin, Push-in connection, 500 V, 16 A, 0.14 $\rm mm^2$... 2.5 $\rm mm^2,$ application: Power

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

1411163

https://www.phoenixcontact.com/us/products/1411163



Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 6 mm \dots 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

HC-STA-B06-BWSC-ELC-AL - Housing

1411319 https://www.phoenixcontact.com/us/products/1411319



Panel mounting base B6, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, height: 30.5 mm, cable gland: none, protective cover: yes, Standard, with flat gasket



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HC-STA-B06-HLFS-1STM20-EL-AL - Housing

1412570

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Sleeve housing B6, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M20, height: 52 mm, cable gland: none, Standard



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Technical data

Product properties

Туре	B6
Product type	Connector set
Number of positions	6
Connection profile	6+PE
Application	Standard
No. of cable outlets	1
Housing type	Complete housing
Seal present	yes
Protective cover	yes
Series	НС-В
Cable outlet	lateral
Insulation characteristics	
Overvoltage category	10
Degree of pollution	3
Electrical properties	
Rated voltage (III/3)	500 V

Connection data

Rated surge voltage Rated current

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross section	0.14 mm ² 2.5 mm ² (with ferrule)
	0.14 mm ² 2.5 mm ² (with ferrule)
Connection cross section AWG	26 14
Tightening torque	0.5 Nm 1.7 Nm (Fixing screws for panel mounting base)
Stripping length	8 mm 10 mm

6 kV

16 A

Dimensions

Dimensional drawing

Width	53 mm
Height	82.5 mm
Length	80.5 mm
Drill hole distance, horizontal	70 mm
Drill hole distance, vertical	32 mm



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Hole diameter	4.5 mm	
Installation dimensions		
Width of the assembly cutout	35 mm	
Length of the assembly cutout	52 mm	

Material specifications

Material Housing	Die-cast aluminum, saltwater-resistant
Material Protective cover	PA
Flammability rating according to UL 94	V0
Seal material Profile gasket	NBR, conductive
Seal material Flat gasket	NBR, conductive
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA
Impact strength	IK08

Cable/line

External cable diameter ()	6 mm 12 mm
	10 mm 12 mm (for UL 514 B)

Mechanical properties

Mechanical data	
Locking type	Latch
Insertion/withdrawal cycles	≥ 500

Environmental and real-life conditions

Degree of protection	IP66 (with locked protective cover)
	IP67 (when plugged in)
Impact strength	IK08
Ambient temperature (operation)	-40 °C 100 °C

Mounting

Mounting type	Screw mounting
Assembly instructions	Coding also using the CP-HC (1686478) coding profiles. HC-B6 / HC-B10for two coding profiles. HC-B16/ HC-B24for four coding profiles.
	Connectors may only be operated when there is no load/the power is switched off. Can be used for solid wires and stranded wires with ferrule.

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Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440113

ETIM

	ETIM 9.0	EC002636	
UNSPSC			
	UNSPSC 21.0	39121400	



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Environmental product compliance

REACh SVHC	Lead 7439-92-1	
China RoHS	Environmentally Friendly Use Period = 50 years	
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"	

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