

HEAVY DUTY MULTIPOLE CONNECTORS



Crimp Contacts

10A Crimp Contact



16A Crimp Contact



40A Crimp Contact



10A Crimp Contact

| Part # | Female Crimp Contacts | OEM Part # |
|--------|-------------------------------------------|------------|
| S22 | 0.14 ÷ 0.37 mm ² , AWG 26 ÷ 22 | CDFA 0.3 |
| S20 | 0.5 mm ² , AWG 20 | CDFA 0.5 |
| S18A | 0.75 mm ² , AWG 18 | CDFA 0.7 |
| S18B | 1 mm ² , AWG 18 | CDFA 1.0 |
| S16 | 1.5 mm ² , AWG 16 | CDFA 1.5 |
| S14 | 2.5 mm ² , AWG 14 | CDFA 2.5 |

| Part # | Male Crimp Contacts | OEM Part # |
|--------|-------------------------------------------|------------|
| P22 | 0.14 ÷ 0.37 mm ² , AWG 26 ÷ 22 | CDMA 0.3 |
| P20 | 0.5 mm ² , AWG 20 | CDMA 0.5 |
| P18A | 0.75 mm ² , AWG 18 | CDMA 0.7 |
| P18B | 1 mm ² , AWG 18 | CDMA 1.0 |
| P16 | 1.5 mm ² , AWG 16 | CDMA 1.5 |
| P14 | 2.5 mm ² , AWG 14 | CDMA 2.5 |

Use Crimp Tool "CCPZ MIL"

40A Crimp Contact

| Part # | Female Crimp Contacts | OEM Part # |
|--------|------------------------------|------------|
| SS16 | 1.5 mm ² , AWG 16 | |
| SS14 | 2.5 mm ² , AWG 14 | CDMA 2.5 |
| SS12 | 4 mm ² , AWG 12 | |
| SS10 | 6 mm ² , AWG 10 | |

| Part # | Male Crimp Contacts | OEM Part # |
|--------|------------------------------|------------|
| SP16 | 1.5 mm ² , AWG 16 | |
| SP14 | 2.5 mm ² , AWG 14 | CDMA 2.5 |
| SP12 | 4 mm ² , AWG 12 | |
| SP10 | 6 mm ² , AWG 10 | |

Use Crimp Tool "CXPZ D"

16A Crimp Contact

| Part # | Female Crimp Contacts | OEM Part # |
|--------|-------------------------------------------|------------|
| ES22 | 0.14 ÷ 0.37 mm ² , AWG 26 ÷ 22 | |
| ES20 | 0.5 mm ² , AWG 20 | CCFA 0.5 |
| ES18A | 0.75 mm ² , AWG 18 | CCFA 0.7 |
| ES18B | 1 mm ² , AWG 18 | CCFA 1.0 |
| ES16 | 1.5 mm ² , AWG 16 | CCFA 1.5 |
| ES14 | 2.5 mm ² , AWG 14 | CCFA 2.5 |
| ES12 | 4 mm ² , AWG 12 | |

| Part # | Male Crimp Contacts | OEM Part # |
|--------|-------------------------------------------|------------|
| EP22 | 0.14 ÷ 0.37 mm ² , AWG 26 ÷ 22 | |
| EP20 | 0.5 mm ² , AWG 20 | CCMA 0.5 |
| EP18A | 0.75 mm ² , AWG 18 | CCMA 0.7 |
| EP18B | 1 mm ² , AWG 18 | CCMA 1.0 |
| EP16 | 1.5 mm ² , AWG 16 | CCMA 1.5 |
| EP14 | 2.5 mm ² , AWG 14 | CCMA 2.5 |
| EP12 | 4 mm ² , AWG 12 | |

Use Crimp Tool "CCPZ MIL"

HOW TO CONVERT HOODS & BASES FROM PG TO NPT

Change the last number in the part number as follows:

| Thread size | Pg to NPT | Metric to NPT | Thread size |
|---------------------|-----------|---------------|--------------|
| Pg 11 to 3/8" NPT | 2 to 9 | 16 to 9 | M16 – 3/8" |
| Pg 11 to 1/2" NPT | 2 to 10 | 16 to 10 | M16 – 1/2" |
| Pg 13.5 to 1/2" NPT | 3 to 10 | 20 to 10 | M20 – 1/2" |
| Pg 16 to 1/2" NPT | 4 to 10 | 25 to 10 | M25 – 1/2" |
| Pg 21 to 3/4" NPT | 5 to 11 | 25 to 11 | M25 – 3/4" |
| Pg 29 to 1" NPT | 6 to 12 | 32 to 11 | M32 – 3/4" |
| Pg 29 to 1-1/4" NPT | 6 to 13 | 32 to 12 | M32 – 1" |
| Pg 36 to 1-1/4" NPT | 7 to 13 | 32 to 13 | M32 – 1-1/4" |
| Pg 36 to 1-1/2" NPT | 7 to 14 | 40 to 12 | M40 – 1" |
| Pg 42 to 1-1/2" NPT | 8 to 14 | 40 to 13 | M40 – 1-1/4" |
| | | 50 to 14 | M50 – 1-1/2" |

Examples:

ES1L06S4 (Pg 16) → ES1L06S10 (1/2" NPT)

ETTP16D5 (Pg 21) → ETTP16D11 (3/4" NPT)

CQ 5 poles + ⊕ 16A - 230/400V



enclosures:

size "21.21"

inserts, crimp connections

16A crimp contacts
normal and for advanced opening
silver and gold plated

- characteristics according to EN 61984:
- 16A 230/400V 4kV 3**
- UL, CSA, CCC, GL certified
- coding pins CR Q12



description

part No.

part No.

part No.

without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts

CQF 05
CQM 05

16A female contacts

| | | |
|----------------------|--------|------------------------|
| 0.5 mm ² | AWG 20 | with no grooves |
| 0.75 mm ² | AWG 18 | one groove (back side) |
| 1 mm ² | AWG 18 | one groove |
| 1.5 mm ² | AWG 16 | two grooves |
| 2.5 mm ² | AWG 14 | three grooves |
| 3 mm ² | AWG 12 | one wide groove |
| 4 mm ² | AWG 12 | with no grooves |

16A male contacts

| | | |
|----------------------|--------|------------------------|
| 0.5 mm ² | AWG 20 | with no grooves |
| 0.75 mm ² | AWG 18 | one groove (back side) |
| 1 mm ² | AWG 18 | one groove |
| 1.5 mm ² | AWG 16 | two grooves |
| 2.5 mm ² | AWG 14 | three grooves |
| 3 mm ² | AWG 12 | one wide groove |
| 4 mm ² | AWG 12 | with no grooves |

16A male crimp contacts for advanced opening

| | | |
|----------------------|--------|------------------------|
| 0.5 mm ² | AWG 20 | with no grooves |
| 0.75 mm ² | AWG 18 | one groove (back side) |
| 1 mm ² | AWG 18 | one groove |
| 1.5 mm ² | AWG 16 | two grooves |
| 2.5 mm ² | AWG 14 | three grooves |

CCFA 0.5
CCFA 0.7
CCFA 1.0
CCFA 1.5
CCFA 2.5
CCFA 3.0
CCFA 4.0

silver plated

CCFD 0.5
CCFD 0.7
CCFD 1.0
CCFD 1.5
CCFD 2.5
CCFD 3.0
CCFD 4.0

gold plated

CCMA 0.5
CCMA 0.7
CCMA 1.0
CCMA 1.5
CCMA 2.5
CCMA 3.0
CCMA 4.0

CCMD 0.5
CCMD 0.7
CCMD 1.0
CCMD 1.5
CCMD 2.5
CCMD 3.0
CCMD 4.0

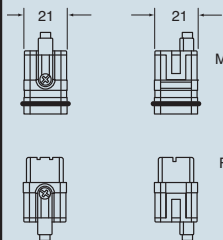
CC 0.5 AN
CC 0.7 AN
CC 1.0 AN
CC 1.5 AN
CC 2.5 AN

N.B.:

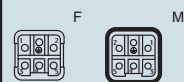
can also be used partially fitted with 4 mm² section contacts.

plug inserts with new, square shaped seal for IP44 and IP66/IP67 protection rating

dimensions in mm

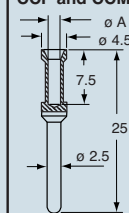


contacts side (front view)

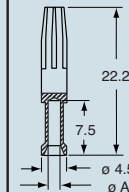
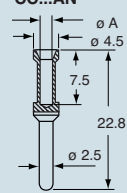


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

| conductor section mm ² | ø slot A (mm) |
|-----------------------------------|---------------|
| 0.5 | 1.1 |
| 0.75 | 1.3 |
| 1.0 | 1.45 |
| 1.5 | 1.8 |
| 2.5 | 2.2 |
| 3 | 2.55 |
| 4 | 2.85 |

dimensions shown are not binding and may be changed without notice