

Rectangular Connectors HA Series

TECHNICAL DATA: INSERTS

Number of Contacts: 3, 4, 10, 16, 32, 48, 64 (+PE)

Rated Voltage:
VDE: 400V EPIC HA 3-48
UL: 600V EPIC HA 3/4
600V EPIC HA 10-48
CSA: 600V EPIC HA 3-48
SEV: 250V EPIC HA 3-48

Rated Current:
VDE: 10A EPIC HA 3/4
10A EPIC HA 10-48
UL: 10A EPIC HA 3/4
14A EPIC HA 10-48
CSA: 10/16 A EPIC HA 3/4
20A EPIC HA 10-48
SEV: 10A EPIC HA 3-48

Pollution Level: 3

Dimensioning Transient: 4 kV (HA 10, 16)

Termination Type: Screw termination: 0.5-2.5 mm²
AWG: 20 - 14

Temperature Range: -40°C - 125°C

Contacts: Copper alloy, silver plated

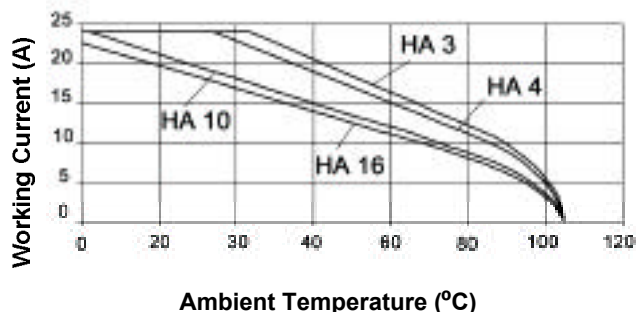
Contact Resistance: 1.5-4 mOhm

Test Voltage: 2.25 kv (HA 3, 4)

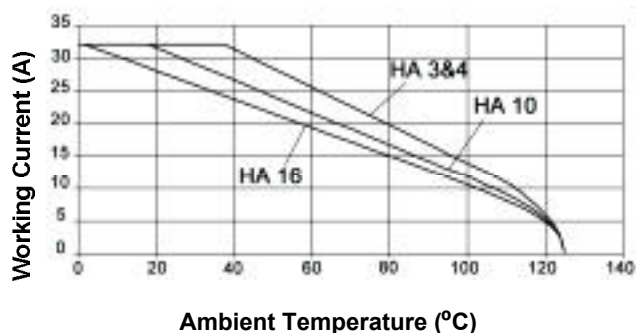
Mating Cycles: 100 (higher mating cycles depending on the application)

TECHNICAL DATA: DERATING CURVES

HA: 1.5 mm² (16 AWG)



HA: 2.5 mm² (14 AWG)



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TECHNICAL DATA: HOUSINGS

Housings:

Specifications: DIN 43652

Temperature Range: -40°C to +125°C

Protection class: IP 65: HA 3, 10, 16, 32, 48, HBE 48

Material: HA 3: Die cast zinc, powder coated/ Thermoplastic flame retardant material rated UL 94 V-0
HA 10-48, HBE 48: aluminum alloy, powder coated

STANDARD GREY COATING (NEMA 4)

PG



NPT



METRIC



DIN 50262

HA 3/4: Die cast zinc, powder coated (Grey)
Thermoplastic flame retardant material rated UL 94 V-0 (Grey or Black Plastic).

PG



NPT



METRIC



DIN 50262

HA 10 - 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



DIN 50262

EP: Environmentally Protected:

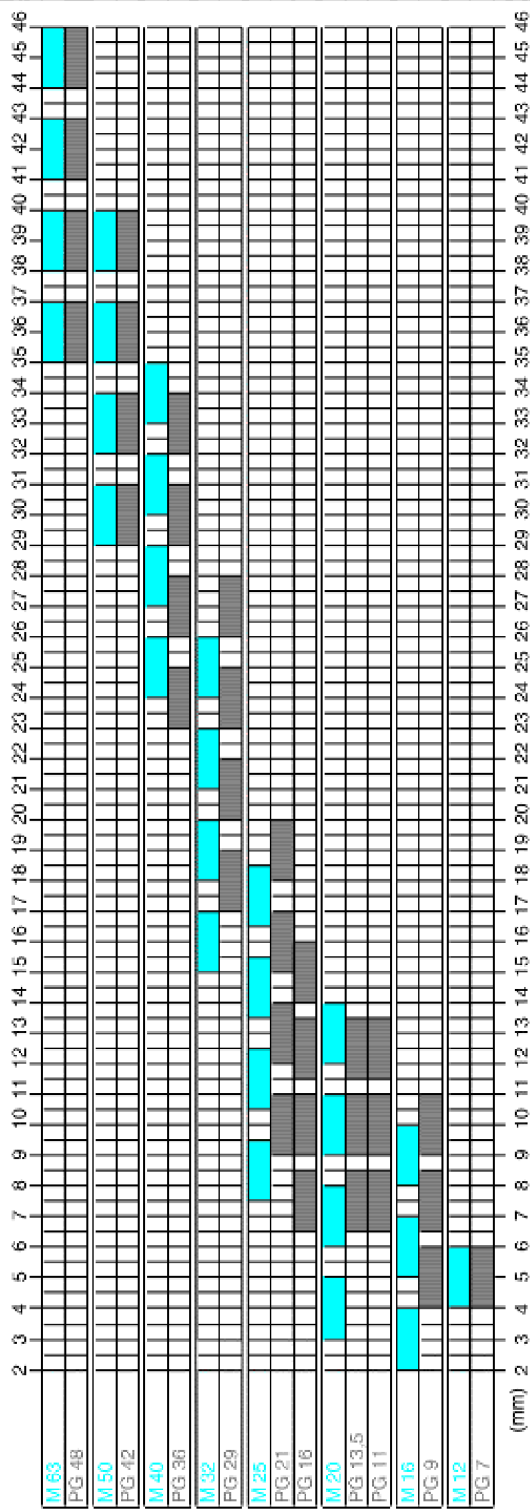
HA 10 - 48: Aluminum alloy, powder coated (black), locking levers and bolts made of stainless steel.
For industrial applications in extremely demanding environments with aggressive atmospheres.

www.contactelectronics.com
800-221-1451

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TECHNICAL DATA: HOUSINGS

**Comparison of the thread dimensions for split seals
of PG thread (DIN 46320)/ Metric thread**

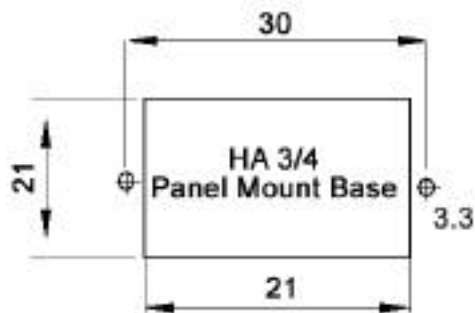


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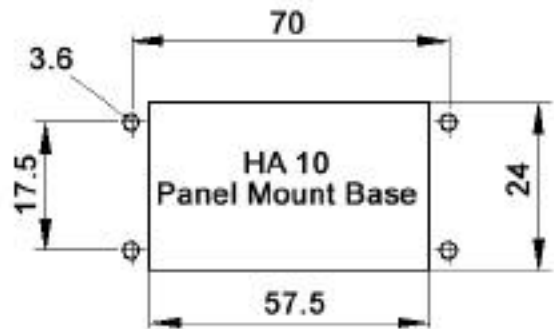
TECHNICAL DATA: HOUSINGS

PANEL CUT-OUTS FOR PANEL MOUNT BASES

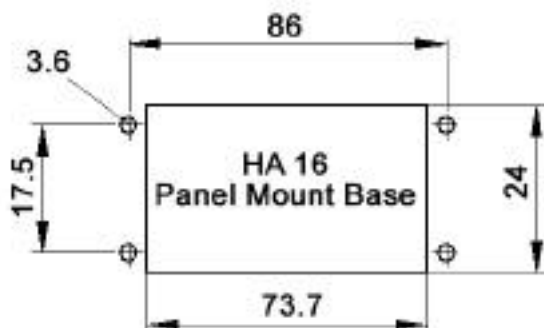
HA 3/4 Inserts fit into



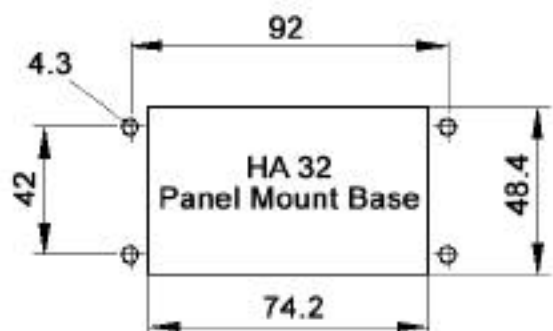
HA 10 Inserts fit into



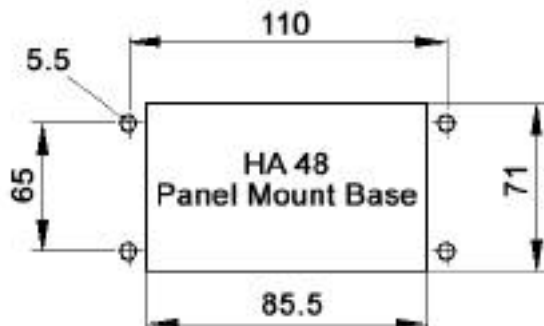
HA 16 Inserts fit into



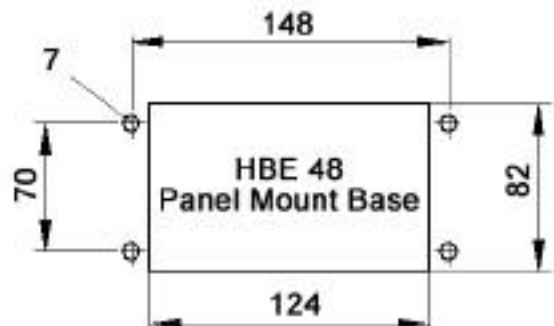
HA 32 Inserts fit into



HA 48 Inserts fit into



HA 64 Inserts fit into



All dimensions are in mm.