

# Connector set - HC-STA-A03PT-BWS-HT-M20-ELCAL - 1424449


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Connector set, degree of protection: IP67, number of positions: 3, material: Die-cast aluminum, salt water resistant, connection method: Push-in connection, connection cross section: AWG 26- 16



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 372785
GTIN	4055626372785
Weight per Piece (excluding packing)	0.022 kg
Custom tariff number	85366990
Country of origin	China
Note	Made to Order (non-returnable)

## Technical data

### General

Type	D7
Connection method	Push-in connection
Degree of protection for housing	IP66
	IP67
	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	230 V (Conductor-PE)
Rated surge voltage	4 kV
Rated current	10 A
Conductor cross section	0.14 mm² ... 1.5 mm² (with ferrule)

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### Technical data

#### General

Connection cross section AWG	26 ... 16 (with ferrule)
External cable diameter	6 mm ... 12 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	21 mm
Width of the assembly cutout	21 mm
Housing material	Die-cast aluminum, salt water resistant
Contact carrier material	PC
Locking latch material	PA
Integrated protective cover	no

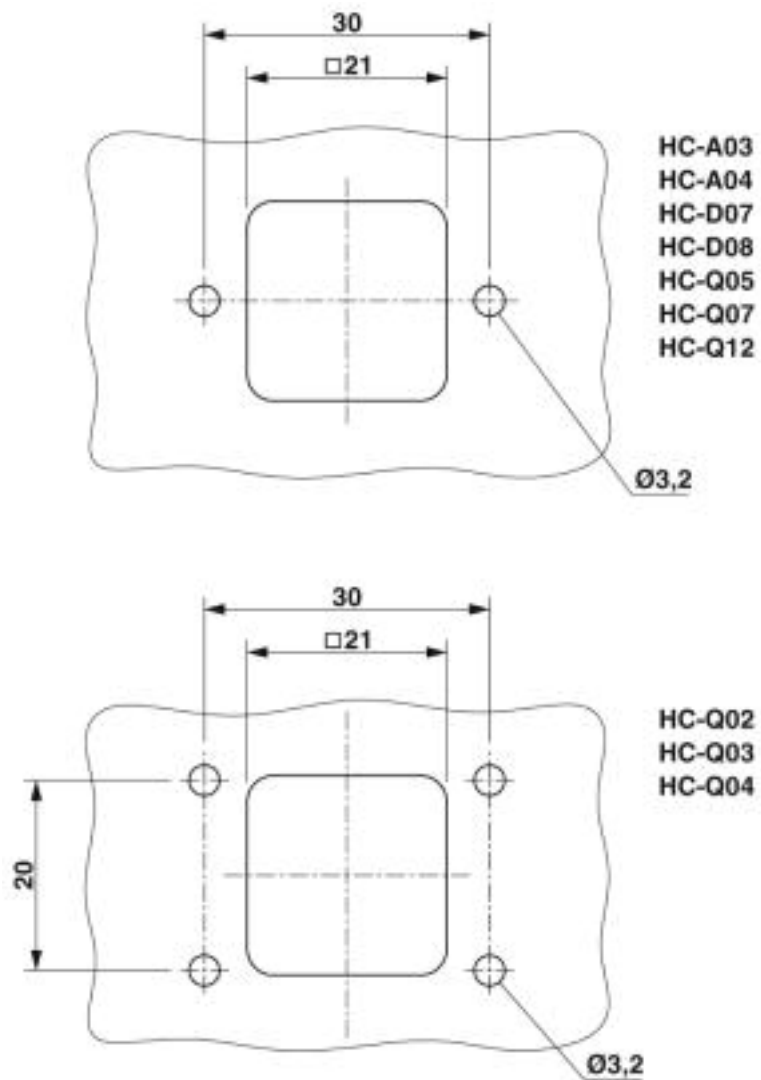
#### Standards and Regulations

Flammability rating according to UL 94	V0
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#### Drawings

# Connector set - HC-STA-A03PT-BWS-HT-M20-ELCAL - 1424449

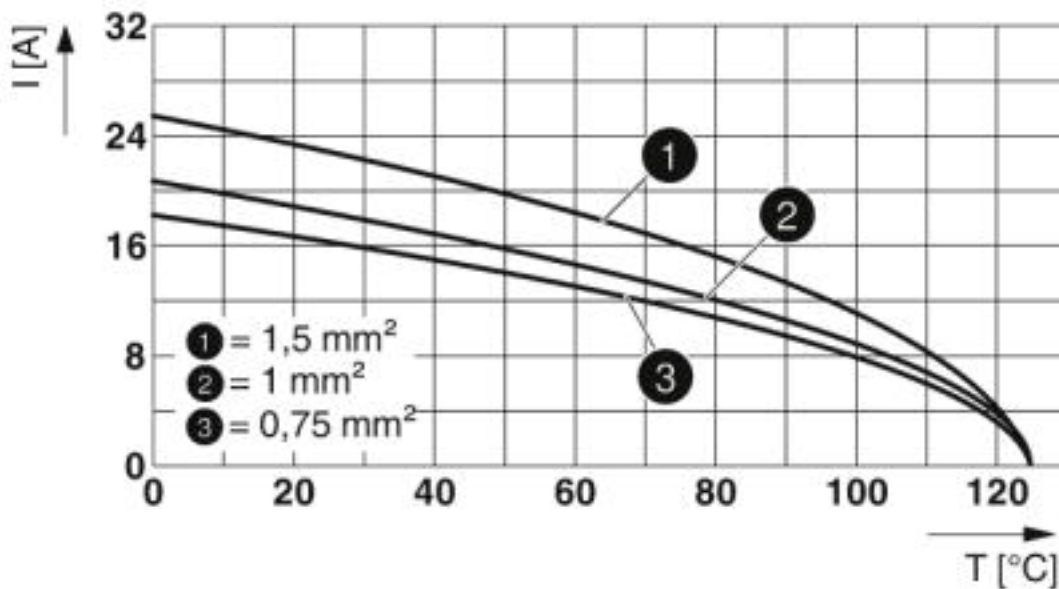
Dimensional drawing



Mounting cutout

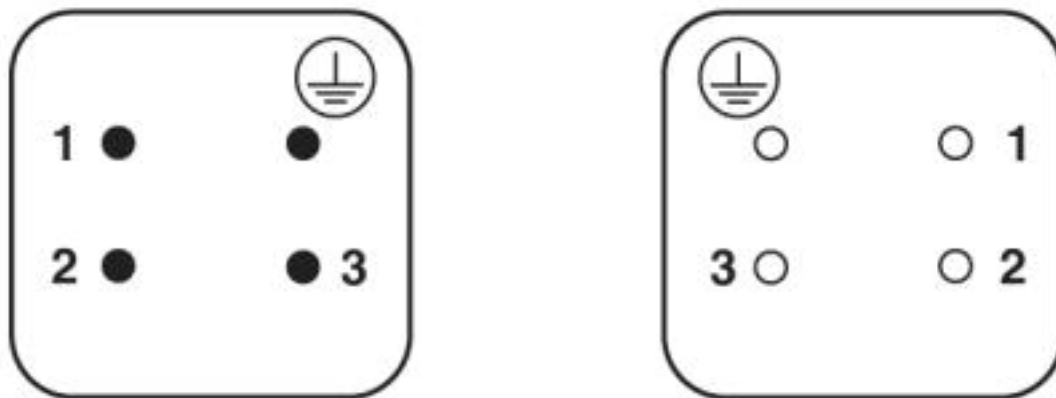
# Connector set - HC-STA-A03PT-BWS-HT-M20-ELCAL - 1424449

Diagram



Derating diagram

Schematic diagram



Pin assignment, connection side, pin left, socket right

## Articles in set

Contact insert - HC-A03-I-PT-M - 1585252



Contact insert, number of positions: 3+PE, size: D7, number of connections per position: 1, Pin, Push-in connection, 230/400 V, 10 A, 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

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## Articles in set

Contact insert - HC-A03-I-PT-F - 1585265



Contact insert, number of positions: 3+PE, size: D7, number of connections per position: 1, Socket, Push-in connection, 230/400 V, 10 A, 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Housing - HC-STA-D07-BWS-EL-AL - 1419249



Panel mounting base D7, with single locking latch, material: Die-cast aluminum, salt water resistant, height: 25.5 mm, cable gland: none, support sleeve: no, Standard

Housing - HC-STA-D07-HHFS-1TTM20-EL-AL - 1419229



Sleeve housing D7, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, height: 60.5 mm, cable gland: none, support sleeve: yes, 1x M20, Standard

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

## Classifications

eCl@ss

eCl@ss 9.0	27440101
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ETIM

ETIM 6.0	EC002636
ETIM 7.0	EC002636

## Approvals

Approvals

## Connector set - HC-STA-A03PT-BWS-HT-M20-ELCAL - 1424449

### Approvals

Approvals

DNV GL

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Ex Approvals

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### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE000037S
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