



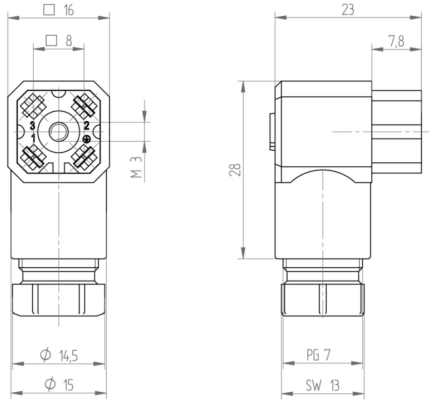
Product: [G 20 W 3 F black](#)

G-Series Power Field Attachable Connector: Female, angled, 3-pin (2+PE), black body, solder type; 230 V AC/DC, 6 A

Product Description

G-Series Power Field Attachable Connector: Female, angled, 3-pin (2+PE), black body, solder type; 230 V AC/DC, 6 A

Technical Drawing



Technical Specifications

Technical Data

| | |
|-----------------------------------|---|
| Product Family: | Power Connector |
| Product Sub Family: | G Series |
| Brand: | Hirschmann |
| Connector Type: | Field Attachable |
| Type of Contact / Gender: | female |
| Connector Design: | angled |
| Number of Pins: | 2+PE |
| Shielding: | Unshielded |
| Attachment Type: | Central Screw |
| Rated Voltage: | 250 V AC/DC |
| Rated Impulse Voltage: | 4.0 kV |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 6 A |
| Contact Resistance: | ≤ 10 mOhm |
| Mating Cycles: | ≤ 50 |
| Type of Connection: | solder |
| Cable Gland: | PG 7 |
| Conductor Cross Section: | max. 0.50 mm ² |
| Suitable Cables: | $\varnothing 3.5$ mm - $\varnothing 6$ mm |
| Ambient Temperature (Operation)*: | -40°C to +90°C |

| | |
|----------------------------------|---------------------------------------|
| Protection Degree / IP Rating**: | IP65 |
| Design Standard: | DIN EN 61984 (VDE 0627) |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |

Materials

| | |
|--------------------------------------|---------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Cu/Sn |
| Contact Bearer Material: | PA GF |
| Contact Bearer Color: | black |
| Flammability Class (Contact Bearer): | UL 94 HB |
| Housing Material: | PA GF |
| Housing Color: | black |
| Flammability Class (Housing): | UL 94 HB |
| Cable Gland Material: | PA GF |
| Cable Gland Color: | black |
| Flammability Class (Cable Gland): | UL 94 HB |
| Attachment Material: | 4.8 , Fe/Zn B |
| Gasket Material: | NBR |

Additional Technical Data

| | |
|----------------------------------|--|
| Fastening Torque (Cable Gland): | PG 7: (150-250) Ncm |
| Fastening Torque (Attachment): | M 3: (50-60) Ncm |
| Accessories to Order Separately: | Central Screw Stainless Steel: 732750003 |

Approvals

| | |
|------|-------------------|
| VDE: | VDE-Reg.-Nr.:3113 |
|------|-------------------|

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|--|
| Note Derating: | Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| Note: | Do not connect or disconnect under load. |

Variants

| Item # | Item Description |
|-----------|------------------|
| 932185100 | G 20 W 3 F black |

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