

Rectangular Connectors HDD Series

TECHNICAL DATA

Inserts:

Number of Contacts: 24, 42, 72, 108, 144, 216 (+PE)

Rated Voltage: VDE: 250V EPIC HDD 24-216

UL: 600V EPIC HDD 24-216

CSA: 600V EPIC HDD 24-216

SEV: 250V EPIC HDD 24-216

Rated Current: VDE: 10A EPIC HDD 24-216

UL: 8.5A EPIC HDD 24-216

SEV: 10A EPIC HDD 24-216

CSA: 20A EPIC HDD 24-216

Pollution Level: 3

Test Voltage: 4 kV

Termination Type: Crimp termination: 0.14 - 2.5mm²

AWG: 22 - 14

Temperature Range: -40°C to 125°C

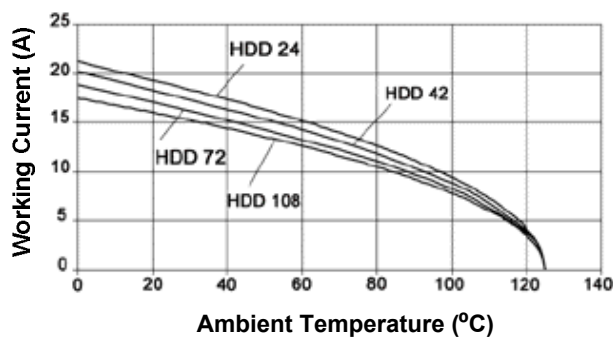
Contacts: Copper alloy, silver plated/ gold plated

Contact Resistance: <2mOhm

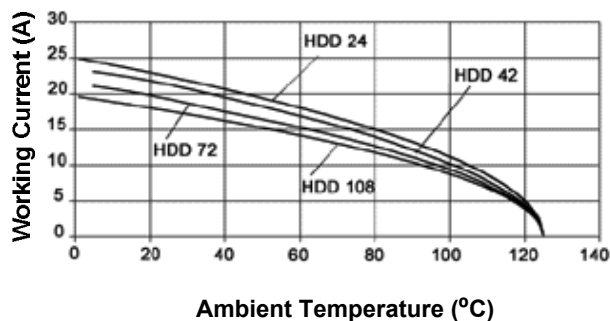
Mating Cycles: 100 (higher mating cycles depends on the application)

TECHNICAL DATA: DERATING CURVES

HDD CRIMP MACHINED: 1.5 mm² (16 AWG)



HDD CRIMP MACHINED: 2.5 mm² (14 AWG)



Rectangular Connectors HDD Series

TECHNICAL DATA: HOUSINGS

Specifications: DIN 43652
Temperature Range: -40°C to +125°C
Protection class: IP65
Material: Aluminum alloy, powder coated

STANDARD GREY COATING (NEMA 4)

PG



NPT



METRIC



HBE 6- 48: aluminum alloy, powder coated (grey), locking levers and bolts made of zinc plated steel.

For industrial applications in demanding environments.

BLACK COATING (NEMA 4X)

PG



NPT



METRIC



HBE 6 - 48 EP: Environmentally Protected: aluminum alloy, powder coated (black), locking levers and bolts made of stainless steel.

For industrial applications in extremely demanding environments with aggressive atmospheres.

NEMA 4X

www.contactelectronics.com
800-221-1451

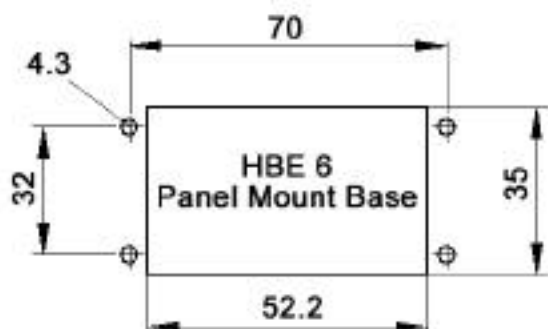
Rectangular Connectors HDD Series

TECHNICAL DATA: HOUSINGS

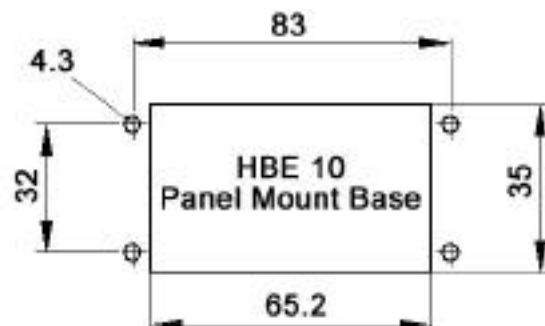
PANEL CUT-OUTS FOR PANEL MOUNT BASES

Specifications: DIN 43652
Temperature Range: -40°C to +125°C
Protection class: IP65
Material: Aluminum alloy, powder coated

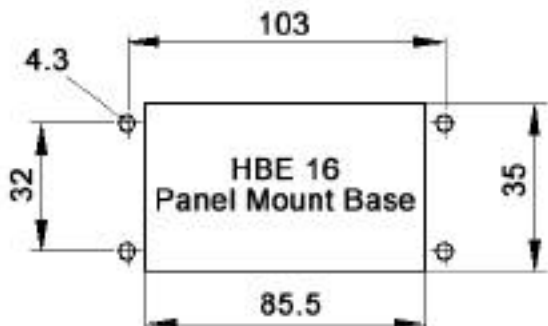
HDD 24 Inserts fit into



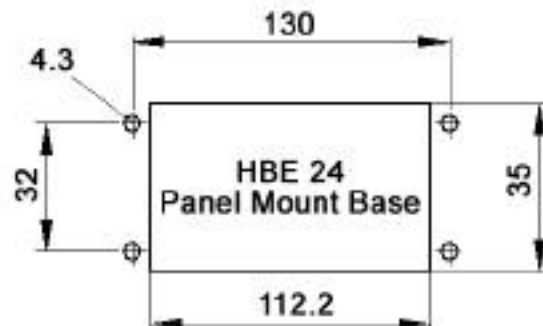
HDD 42 Inserts fit into



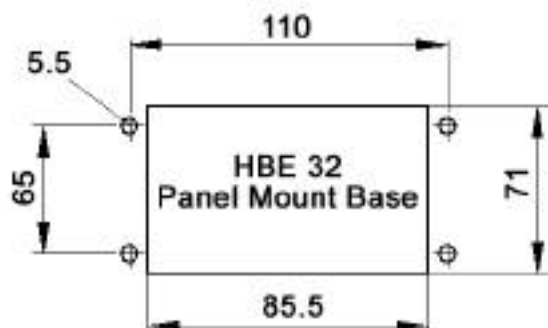
HDD 72 Inserts fit into



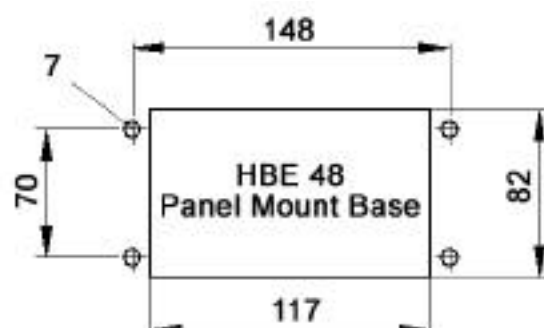
HDD 108 Inserts fit into



HDD 144 Insert



HDD 216 Inserts fit into



All dimensions are in mm.