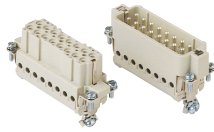




# HEAVY DUTY MULTIPOLE CONNECTORS

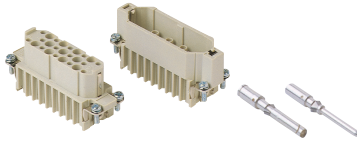
## Inserts



Series A **16 poles +  $\frac{1}{2}$  16A max - 600V**

Part #	Screw Terminal	OEM Part #
A16RS	female inserts	CDAF 16
<b>A16PS</b>	<b>male inserts</b>	<b>CDAM 16</b>

Wire conductor range: 18 ÷ 12 AWG



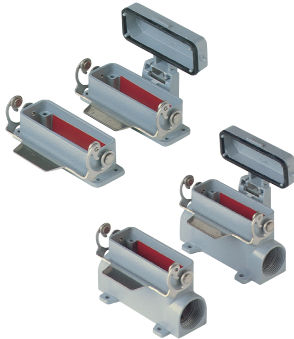
Series D **25 poles +  $\frac{1}{2}$  10A max - 600V**

Part #	Crimp Terminal	OEM Part #
D25RC	female inserts	CDF 25
D25PC	male inserts	CDM 25

Wire conductor range: 22 ÷ 14 AWG

10A Crimp Contacts must be ordered separately

## Bases

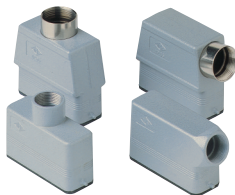


Series A **16 poles +  $\frac{1}{2}$**

Part #	Panel Mounting Housings	OEM Part #
APML16S	single lever	CZI 25 L
APML16SC	single lever and cover	CZI 25 LS

Pg Part #	Pg	NPT Part #	NPT	Surface Mounting Housings	OEM Part #
AS1L16S4	16	AS1L16S10	1/2"	single lever, single port, high construction	CZAP 25 L
AS2L16S4	16 x 2	AS2L16S10	1/2" x 2	single lever, double port, high construction	CZAP 25 L2
AS1L16S5	21	AS1L16S11	3/4"	single lever, single port, high construction	CZAP 25 L21
AS2L16SC5	21 x 2	AS2L16SC11	3/4" x 2	single lever and cover, double port, high construction	CZAP 25 LS 221

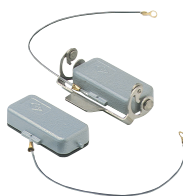
## Hoods



Series A **16 poles +  $\frac{1}{2}$**

Pg Part #	Pg	NPT Part #	NPT	Surface Mounting Housings	OEM Part #
ASEP16S4	16	ASEP16S10	1/2"	two pegs, side entry	CZO 25 L
ASTP16S4	16	ASTP16S10	1/2"	two pegs, side entry, high construction	CZAO 25 L 16
ASTP16S5	21	ASTP16S11	3/4"	two pegs, side entry, high construction	CZAO 25 L 21
ATEP16S4	16	ATEP16S10	1/2"	two pegs, top entry	CZV 25 L
ATTP16S4	16	ATTP16S10	1/2"	two pegs, top entry, high construction	CZAV 25 L 16
ATTP16S5	21	ATTP16S11	3/4"	two pegs, top entry, high construction	CZAV 25 L 21
ACC16S4	16	ACC16S10	1/2"	single lever, top entry, cable coupler (not shown)	CZV 25 LG

## Covers



Series A **16 poles +  $\frac{1}{2}$**

Part #	Covers	OEM Part #
AP16SL	two pegs (for housings with single lever)	CZC 25 L
AL16SL	single lever (for hoods with two pegs)	CZC 25 LG

**CDA 16 poles + ⊕ 16A - 250V**



enclosures:

size "66.16"

inserts,  
screw terminal connection

inserts,  
screw terminal connection

- characteristics according to EN 61984:  
**16A 250V 4kV 3**
- UL, CSA, CCC, GL certified



description

part No.

part No.

indirect, with plate <sup>1)</sup>  
female inserts with female contacts  
male inserts with male contacts

**CDAF 16**  
**CDAM 16**

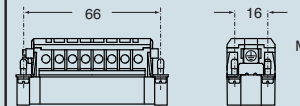
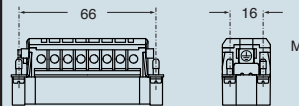
direct, without plate <sup>2)</sup>  
female inserts with female contacts  
male inserts with male contacts

**CDAF 16 X**  
**CDAM 16 X**

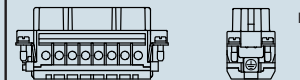
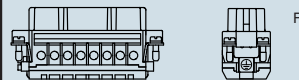
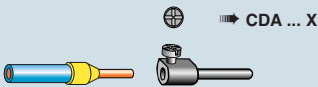
<sup>1)</sup> for non-prepared conductors

dimensions in mm

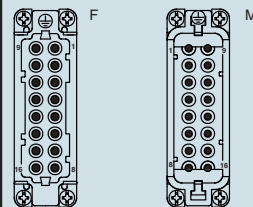
dimensions in mm



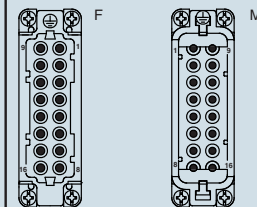
<sup>2)</sup> for conductors with bush terminal



contacts side (front view)



contacts side (front view)



- inserts with plate for section conductors:  
0.75 - 2.5 mm<sup>2</sup> - AWG 18 - 14

- inserts without plate for section prepared conductors:  
0.25 - 2.5 mm<sup>2</sup> - AWG 24 - 14

dimensions shown are not binding  
and may be changed without notice

# 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.

