

Part number

# CMSHM 06 N



Male insert, CMSH series, SQUICH® spring terminal connection without tools, 6 + 2 poles + PE (17-32), 16 A 830 V 8 kV 3 / 16 A 500 V 6 kV 3, size "77.62"

| Product description    |  |
|------------------------|--|
| <b>Product type</b>    | Insert   |
| <b>Series</b>          | CMSH   |
| <b>Connection type</b> | SQUICH® spring terminal connection without tools |
| <b>Gender</b>          | Male   |
| <b>N. of poles</b>     | 12 poles +                                       |
| <b>Auxiliary poles</b> | 2 poles  |
| <b>Size</b>            | Size 77.62                                       |

| Technical data                           |  |
|--|--|
| <b>Current</b>                           | 16 A   |
| <b>Voltage</b>                           | 830 V  |
| <b>Rated impulse withstand voltage</b>   | 8 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600 V  |
| <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 silver plated                             |
| <b>Pole numbering system</b>             | 17-32  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66 with enclosure |

| Further technical details                     |   |
|---|---|
| <b>Characteristics according to EN 61984</b>  | 16A 830V 8kV 3 (aux: 16A 500V 6kV 3); 16A 1000V 8kV 2 (power contacts only) |
| <b>Mating cycles</b>                          | ≥ 500   |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ   |
| <b>Contact resistance</b>                     | ≤ 3 mΩ  |
| <b>Weight</b>                                 | 80,00 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 7032 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   |

| Approvals / Standards     |                   |
|---------------------------|-------------------|
| <b>Reference standard</b> | EN 61984:2009-06  |
| <b>Certifications</b>     | DNV, BV, EAC, CQC |
| <b>UL</b>                 | ECBT2             |
| <b>cUL</b>                | ECBT8             |

| General ordering information |               |
|------------------------------|---------------|
| <b>EAN13 code</b>            | 8015747214001 |
| <b>eCl@ss 8.1</b>            | 27440205      |
| <b>ETIM 7.0</b>              | EC000438      |

| Packaging Information            |                      |
|----------------------------------|----------------------|
| <b>Packaging length</b>          | 245,00 mm            |
| <b>Packaging height</b>          | 165,00 mm            |
| <b>Packaging width</b>           | 215,00 mm            |
| <b>Packaging weight</b>          | 2,40 kg              |
| <b>Packaging volume</b>          | 8,69 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 30 Pcs               |
| <b>Packaging EAN code</b>        | 8015747214193        |
| <b>Sub-packaging length</b>      | 197,00 mm            |
| <b>Sub-packaging height</b>      | 44,00 mm             |
| <b>Sub-packaging width</b>       | 113,00 mm            |
| <b>Sub-packaging weight</b>      | 0,40 kg              |
| <b>Sub-packaging volume</b>      | 0,98 dm <sup>3</sup> |
| <b>Sub-packaging description</b> | Carton tray          |
| <b>Sub-packaging quantity</b>    | 5 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747214209        |

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## Notes

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

### California Proposition 65 Information



**WARNING**

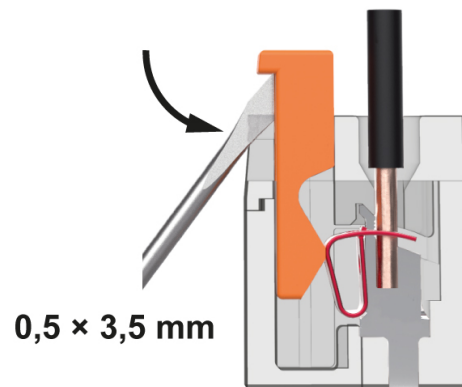
This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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Reopening

SQUICH® connection with actuator button