

This compact rectangular connector insert ensures that there is a powerful drive every time. The 4+2-pin variant is suitable for the power supply and signal transmission of servo drives, for example, and can be (semi-)automatically assembled with a cable thanks to crimp connection technology.

Info

4 power contacts + 2 signal contacts



Benefits

High power up to 40 A despite extremely space-saving design for very small devices.

Crimp connection creates a vibration-proof connection, ensures maximum contacting reliability between contact and cable and is suitable for automated assembly.

Mateable with market standard connectors.

Application range

For connecting devices and machines to a power supply in various applications, including signal transmission.

Typical areas of application are electric motors and servo drives.

For use with housings of the EPIC® H-Q series.

Technical Data

Classification ETIM 5: ETIM 5.0 Class-ID: EC000438
Classification ETIM 6: ETIM 6.0 Class-ID: EC000438

ETIM 6.0 Class-Description: Contact insert for industrial

connectors

Rated voltage (V): IEC: 400/690 V (H-Q contacts)

UL: 600 V (H-Q contacts) CSA: 600 V (H-Q contacts)

Rated impulse voltage: 6KV (H-Q 4 mm contacts)

4KV (H-D 1.6 mm contacts)

Rated current (A): IEC: 40 A (H-Q 4 mm contacts)

10 A (H-D 1.6 mm contacts)

Pollution degree:

Contact resistance: < 4 mOhm

Contacts: Copper alloy, hard silver-plated

Number of contacts: 4 + 2 + PE

Termination methods: Crimp termination: 1.5 - 6.0 mm² (H-Q 4 mm contacts)

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You can find the current technical data in the corresponding data sheet.

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0.14 - 2.5 mm² (H-Q 1.6 mm contacts)

Cycle of mechanical operation: 500

Temperature range: -40°C to +125°C

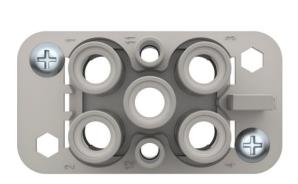
Note

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Article number Article description Contact type Article designation Number of operating contacts Packaging unit 44423373 H-Q 4+2 BCM female machined 4+2 1 44423372 H-Q 4+2 SCM male machined 4+2 1













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