

Part number

# CDSHF 09



Female insert, CDSH series, SQUICH® spring terminal connection without tools, 9 poles + PE, 10 A 400 V 6 kV 3, size "44.27"

## Product description

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Product type    | Insert                                                                                      |
| Series          | CDSH                                                                                        |
| Connection type | SQUICH® spring terminal connection without tools                                            |
| Gender          | Female                                                                                      |
| N. of poles     | 9 poles +  |
| Size            | Size 44.27                                                                                  |

## Technical data

|                                   |                                                            |
|-----------------------------------|------------------------------------------------------------|
| Current                           | 10 A                                                       |
| Voltage                           | 400 V                                                      |
| Rated impulse withstand voltage   | 6 kV                                                       |
| Pollution degree                  | 3                                                          |
| Rated voltage according to UL/CSA | 600 V                                                      |
| Wire cross-section                | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                |
| AWG size                          | 26 - 14                                                    |
| Contact type                      | Turned silver plated                                       |
| IP degree of protection           | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

## Further technical details

|                                        |                    |
|----------------------------------------|--------------------|
| Mating cycles                          | ≥ 500              |
| Insulation resistance                  | ≥ 10 GΩ            |
| Contact resistance                     | ≤ 3 mΩ             |
| Weight                                 | 52,70 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 7032 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     | DNV, BV, EAC, CQC |
| UL                 | ECBT2             |
| cUL                | ECBT8             |

## General ordering information

|            |               |
|------------|---------------|
| EAN13 code | 8015747222563 |
| eCl@ss 8.1 | 27440205      |
| ETIM 7.0   | EC000438      |

## Packaging Information

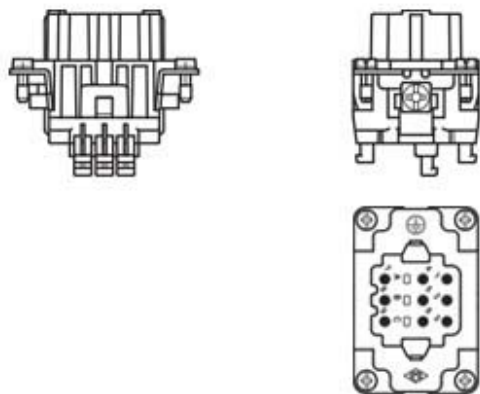
|                           |                      |
|---------------------------|----------------------|
| Packaging length          | 245,00 mm            |
| Packaging height          | 165,00 mm            |
| Packaging width           | 215,00 mm            |
| Packaging weight          | 3,66 kg              |
| Packaging volume          | 8,69 dm <sup>3</sup> |
| Packaging description     | Carton box           |
| Packaging quantity        | 60 Pcs               |
| Packaging EAN code        | 8015747222679        |
| Sub-packaging length      | 197,00 mm            |
| Sub-packaging height      | 55,00 mm             |
| Sub-packaging width       | 113,00 mm            |
| Sub-packaging weight      | 0,61 kg              |
| Sub-packaging volume      | 1,22 dm <sup>3</sup> |
| Sub-packaging description | Carton tray          |
| Sub-packaging quantity    | 10 Pcs               |
| Sub-packaging EAN barcode | 8015747222686        |

Part number

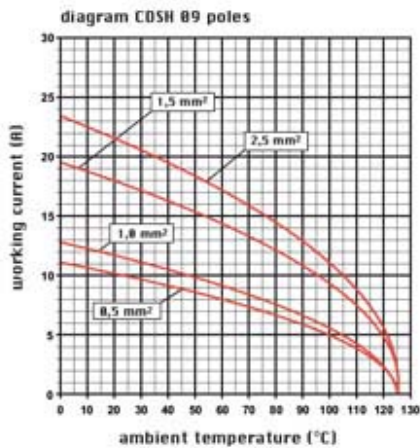
# CDSHF 09



## Catalogue drawings



## Derating curves



## 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).

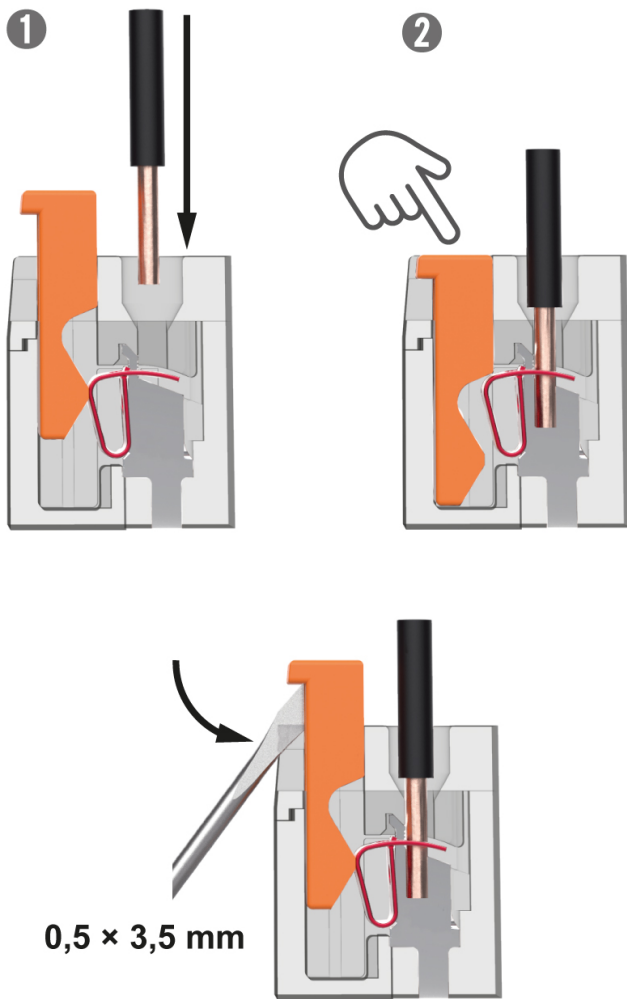
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SQUICH® connection with actuator button



Reopening

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