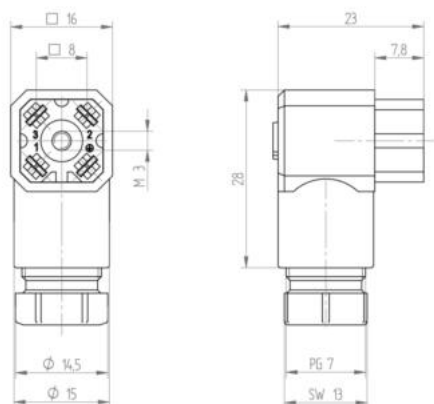


**Product:** [G 30 W 3 F black](#) 

G-Series Power Field Attachable Connector: Female, angled, 4-pin (3+PE), black body, solder type; 230 V AC/DC, 6 A

**Product Description**

G-Series Power Field Attachable Connector: Female, angled, 4-pin (3+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:                   | 3+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 mm²    |
| Suitable Cables:                  | Ø3.5 mm - Ø6 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                         |
| Mating Connectors / Fitting to:  | G 30 E 3 M..., G 30 A 3 M...             |
| 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 |
|-----------|------------------|
| 932186100 | G 30 W 3 F black |

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