

Rectangular Connectors Mixed Power Series

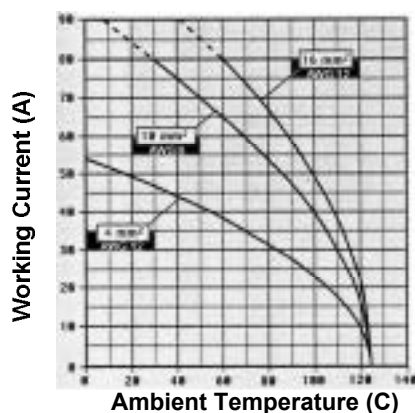
TECHNICAL DATA: INSERTS

| | | | |
|----------------------------|---|---------------------------|--------------------------------|
| Number of Contacts: | 4 Power/ X Signal contacts | DIN VDE 0110/02.79 | 4X8 Principal Poles: |
| Pollution Level: | 3 | | 80A, 400V - 475V |
| Test Voltage: | 3 kV | | |
| Temperature Range: | -140°C to 125°C | | 4X0 and 4/2 Principal Poles: |
| Contact Material: | Copper alloy, hard silver plated | | 80A, 690V - 830V |
| Molding Material: | Thermoplastic resin, fiberglass reinforced | | 4X8 and 4X2 Auxiliary Poles: |
| Contact Resistance: | < 0.3 mOhm | | 16A, 400V - 475V |
| Protection Level: | IP 65/ IP20 | DIN VDE 0110/01.89 | 4X8 Principal Poles: 80A, 400V |
| Termination Type: | Screw | | |
| Insulation Group: | C | | 4X0 and 4/2 Principal Poles: |
| Wire Size: | Screw termination: up to 6 AWG, 16mm ² for power contacts Screw termination: up to 14 AWG, 2.5mm ² for signal contacts | | 80A, 690V |
| | | | 4X8 and 4X2 Auxiliary Poles: |
| | | | 16A, 400V |

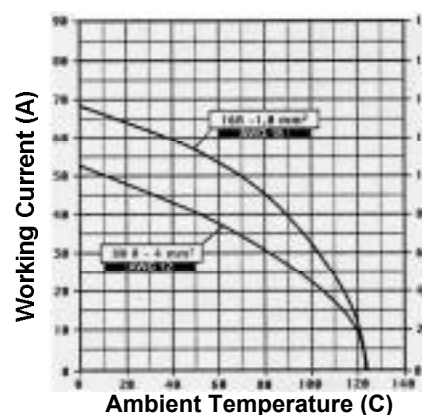
UL File #E115072

TECHNICAL DATA: DERATING CURVES

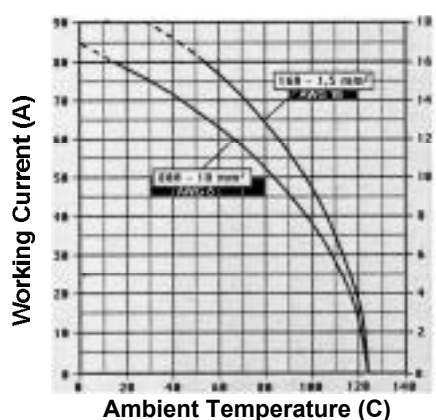
4 POWER/ 0 SIGNAL



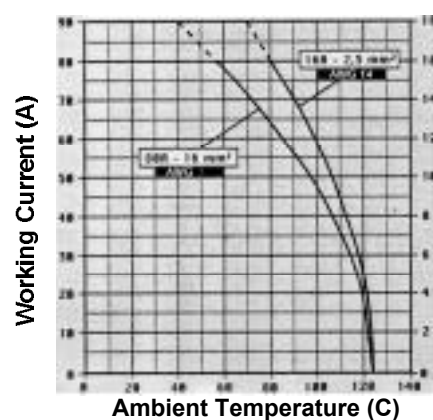
4 POWER/ 2 SIGNAL



4 POWER/ 2 SIGNAL



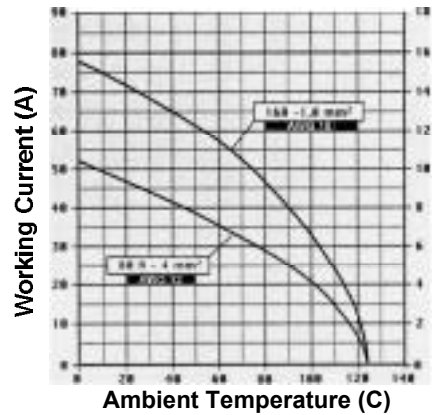
4 POWER/ 2 SIGNAL



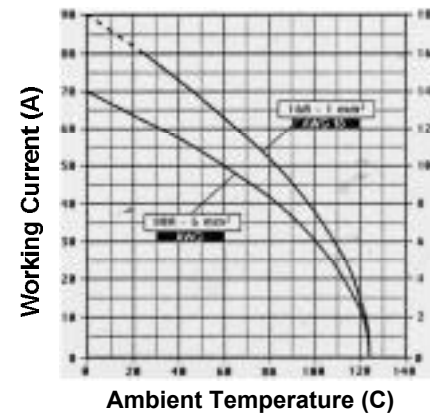
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TECHNICAL DATA: DERATING CURVES

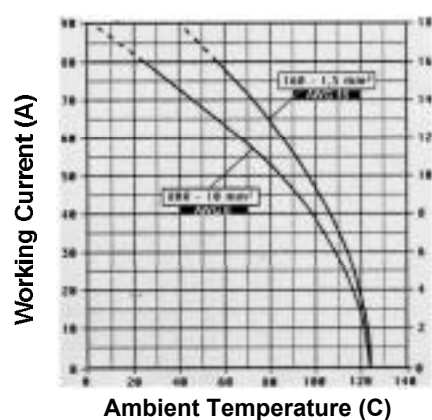
4 POWER/ 8 SIGNAL



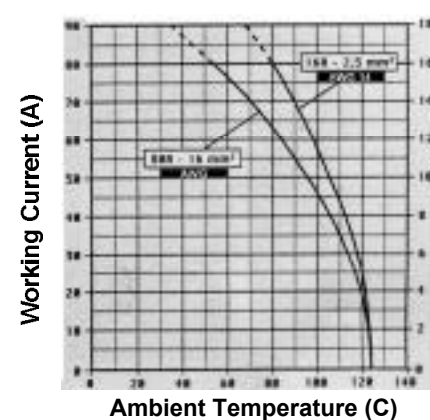
4 POWER/ 8 SIGNAL



4 POWER/ 8 SIGNAL

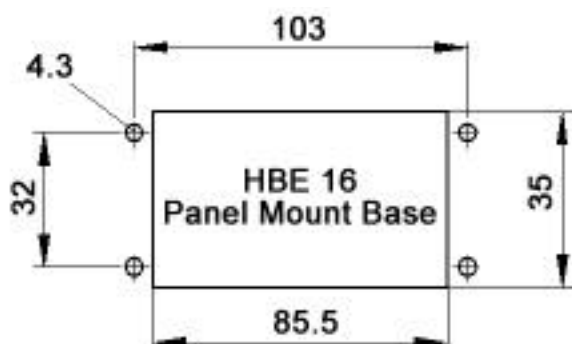


4 POWER/ 8 SIGNAL

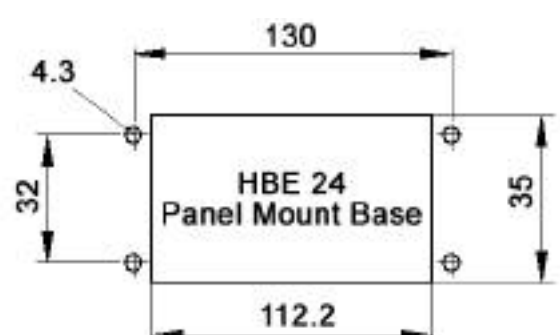


TECHNICAL DATA: HOUSINGS PANEL CUT-OUTS FOR PANEL MOUNT BASES

4X0 and 4X2 Inserts fit into



4X8 Insert fit into



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TECHNICAL DATA: HOUSINGS

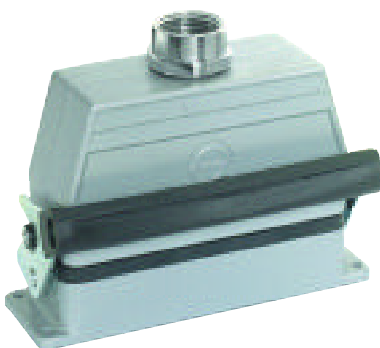
Specifications: DIN 43652
Temperature Range: -40°C to +125°C
Protection class: IP65
Material: Aluminum alloy, powder coated

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

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