

Part number

# JSHM 16



Male insert, JSH series, SQUICH® spring terminal connection without tools, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27"

## Product description

|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| Product type    | Insert                                                                                       |
| Series          | JSH                                                                                          |
| Connection type | SQUICH® spring terminal connection without tools                                             |
| Gender          | Male                                                                                         |
| N. of poles     | 16 poles +  |
| Size            | Size 77.27                                                                                   |

## Technical data

|                                   |                                                            |
|-----------------------------------|------------------------------------------------------------|
| Current                           | 16 A                                                       |
| Voltage                           | 500 V                                                      |
| Pollution degree                  | 3                                                          |
| Rated voltage according to UL/CSA | 600V                                                       |
| Wire cross-section                | 0,14 mm² - 2,50 mm²                                        |
| AWG size                          | 26 - 14                                                    |
| Contact type                      | Turned tin plated                                          |
| IP degree of protection           | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

## Further technical details

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Characteristics according to EN 61984  | 16A 500V 6kV 3; 16A 400/690V 6kV 2 |
| Mating cycles                          | ≥ 200                              |
| Insulation resistance                  | ≥ 10 GΩ                            |
| Weight                                 | 86,33 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 |

## General ordering information

|            |               |
|------------|---------------|
| EAN13 code | 8015747090711 |
|------------|---------------|

## Packaging Information

|                           |               |
|---------------------------|---------------|
| Packaging length          | 245,00 mm     |
| Packaging height          | 165,00 mm     |
| Packaging width           | 215,00 mm     |
| Packaging weight          | 3,04 kg       |
| Packaging volume          | 8,69 dm³      |
| Packaging description     | Carton box    |
| Packaging quantity        | 30 Pcs        |
| Packaging EAN code        | 8015747090728 |
| Sub-packaging length      | 197,00 mm     |
| Sub-packaging height      | 44,00 mm      |
| Sub-packaging width       | 113,00 mm     |
| Sub-packaging weight      | 0,51 kg       |
| Sub-packaging volume      | 0,98 dm³      |
| Sub-packaging description | Carton tray   |
| Sub-packaging quantity    | 5 Pcs         |
| Sub-packaging EAN barcode | 8015747090735 |