



Product: [GSA 3000 N + 200-4](#)

Life Cycle Status: Discontinued

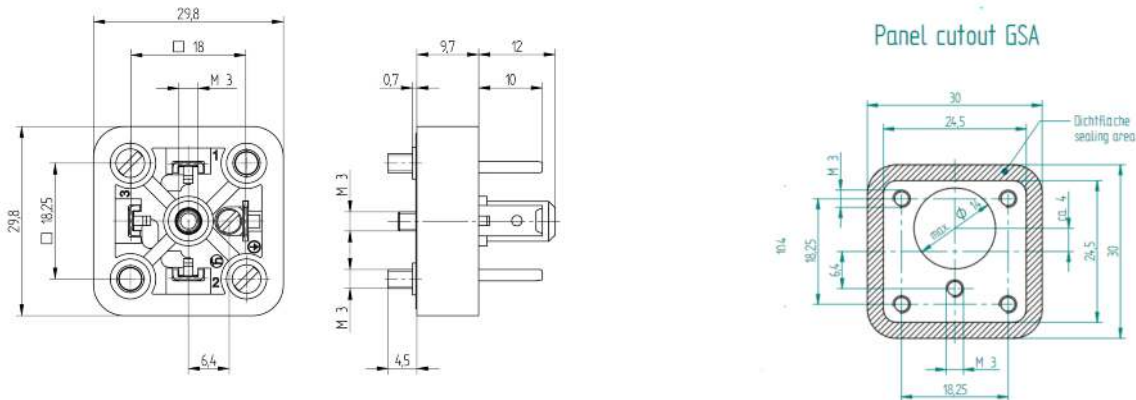
Replaced by: [GSA 3000N-1AW](#)

Discontinued with direct replacement | Replacement: GSA 3000N-1AW

Product Description

175301-803-A (DIN 43650-A): Male Receptacle Surface Mount, Form A, Contacts: 3+PE, solder type (PE screw type), 400 V | 16 A, includes NBR flat gasket; cURus 1977

Technical Drawing



Technical Specifications

Technical Data

| | |
|---------------------------|--|
| Product Family: | Valve Connectors |
| Product Sub Family: | GSA |
| Brand: | Hirschmann |
| Connector Type: | Receptacle |
| Connector Sub Type: | Rectangular receptacle with solder contacts and without oblong holes |
| Type of Contact / Gender: | Male |
| Connector Design: | Straight |
| Number of Pins: | 3+PE |
| Coding: | A |
| Shielding: | Unshielded |
| Attachment Type: | 2 screws M 3 x 10 |
| Replaced by: | ID: 36313 Name: GSA 3000N-1AW |
| Rated Voltage (UL): | 300 V |
| Rated Voltage (CSA): | 250 V |
| Rated Impulse Voltage: | 4.0 kV |
| Rated Current*: | 16 A |
| Rated Current (UL)*: | 15 A |

| | |
|-----------------------------------|---|
| Rated Current (CSA)*: | 10 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Mating Cycles: | ≤ 50 |
| Type of Connection: | Solder / PE Screw |
| Conductor Cross Section: | 0.08 - 1.5 mm ² |
| Ambient Temperature (Operation)*: | -30 °C - +90 °C |
| Operating Temperature (UL): | max. + 90 °C |
| Protection Degree / IP Rating**: | IP65 |
| Design Standard: | DIN EN 175301-803-A, ISO 4400 |
| 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-0 |
| Housing Color: | black |
| Gasket Material: | NBR flat gasket included with packaging |

Additional Technical Data

| | |
|------------------------------------|-------------|
| Fastening Torque (Contact Screw): | (50-60) Ncm |
| 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 |

Variants

| Item # | Item Description | Packaging | Replaced By |
|-----------|-------------------------------|----------------------------------|-------------------------------|
| 932968200 | GSA 3000 N + GSA 200-4 GASKET | Single Pack, 1 piece per package | ID: 36313 Name: GSA 3000N-1AW |

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