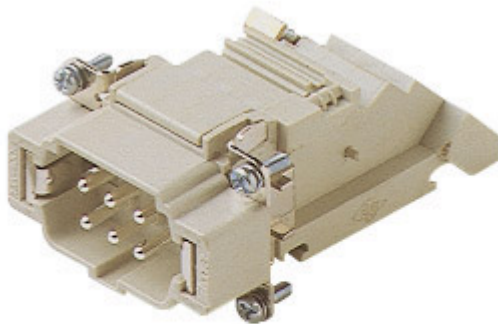


Part number

# CTSEM 06 L



Male insert, CTSE series, spring terminal connection, 6 poles + PE, 16 A 500 V 6 kV 3, size "44.27", with incorporated terminal block, left side mounting

| Product description                    |                                                        |
|----------------------------------------|--------------------------------------------------------|
| Product type                           | Insert                                                 |
| Series                                 | CTSE                                                   |
| Connection type                        | Spring terminal connection                             |
| Gender                                 | Male                                                   |
| N. of poles                            | 6 poles + $\perp$                                      |
| Size                                   | Size "44.27"                                           |
| Specification                          | Left side mounting<br>With incorporated terminal block |
| Technical data                         |                                                        |
| Current                                | 16 A                                                   |
| Voltage                                | 500 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, IP66/IP69 with enclosure       |
| Further technical details              |                                                        |
| Characteristics according to EN 61984  | 16A 500V 6kV 3; 16A 400/690V 6kV 2                     |
| Mating cycles                          | ≥ 500                                                  |
| Insulation resistance                  | ≥ 10 GΩ                                                |
| Contact resistance                     | ≤ 4 mΩ                                                 |
| Weight                                 | 79,00 g                                                |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                     |
| Conductors stripping length            | 9...11 mm                                              |
| UL 94 flammability rating              | V-0                                                    |

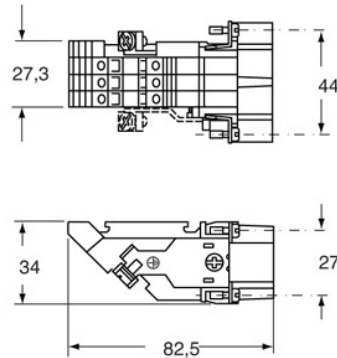
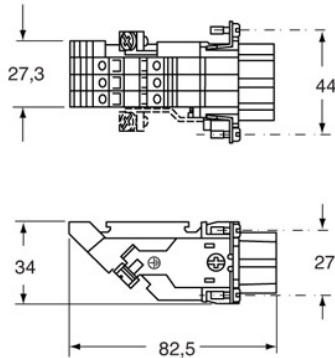
| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| 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               | CSAc, CQC, DNV, BV, EAC                                                        |
| UL                           | ECBT2                                                                          |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747122436                                                                  |
| eCl@ss 8.1                   | 27440205                                                                       |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging weight             | 0,42 kg                                                                        |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 4 Pcs                                                                          |
| Packaging EAN code           | 8015747123754                                                                  |
| Sub-packaging length         | 75,00 mm                                                                       |
| Sub-packaging height         | 89,00 mm                                                                       |
| Sub-packaging width          | 110,00 mm                                                                      |
| Sub-packaging weight         | 0,11 kg                                                                        |
| Sub-packaging volume         | 0,73 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Plastic packaging                                                              |
| Sub-packaging quantity       | 1 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747123761                                                                  |

Part number

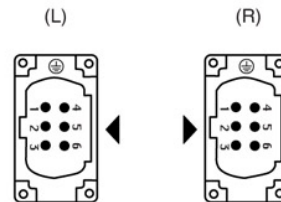
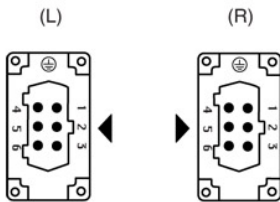
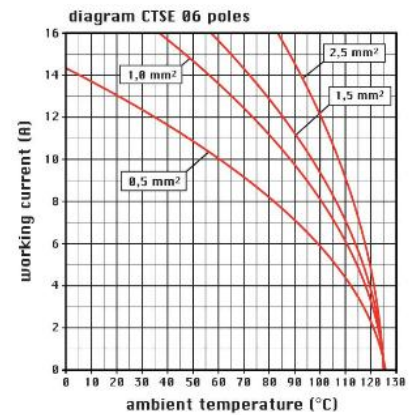
# CTSEM 06 L



Catalogue drawings



Catalogue drawings



## Notes

### CTSEF/M 06 L/R inserts

- characteristics according to EN 61984:
  - 16A 500V 6kV 3 (CTE - CTSE)
  - 16A 400/690V 6kV 2 (CTSE)
- can be mated with CNE, CCE, CCS, CSE, CSH inserts
- inserts may be fitted from front of enclosure
- UL, CSA, CCC, GL, GOST certified (CTSE)
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 4 mOhm
- enclosures (only bulkhead mounted housing): size 44.27:
  - C-TYPE IP65/IP66
  - C7 IP67 stainless steel lever
  - V-TYPE IP65/IP66 stainless steel lever
  - T-TYPE IP65 insulating
  - JEI zinc-plated steel lever
  - BIG hoods
  - W-TYPE aggressive environments
  - EMC

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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