

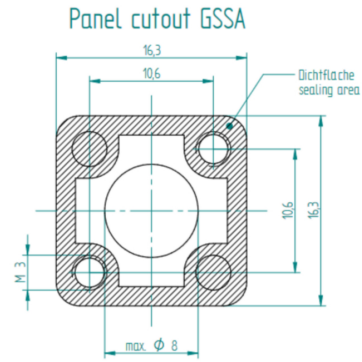
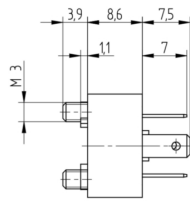
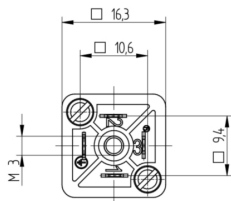
Product: [GSSA 300-1AW](#)

GSSA - Male Receptacle Surface Mount, Form C, Contacts: 3+PE, solder type, 250 V | 6 A, includes NBR flat gasket; cURus 1977

Product Description

Industrial Standard: Male Receptacle Surface Mount, Form C, Contacts: 3+PE, solder type, 250 V | 6 A, includes NBR flat gasket; cURus 1977

Technical Drawing



Technical Specifications

Technical Data

| | |
|---------------------------|--------------------------|
| Product Family: | Valve Connectors |
| Product Sub Family: | GSSA Industrial Standard |
| Brand: | Hirschmann |
| Connector Type: | Receptacle |
| Type of Contact / Gender: | Male |
| Connector Design: | Straight |
| Number of Pins: | 3+PE |
| Coding: | C |
| Shielding: | Unshielded |
| Attachment Type: | 2 screws M 3 x 8 |
| Rated Voltage: | 250 V |
| Rated Voltage (UL): | 250 V |
| Rated Voltage (CSA): | 300 V AC/DC |
| Rated Impulse Voltage: | 4.0 kV |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 6 A |
| Rated Current (UL)*: | 6 A |
| Rated Current (CSA)*: | 6 A |

| | |
|-----------------------------------|---|
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10^9 Ohm |
| Mating Cycles: | ≤ 50 |
| Type of Connection: | Solder |
| Conductor Cross Section: | 0.08 - 0.75 mm² |
| Ambient Temperature (Operation)*: | -40 °C - +125 °C |
| Operating Temperature (UL): | max. + 65 °C |
| Operating Temperature (CSA): | max. + 65 °C |
| Protection Degree / IP Rating**: | IP65 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Overvoltage Category: | III acc. to DIN EN 60664-1 (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 V-2 |
| Housing Color: | black |

Additional Technical Data

| | |
|------------------------------------|-------------|
| Fastening torque (mounting screw): | (50-60) Ncm |
| Mounting: | M3 (2x) |

Approvals

| | |
|----------|-------------|
| UL-File: | E95522 |
| UL: | UL 1977; UR |
| VDE: | yes |
| CSA: | yes |
| SEV: | yes |

Safety & Environmental Compliance

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

Notes

| | |
|-------------------------------------|---|
| Note Derating: | Notice derating |
| Protection Degree / IP Rating Note: | *IP Rating test performed by Belden with Belden Connectors only |
| Note: | Do not connect or disconnect under load. |

Variants

| Item # | Item Description | Gasket | Packaging |
|--------|------------------|---|----------------------------------|
| 36317 | GSSA 300- 1AW | NBR flat gasket included with packaging | Single Pack, 1 piece per package |

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