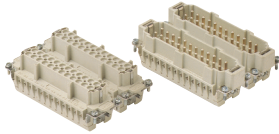


# HEAVY DUTY MULTIPOLE CONNECTORS



## Inserts



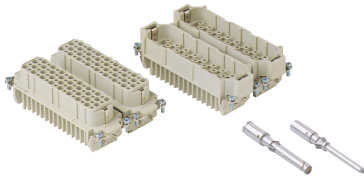
### Series E 48 poles + 16A max - 600V

| Part #        | Screw Terminal with wire protection        | OEM Part # |
|---------------|--------------------------------------------|------------|
| E24RS + E48RS | female inserts, No. (1 ÷ 24) and (25 ÷ 48) | CNEF 24 TN |
| E24PS + E48PS | male inserts, No. (1 ÷ 24) and (25 ÷ 48)   | CNEM 24 TN |

+ Both part numbers **must** be ordered separately

| Part #        | Cage Clamp                                 | OEM Part # |
|---------------|--------------------------------------------|------------|
| E24RG + E48RG | female inserts, No. (1 ÷ 24) and (25 ÷ 48) | CSEF 24 N  |
| E24PG + E48PG | male inserts, No. (1 ÷ 24) and (25 ÷ 48)   | CSEM 24 N  |

+ Both part numbers **must** be ordered separately Wire conductor range: 20 ÷ 12 AWG

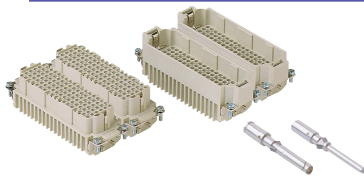


### Series D 128 poles + 10A max - 600V

| Part #    | Crimp Terminal               | OEM Part # |
|-----------|------------------------------|------------|
| D64RC(x2) | female inserts, No. (1 ÷ 64) | CDF 64     |
| D64PC(x2) | male inserts, No. (1 ÷ 64)   | CDM 64     |

10A Crimp Contacts must be ordered separately

Wire conductor range: 22 ÷ 14 AWG

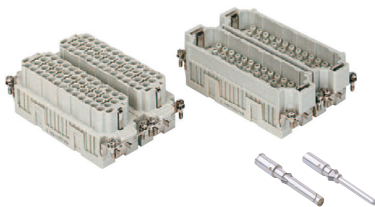


### Series DD 216 poles + 10A max - 600V

| Part #          | Crimp Terminal                                | OEM Part # |
|-----------------|-----------------------------------------------|------------|
| DD108RC DD216RC | female inserts, No. (1 ÷ 108) and (109 ÷ 216) | CDDF 108   |
| DD108PC DD216PC | male inserts, No. (1 ÷ 108) and (109 ÷ 216)   | CDDM 108   |

10A Crimp Contacts must be ordered separately, see page B-28

Wire conductor range: 22 ÷ 14 AWG



### Series EQ 92 poles + 16A max - 600V

| Part #          | Inserts, Crimp Connections                 |
|-----------------|--------------------------------------------|
| EQ46RC + EQ92RC | female inserts, No. (1 ÷ 46) and (47 ÷ 92) |
| EQ46PC + EQ92PC | male inserts, No. (1 ÷ 46) and (47 ÷ 92)   |

16A Crimp Contacts must be ordered separately, see page B-28

Wire conductor range: 20 ÷ 12 AWG

## Bases



### Series E 48 poles + 16A max - 600V

| Part #   | Panel Mounting Housings | OEM Part # |
|----------|-------------------------|------------|
| EPML48SC | single lever and cover  | CHI 48 LS  |

| Pg Part # | Pg          | NPT Part # | NPT             | Surface Mounting Housings           | OEM Part #  |
|-----------|-------------|------------|-----------------|-------------------------------------|-------------|
| ES2L48SC7 | 36 x 1 or 2 | ES2L48SC13 | 1-1/4" x 1 or 2 | single lever and cover, double port | CHP 48 LS   |
| ES2L48SC6 | 29 x 1 or 2 | ES2L48SC12 | 1" x 1 or 2     | single lever and cover, double port | CHP 48 LS29 |

## Hoods



### Series E 48 poles + 16A max - 600V

| Pg Part # | Pg | NPT Part # | NPT    | Hoods                | OEM Part # |
|-----------|----|------------|--------|----------------------|------------|
| ESEP48S7  | 36 | ESEP48S13  | 1-1/4" | two pegs, side entry | CHO 48 L   |
| ESEP48S6  | 29 | ESEP48S12  | 1"     | two pegs, side entry | CHO 48 L29 |
| ESEP48S8  | 42 | ESEP48S14  | 1-1/2" | two pegs, side entry | CHO 48 L42 |
| ETEP48S7  | 36 | ETEP48S13  | 1-1/4" | two pegs, top entry  | CHV 48 L   |
| ETEP48S6  | 29 | ETEP48S12  | 1"     | two pegs, top entry  | CHV 48 L29 |
| ETEP48S8  | 42 | ETEP48S14  | 1-1/2" | two pegs, top entry  | CHV 48 L42 |

# CH and MH enclosures

size "104.62" standard version



bulkhead and surface mounting housings with single lever



hoods for single lever

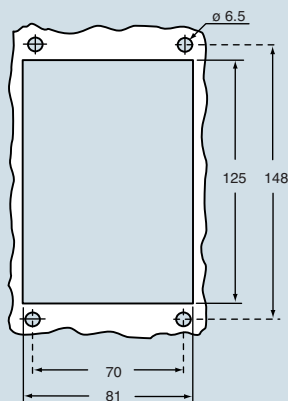


insert centre distance:  
2 x (104 x 27) mm

| description                                     | part No.    | entry Pg | part No.    | entry M  | part No.   | entry Pg | part No.   | entry M |
|-------------------------------------------------|-------------|----------|-------------|----------|------------|----------|------------|---------|
| bulkhead mounting housings with lever           | CHI 48 L    | ---      |             |          |            |          |            |         |
| bulkhead mounting housings with lever and cover | CHI 48 LS   | ---      |             |          |            |          |            |         |
| surface mounting housings with lever and cover  | CHP 48 LS29 | 29 x 1/2 | MHP 48 LS40 | 40 x 1/2 |            |          |            |         |
| surface mounting housings with lever and cover  | CHP 48 LS   | 36 x 1/2 | MHP 48 LS50 | 50 x 1/2 |            |          |            |         |
| with pegs, side entry                           |             |          |             |          | CHO 48 L29 | 29       | MHO 48 L32 | 32      |
| with pegs, side entry                           |             |          |             |          | CHO 48 L   | 36       | MHO 48 L40 | 40      |
| with pegs, side entry                           |             |          |             |          | CHO 48 L42 | 42       | MHO 48 L50 | 50      |
| with pegs, side entry, without adaptor *        |             |          |             |          | CFO 48 L29 | 29       | MFO 48 L32 | 32      |
| with pegs, side entry, without adaptor *        |             |          |             |          | CFO 48 L   | 36       | MFO 48 L40 | 40      |
| with pegs, side entry, without adaptor *        |             |          |             |          | CFO 48 L42 | 42       | MFO 48 L50 | 50      |
| with pegs, top entry                            |             |          |             |          | CHV 48 L29 | 29       | MHV 48 L32 | 32      |
| with pegs, top entry                            |             |          |             |          | CHV 48 L   | 36       | MHV 48 L40 | 40      |
| with pegs, top entry                            |             |          |             |          | CHV 48 L42 | 42       | MHV 48 L50 | 50      |
| with pegs, top entry, without adaptor *         |             |          |             |          | CFV 48 L29 | 29       | MFV 48 L32 | 32      |
| with pegs, top entry, without adaptor *         |             |          |             |          | CFV 48 L   | 36       | MFV 48 L40 | 40      |
| with pegs, top entry, without adaptor *         |             |          |             |          | CFV 48 L42 | 42       | MFV 48 L50 | 50      |

\* enclosure without adaptor, threaded on the body, to be used only with a complete cable clamp.

panel cut-out for bulkhead mounting housings in mm



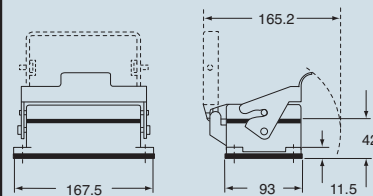
**N.B.:** the enclosures ensure IP66 protection (or IP65 cover versions) rating when mated and locked with the closing levers.  
The cover (CS, CP) only ensures mechanical protection, but does not ensure IP65 protection rating.

**ILME**® Type  
4/4X/12

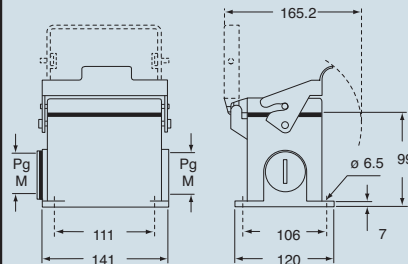
dimensions shown are not binding  
and may be changed without notice

dimensions in mm

CHI L - LS

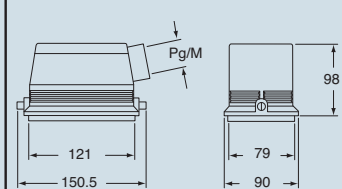


CHP LS and MHP LS

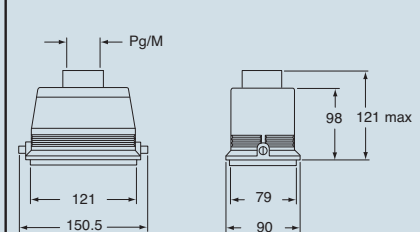


dimensions in mm

CHO/CFO L and MHO/MFO L



CHV/CFV L and MHV/MFV L



# GENERAL FEATURES OF MULTIPOLE CONNECTORS FOR INDUSTRIAL PURPOSES

1 Threaded cable passage in various Pg diameters, metric diameters in accordance with EN 60423 and "NPT" diameters, for cable entry devices in accordance with EN 50262, may be located vertically, horizontally or frontally.

2 Heavy duty enclosures in die-cast aluminium alloy or self-extinguishing thermoplastic (A-03 series).

Wall mounting or bulkhead housings and hoods are available, with or without fixed covers or with mobile protection covers.

3 Metallic enclosures with a coated finish of epoxy-polyester with high resistance to mechanical stress and external agents. Enclosures used with temperatures of up to 180°C and in aggressive environments

are treated with special coatings. Where electromagnetic compatibility is necessary: EMC enclosures with high conductivity and high corrosion resistance surface treatment.

4 Inserts in self-extinguishing thermoplastic material reinforced with glass fibres, UL approved, with a limit working temperature from -40°C to +125°C.

For some series, inserts in PPS (polyphenylene sulphide) may be requested for special uses with temperatures of up to 180°C.

5 Polarized inserts with asymmetric guide rails for preventing incorrect coupling. The inserts have a mechanical duration equal to or over 500 coupling cycles.

6 Inserts manufactured in conformity with the DIN VDE 0627 standard and are certified and identified with the UL and CSA marks.

7 Special seal gaskets in vinyl nitrile elastomer or fluoro elastomer (on enclosures for use with maximum temperatures of 180°C and for aggressive environments), in antiaging, oil-resistant, fuel-resistant, together with the cable entry devices (not supplied) provide an IP66 degree of protection for coupled connectors.

Special conductive seals for EMC enclosures.

8 Stainless steel closure levers and springs guarantee a perfect closure and sealing.

9 Locking device available in two versions, simple (with one lever), or double (with two levers).

10 Various types of handles are available: in self-extinguishing, thermoplastic material reinforced with glass fibres; in die-cast aluminium (for special use with temperatures of up to 180°C); monoblock stainless steel handles (A-03 enclosures and for special uses with temperatures of up to 180°C).

11 Unlosable insert fastening screws, with antiloosening flexible washer.

12 Contacts position identified with numbers or codes on both sides of each insert and laser printed or moulded.

13 Contacts in silver or gold-plated brass (special order) with connections to the conductors made via unlosable unloosened screws, spring terminal, crimping or incorporated 45° terminal block connectors (with screw or spring terminal).

14 Earth terminal protection with wide contact surface.

15 Pegs and levers supplied with anti-friction rings that facilitate closure and limit wear and tear.

16 CE marking attesting conformity to the requirements of the Low Voltage directive 73/23/EEC and its modification 93/68/EEC.

