

EPIC® H-Q 4+2

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:

3

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)

Last Update (24.04.2024)

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

PN 0456 / 02_03.16

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	0.14 - 2.5 mm ² (H-Q 1.6 mm contacts)
Cycle of mechanical operation:	500
Temperature range:	-40°C to +125°C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article description	Contact type	Article designation	Number of operating contacts	Pieces / PU
H-Q 4+2 crimp termination					
44420511	H-Q 4+2 SCM	male	machined	4 + 2	1
44420510	H-Q 4+2 BCM	female	machined	4 + 2	1
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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