

CCE 16 + CCE 16 N

16 A 500 V

size **77.62**

32 poles +

Crimp connection

| | |
|---------------------------|-------------------------|
| EN 61984 rating | 16 A 500 V 6 kV 3 |
| | 16 A 400 / 690 V 6 kV 2 |
| Rated voltage (UL / CSA) | 600 V |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 1 mΩ |
| Ambient temperature limit | -40 °C ... +125 °C |
| Mechanical life (cycles) | ≥ 500 |



ECBT2.E115072 | ECBT8.E115072
PVVA2.E506437 | PVVA8.E506437

| Item | Description | Part No. | Dimension |
|------|---|--|-----------|
| | Male inserts, No. (1-16) Male inserts, No. (17-32) Without contacts (to be ordered separately) | CCEM 16 CCEM 16 N | |

| | | | |
|--|---|--|--|
| | Female inserts, No. (1-16) Female inserts, No. (17-32) Without contacts (to be ordered separately) | CCEF 16 CCEF 16 N | |
|--|---|--|--|

CCE
B

| | 16 A advanced opening contacts | Male | Female | |
|--|---|--|--|--|
| | section (mm ²) section (AWG) 0,5 20 0,75 18 1 18 1,5 16 2,5 14 | CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN | | |
| | 16 A crimp contacts section (mm ²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12 | CCMA 0.3 CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0 | CCFA 0.3 CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0 | |
| | 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12 | CCMD 0.3 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0 | CCFD 0.3 CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0 | |

Wiring information, CC contacts

| conductor section (mm ²) | conductor slot ø A (mm) | stripping length (mm) |
|--------------------------------------|-------------------------|-----------------------|
| 0,14-0,37 | 0,9 | 7,5 |
| 0,5 | 1,1 | 7,5 |
| 0,75 | 1,3 | 7,5 |
| 1,0 | 1,45 | 7,5 |
| 1,5 | 1,8 | 7,5 |
| 2,5 | 2,2 | 7,5 |
| 3,0 | 2,55 | 7,5 |
| 4,0 | 2,85 | 7,5 |

Wire diameter: up to 4,7 mm.

For basic or high thickness gold plating, please refer to page F.13.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

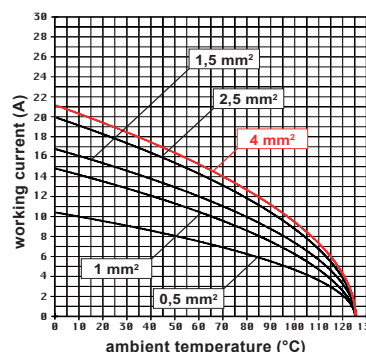
Materials

| | |
|--------------------|--|
| Insert | polycarbonate (PC) |
| UL 94 flame rating | V-0 |
| Colour | pebble grey, RAL 7032 |
| Contacts | copper alloy, silver ● and gold ● plated |



CR CPQ
Crimping tool
Page G.3

| Enclosures size 77.62 | Pages |
|--------------------------------------|-----------|
| Heavy-Duty Applications | |
| Metallic with C-TYPE lever | E.78-83 |
| Aggressive Environments | |
| Metallic W-TYPE with C-TYPE lever | E.166-167 |
| Metallic E-Xtreme® with C-TYPE lever | E.190-191 |



CCE 16 inserts max. current load derating diagram