



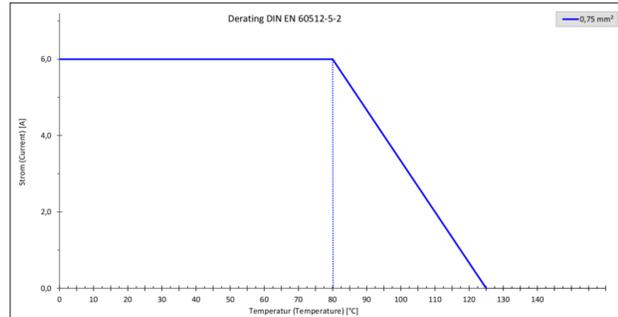
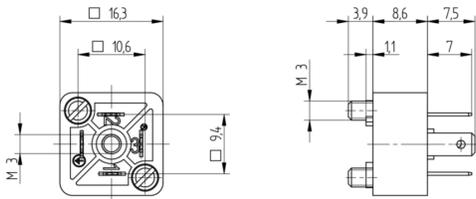
**Product:** [GSSA 300](#)

GSSA Industrial Standard Receptacle: Form C, 4-pin (3+1PE), UL 1977, black contact bearer, solder type; 230 V AC/DC, 6 A

**Product Description**

GSSA Industrial Standard Receptacle: Form C, 4-pin (3+1PE), UL 1977, black contact bearer, solder type; 230 V AC/DC, 6 A

**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:          | Central Screw            |
| 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 <sup>9</sup> Ohm    |

|                                   |   |
|-----------------------------------|---|
| Mating Cycles:                    | ≤ 50                                    |
| Type of Connection:               | Solder                                  |
| Conductor Cross Section:          | 0.08 - 0.75 mm <sup>2</sup>             |
| 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/Au     |
| 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: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| Note:                               | Do not connect or disconnect under load.   |

## Variants

| Item #    | Item Description |
|-----------|------------------|
| 933116100 | GSSA 300         |

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