

Data sheet

Commercial Art.No.: X6.031.4253.1

Connector RST20I3SXB2 ZRX SW

RST20i3 splitter connector with ATEX-authorization, 3 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black



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|--------------------|---------------|
| Commercial Art.No. | X6.031.4253.1 |
| EAN | 4049088047664 |
| Order Unit | 1 |

Certificates / Approvals

SEV-Ex

Technical data

Classification

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|------------|----------|
| ECLASS 11 | |
| ECLASS 8.1 | 27440605 |
| ETIM 7.0 | EC002560 |
| ETIM 6.0 | EC002560 |
| ETIM 5.0 | EC002560 |
| ETIM 4.0 | EC002560 |

General

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|--|----------------------------------|
| Rated current | 20 A |
| Rated voltage | 250 V |
| Rated impulse voltage | 4 kV |
| strain relief | yes |
| Pollution degree | 3 |
| Lockable | self-locking (unlocking by tool) |
| Color of coding/ contact carrier | black |
| Marking of poles | L, N, PE |
| Color of housing inclusive strain relief | black |
| Explosion-tested version | yes |

Connection Data

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|---|---------------------|
| Cable diameter max. | 10 mm |
| Cable diameter min. | 6 mm |
| Connection cross section solid mm ² max. | 4 mm ² |
| Connection cross section solid mm ² min. | 1.5 mm ² |
| Connection cross section fine stranded mm ² max. | 4 mm ² |

| | |
|---|---------------------|
| Connection cross section fine stranded mm ² min. | 1.5 mm ² |
| Terminations per pole | 1 |
| sheath strip length | 40.5 mm |
| Wire strip length | 8 mm |

Model

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|---------------------------|-----------------------|
| Model | female |
| Connection type | screw connection |
| Degree of protection (IP) | IP66/68 (3m;2h) /IP69 |

Material

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|--|---------------|
| Housing material | Polyamide |
| halogen free | yes |
| Contact material | CuZn |
| Fire load | 0.516 kWh |
| Insulation components continuous temperature | 100 °C |
| Surface finish | Silver-plated |

Dimensions

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|--------|-------|
| Length | 97 mm |
| Width | 59 mm |
| Height | 38 mm |

Note

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| Note | RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1. |
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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: |
|---------------------|-------------------------------|--|
| 99.414.6205.2 | Cover for female connector SW | RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color schwarz |
| Z5.564.4553.1 | Cover for female connector SW | RST20i3/2 cover piece, for covering unused female connectors, color black |

Fits with

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|---------------------------------|---|
| X6.030.0153.1 | Distributor RST20i3VX3P1 F V SW | RST20i3 distribution block with ATEX-authorization, 3 pole, application 250V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black |

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|---------------|--------------------------------------|---|
| X6.032.5053.1 | Device connector RST20I3S S1 M01V SW | RST20i3 device connector M25with ATEX-authorization, , 3 pole, male, screw connection, application 250V with PE, 20A, coding color black |
| X6.032.6053.1 | Device connector RST20I3SXS1 M00V SW | RST20i3 device connector M20with ATEX-authorization, , 3 pole, male, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black |