

Part number

# JDSF 42 N



Female insert, JDS series, spring terminal connection, 42 poles + PE (43-84), 10 A 400 V 6 kV 3, size "104.62"

| Product description                    |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       |
| Series                                 | JDS                                                                                          |
| Connection type                        | Spring terminal connection                                                                   |
| Gender                                 | Female                                                                                       |
| N. of poles                            | 84 poles +  |
| Size                                   | Size "104.62"                                                                                |
| Technical data                         |                                                                                              |
| Current                                | 10 A                                                                                         |
| Voltage                                | 400 V                                                                                        |
| Rated impulse withstand voltage        | 6 kV                                                                                         |
| Pollution degree                       | 3                                                                                            |
| Rated voltage according to UL/CSA      | 600V                                                                                         |
| Wire cross-section                     | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                                                  |
| AWG size                               | 26 - 14                                                                                      |
| Contact type                           | Turned tin plated                                                                            |
| Pole numbering system                  | 43-84                                                                                        |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                             |
| Further technical details              |                                                                                              |
| Characteristics according to EN 61984  | 10A 400V 6kV 3; 10A 400/690V 6kV 2                                                           |
| Mating cycles                          | ≥ 200                                                                                        |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      |
| Weight                                 | 116,00 g                                                                                     |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           |
| UL 94 flammability rating              | V-0                                                                                          |

| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| Colour                       | RAL 7035 grey                                                                  |
| RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP            | 50                                                                             |
| REACH SVHC substances        | Yes<br>Lead                                                                    |
| SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Approvals / Standards        |                                                                                |
| Reference standard           | EN 61984:2009-06                                                               |
| Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| UL                           | ECBT2                                                                          |
| cUL                          | ECBT8                                                                          |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747202091                                                                  |
| Packaging Information        |                                                                                |
| Packaging length             | 270,00 mm                                                                      |
| Packaging height             | 75,00 mm                                                                       |
| Packaging width              | 180,00 mm                                                                      |
| Packaging weight             | 3,84 kg                                                                        |
| Packaging volume             | 3,65 dm <sup>3</sup>                                                           |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 30 Pcs                                                                         |
| Packaging EAN code           | 8015747202107                                                                  |
| Sub-packaging length         | 113,00 mm                                                                      |
| Sub-packaging height         | 36,00 mm                                                                       |
| Sub-packaging width          | 180,00 mm                                                                      |
| Sub-packaging weight         | 0,64 kg                                                                        |
| Sub-packaging volume         | 0,73 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747202114                                                                  |

Part number

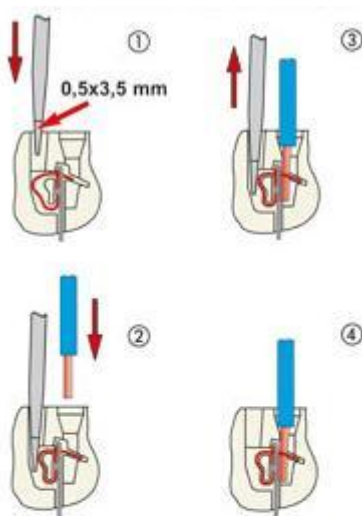
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## Notes

Dimensions shown in mm are not binding and may be changed without notice.

Connection with spring terminal



CR CDS coding pin

### 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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