

Data sheet

Commercial Art.No.: X6.052.5053.0

Device connector RST20i5SXS1 M01V GL

RST20i5 device connector M25 with ATEX-authorization, 5 pole, male, screw connection, application 250/400V with PE, 20A, coding color light grey



| | |
|--------------------|---------------|
| Commercial Art.No. | X6.052.5053.0 |
| EAN | 4049088089121 |
| Order Unit | 1 |

Certificates / Approvals

SEV-Ex

Technical data

Classification

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|------------|----------|
| ECLASS 11 | |
| ECLASS 8.1 | 27440602 |
| ETIM 7.0 | EC002566 |
| ETIM 6.0 | EC002566 |
| ETIM 5.0 | EC002566 |
| ETIM 4.0 | EC002566 |

General

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|----------------------------------|----------------------------------|
| Rated current | 20 A |
| Rated voltage | 250 V / 400 V |
| Pollution degree | 3 |
| Rated impulse voltage | 4 kV |
| Lockable | self-locking (unlocking by tool) |
| Color of coding/ contact carrier | light grey |
| Marking of poles | 1, 2, 3, N, PE |
| Explosion-tested version | yes |

Model

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|---|-----------------------|
| Model | male |
| Connection type | screw connection |
| Connecting thread metric | M25 |
| Angle of plug | straight |
| Degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| Thickness of housings (electrical device) 2 | 0.5 mm |

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|---|------|
| Thickness of housings (electrical device) | 8 mm |
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Material

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|--|---------------|
| Housing material | Polyamide |
| halogen free | yes |
| Contact material | CuZn |
| Fire load | 0.13 kWh |
| Insulation components continuous temperature | 100 °C |
| Surface finish | Silver-plated |

Connection Data

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|---|---------------------|
| Connection cross section solid mm ² max. | 2.5 mm ² |
| Connection cross section solid mm ² min. | 1.5 mm ² |
| Connection cross section fine stranded mm ² max. | 2.5 mm ² |
| Connection cross section fine stranded mm ² min. | 1.5 mm ² |
| Terminations per pole | 1 |
| Wire strip length | 8 mm |

Dimensions

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|--------|---------|
| Length | 49.4 mm |
| Width | 35 mm |
| Height | 35 mm |

Note

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| Note | fine-stranded and stranded wires have to be used without ferrules; Positioning realised with flattened thread |
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Product compliance

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|------------------------------|--------------------|
| ROHS conformity status | Compliant/Exempted |
| ROHS exceptions | III-6(c) |
| REACH-SVHC conformity status | Duty-To-Declare |
| REACH-SVHC substances | Lead |
| REACH-SVHC CAS numbers | 7439-92-1 |

Accessories

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|-----------------------------|---|
| 05.565.9953.0 | Cover for male connector GL | RST20i5/4 cover piece, for covering unused male connectors, color light grey |
| 99.531.0000.7 | Cover for male connector GL | RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color light grey |

Fits with

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|------------------------------|--|
| X6.051.4053.0 | Connector RST20i5SXB1 ZR1 GL | RST20i5 connector with ATEX-authorization, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey |

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|---------------|------------------------------|--|
| X6.051.4153.0 | Connector RST20I5SXB1 ZR2 GL | RST20i5 connector with ATEX-authorization, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color light grey, color of housing light grey |
| X6.051.4353.0 | Connector RST20I5SXB1 ZRY GL | RST20i5 splitter connector with ATEX-authorization, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color light grey, color of housing light grey |