


Part number

# JDSF 27 N



Female insert, JDS series, spring terminal connection, 27 poles + PE (28-54), 10 A 400 V 6 kV 3, size "77.62"

#### Product description

|  |  |
|--|--|
| <b>Product type</b>                      | Insert   |
| <b>Series</b>                            | JDS  |
| <b>Connection type</b>                   | Spring terminal connection   |
| <b>Gender</b>                            | Female   |
| <b>N. of poles</b>                       | 54 poles +  |
| <b>Size</b>                              | Size 77.62   |
| <b>Technical data</b>                    |  |
| <b>Current</b>                           | 10 A   |
| <b>Voltage</b>                           | 400 V  |
| <b>Rated impulse withstand voltage</b>   | 6 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600V   |
| <b>Wire cross-section</b>                | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>  |
| <b>AWG size</b>                          | 26 - 14  |
| <b>Contact type</b>                      | Turned tin plated  |
| <b>Pole numbering system</b>             | 28-54  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66 with enclosure   |

#### Further technical details

|   |                                    |
|---|------------------------------------|
| <b>Characteristics according to EN 61984</b>  | 10A 400V 6kV 3; 10A 400/690V 6kV 2 |
| <b>Mating cycles</b>                          | ≥ 200                              |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                            |
| <b>Weight</b>                                 | 96,00 g                            |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                 |
| <b>UL 94 flammability rating</b>              | V-0                                |

#### Material properties

|                              |  |
|------------------------------|--|
| <b>Main material</b>         | Polycarbonate (PC)   |
| <b>Other materials</b>       | Contacts: copper alloy   |
| <b>Colour</b>                | RAL 7035 grey  |
| <b>RoHs conformity</b>       | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| <b>China RoHs - EFUP</b>     | 50   |
| <b>REACH SVHC substances</b> | Yes<br>Lead  |
| <b>SCIP number</b>           | 1a9c93ff-0445-4a16-81e3-1609ac5274d6   |
| <b>Approvals / Standards</b> |  |
| <b>Reference standard</b>    | EN 61984:2009-06   |
| <b>Certifications</b>        | CSA, CQC, DNV, BV, EAC   |
| <b>UL</b>                    | ECBT2  |
| <b>cUL</b>                   | ECBT8  |

#### General ordering information

|                   |               |
|-------------------|---------------|
| <b>EAN13 code</b> | 8015747202060 |
|-------------------|---------------|

#### Packaging Information

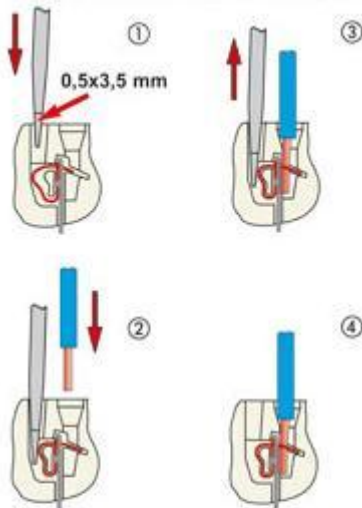
|                                  |                      |
|----------------------------------|----------------------|
| <b>Packaging length</b>          | 230,00 mm            |
| <b>Packaging height</b>          | 110,00 mm            |
| <b>Packaging width</b>           | 180,00 mm            |
| <b>Packaging weight</b>          | 3,27 kg              |
| <b>Packaging volume</b>          | 4,55 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 30 Pcs               |
| <b>Packaging EAN code</b>        | 8015747202077        |
| <b>Sub-packaging length</b>      | 87,00 mm             |
| <b>Sub-packaging height</b>      | 36,00 mm             |
| <b>Sub-packaging width</b>       | 180,00 mm            |
| <b>Sub-packaging weight</b>      | 0,55 kg              |
| <b>Sub-packaging volume</b>      | 0,56 dm <sup>3</sup> |
| <b>Sub-packaging description</b> | Carton tray          |
| <b>Sub-packaging quantity</b>    | 5 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747202084        |

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## Notes



### California Proposition 65 Information



**WARNING**

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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