

Part number

# CSAHM 16



Male insert, CSAH series, SQUICH® spring terminal connection without tools, 16 poles + PE, 16 A 250 V 4 kV 3, size "66.16"

| Product description                    |                                                                                               | Material properties          |                                                                                |
|----------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                        | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CSAH                                                                                          | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | SQUICH® spring terminal connection without tools                                              | Colour                       | RAL 7032 grey                                                                  |
| Gender                                 | Male                                                                                          | RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 16 poles +  | China RoHs - EFUP            | 50                                                                             |
| Size                                   | Size "66.16"                                                                                  | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                                                               | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 16 A                                                                                          | Approvals / Standards        |                                                                                |
| Voltage                                | 250 V                                                                                         | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 4 kV                                                                                          | Certifications               | DNV, BV, EAC, CQC                                                              |
| Pollution degree                       | 3                                                                                             | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                                                         | cUL                          | ECBT8                                                                          |
| Wire cross-section                     | 0,14 mm² - 2,50 mm²                                                                           | General ordering information |                                                                                |
| AWG size                               | 26 - 14                                                                                       | EAN13 code                   | 8015747214605                                                                  |
| Contact type                           | Turned silver plated                                                                          | eCl@ss 8.1                   | 27440205                                                                       |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                              | ETIM 7.0                     | EC000438                                                                       |
| Further technical details              |                                                                                               | Packaging Information        |                                                                                |
| Characteristics according to EN 61984  | 16A 250V 4kV 3; 16A 230/400V 4kV 2                                                            | Packaging length             | 260,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                                                         | Packaging height             | 120,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                                                       | Packaging width              | 140,00 mm                                                                      |
| Contact resistance                     | ≤ 3 mΩ                                                                                        | Packaging weight             | 2,20 kg                                                                        |
| Weight                                 | 63,70 g                                                                                       | Packaging volume             | 4,37 dm³                                                                       |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                            | Packaging description        | Carton box                                                                     |
| Conductors stripping length            | 9...11 mm                                                                                     | Packaging quantity           | 30 Pcs                                                                         |
| UL 94 flammability rating              | V-0                                                                                           | Packaging EAN code           | 8015747214674                                                                  |
| Tightening torque for PE connection    | M3,5: 0,8 Nm; 7,1 lb.in (Ph1 or 0,8 x 5,5 mm)                                                 | Sub-packaging length         | 127,00 mm                                                                      |
|                                        |                                                                                               | Sub-packaging height         | 45,00 mm                                                                       |
|                                        |                                                                                               | Sub-packaging width          | 79,00 mm                                                                       |
|                                        |                                                                                               | Sub-packaging weight         | 0,37 kg                                                                        |
|                                        |                                                                                               | Sub-packaging volume         | 0,45 dm³                                                                       |
|                                        |                                                                                               | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                                               | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                                                               | Sub-packaging EAN barcode    | 8015747214681                                                                  |

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## Notes

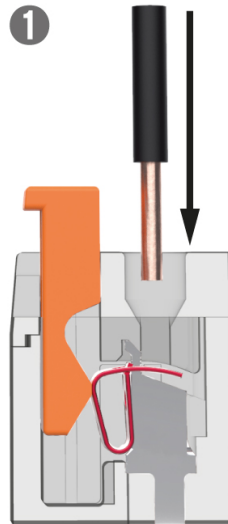
### California Proposition 65 Information



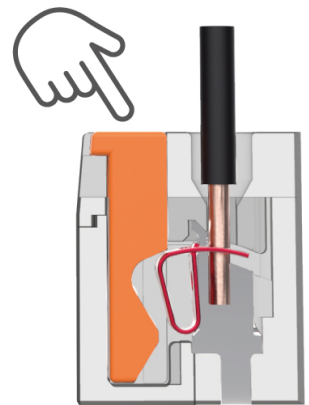
#### WARNING

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).

1



2



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