

## DSUB SV MA TWW STR 25P AU2



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 67 025 5616                                                                |
| Specification      | DSUB SV MA TWW STR 25P AU2                                                    |
| HARTING eCatalogue | <a href="https://harting.com/09670255616">https://harting.com/09670255616</a> |

### Identification

|                            |                    |
|----------------------------|--------------------|
| Category                   | Connectors         |
| Series                     | D-Sub              |
| Identification             | Standard           |
| Element                    | Connector          |
| Description of the contact | Turned<br>Straight |

### Version

|                    |                                               |
|--------------------|-----------------------------------------------|
| Termination method | Wrap termination                              |
| Gender             | Male                                          |
| Size               | D-Sub 3                                       |
| Connection type    | PCB to cable                                  |
| Number of contacts | 25                                            |
| Termination length | 13.65 mm                                      |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                       |                     |
|-----------------------|---------------------|
| Distance between rows | 2.54 mm             |
| Rated current         | 7.5 A               |
| Clearance distance    | ≥1 mm               |
| Creepage distance     | ≥1 mm               |
| Insulation resistance | >10 <sup>10</sup> Ω |
| Contact resistance    | ≤10 mΩ              |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Limiting temperature      | -55 ... +125 °C               |
| Insertion force           | ≤83 N                         |
| Withdrawal force          | ≥7.8 N<br>≤56 N               |
| Performance level         | 2<br>acc. to CECC 75301-802   |
| Mating cycles             | ≥250                          |
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |
| Hot plugging              | No                            |

## Material properties

|                                           |                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: Plated steel |
| Colour (insert)                           | White                                                                 |
| Material (contacts)                       | Copper alloy                                                          |
| Surface (contacts)                        | Noble metal over Ni                                                   |
| Material flammability class acc. to UL 94 | V-0                                                                   |
| RoHS                                      | compliant with exemption                                              |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight                |
| ELV status                                | compliant with exemption                                              |
| China RoHS                                | 50                                                                    |
| REACH Annex XVII substances               | Not contained                                                         |
| REACH ANNEX XIV substances                | Not contained                                                         |
| REACH SVHC substances                     | Yes                                                                   |
| REACH SVHC substances                     | Lead                                                                  |
| ECHA SCIP number                          | ecef7555-f643-4ceb-a337-fc54762297f1                                  |
| California Proposition 65 substances      | Yes                                                                   |
| California Proposition 65 substances      | Lead<br>Nickel                                                        |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                                  |
| Requirement set with Hazard Levels        | R26                                                                   |

## Specifications and approvals

|                |           |
|----------------|-----------|
| Specifications | DIN 41652 |
|----------------|-----------|

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 25                     |
| Net weight                     | 15 g                   |
| Country of origin              | Germany                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140092068          |
| eCl@ss                         | 27440214 D-Sub coupler |
| ETIM                           | EC001136               |
| UNSPSC 24.0                    | 39121469               |