

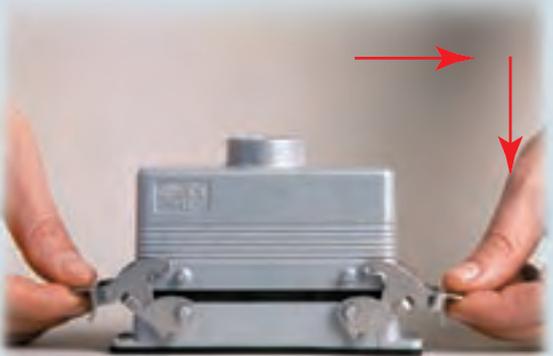
# OPEN

1



Raise the levers until the locking block is released.

2



Push the levers down and keep them outside the pegs on the hood.

3



Remove the mobile connector from the fixed connector.

# CLOSE

1



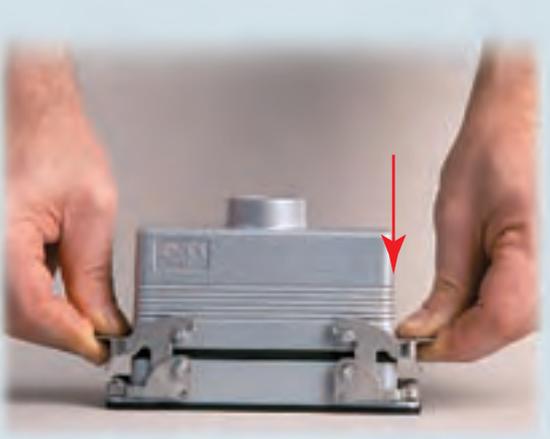
Insert the mobile connector until it comes into full contact with the fixed part.

2



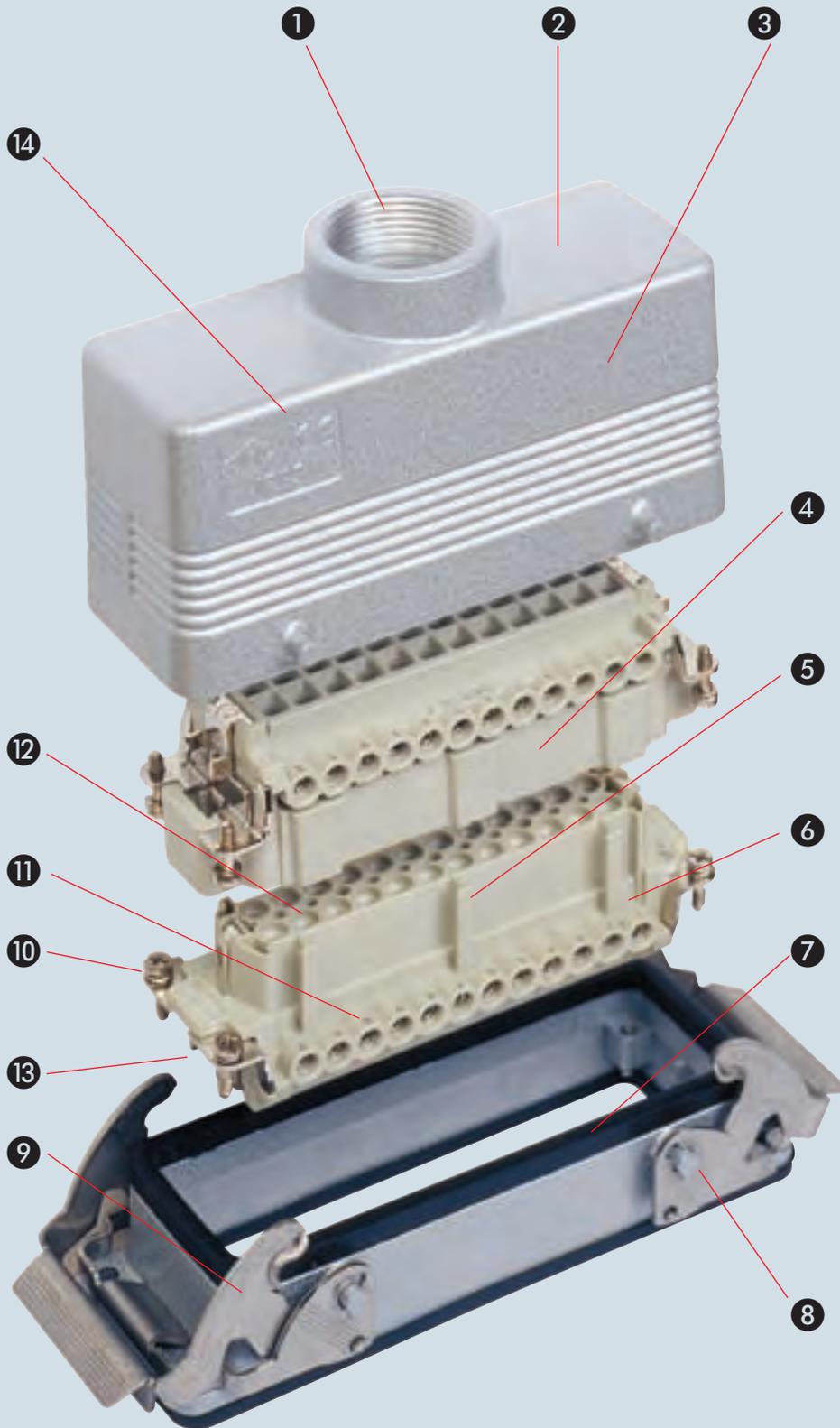
Raise the levers and turn them so that the ends are above the pegs on the hood.

3



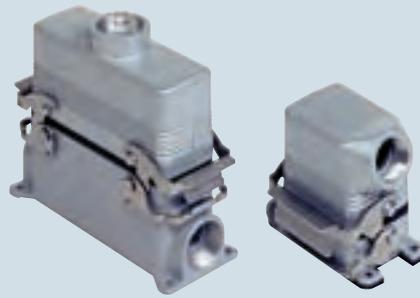
Lower the levers until the locking mechanism is released.

A feature of the V-type locking system is that in the final locking stage the levers work by pressing down **vertically** on top of the hood pegs thus minimizing friction and wear and tear. The latch blocks on the enclosure pins that the levers are hinged to prevent the levers from being accidentally released even if subjected to particularly heavy stresses.



- 1 Threaded cable passing hole in various Pg diameters (types with pre-code beginning with "C") or metric pitch (types with pre-code beginning with "M") in accordance with CEI EN 60423, for cable entry devices in accordance with EN 50262 (NPT threading on request), may be located vertically, horizontally or frontally.
- 2 Heavy-duty enclosures in die-cast aluminium alloy. Wall mounting or bulkhead housings, and hoods are available.
- 3 Metallic enclosures with a coated finish of epoxy-polyester with high resistance to mechanical stress and external agents.
- 4 Inserts in self-extinguishing thermoplastic material reinforced with glass fibre, UL approved, with working temperature ranging from -40 °C to +125 °C.
- 5 Polarized inserts with asymmetric guide rails for preventing incorrect coupling. The inserts have a mechanical life of 500 coupling cycles or above.
- 6 Inserts manufactured in conformity with the EN 61984 European standard (DIN VDE 0627) certified and identified with the UL mark (CSA pending).
- 7 Special seal gaskets in anti-aging, oil-resistant, fuel-resistant vinyl nitrile elastomer together with the cable entry devices (not supplied) guarantee an IP65 degree of protection for coupled connectors.
- 8 Stainless steel closure levers guarantee perfect closure and sealing.
- 9 Locking device available in two versions: simple (with one lever) or double (with two levers).
- 10 Insert captive screws with anti-loosening flexible washer.
- 11 Position of contacts identified with numbers or codes on both sides of each insert and laser printed or moulded.
- 12 Silver-plated brass contacts with connections to conductors via specially supplied captive pre-loosened screws or a spring terminal.
- 13 Earth terminal protection with wide contact surface.
- 14 CE marking attesting conformity to the requirements of the Low Voltage Directive 73/23/EEC and its modification 93/68/EEC.

**standard version**



**description**

**Changeover from Pg threads to M metric threads**

After 31st December 1999, the German safety standard DIN VDE 0619 (1987-09) and the standards it refers to - DIN 46319 for dimensions with metric threads and DIN 46320 (T1-T4), DIN 46255 and DIN 46259 for dimensions with Pg threads (Panzerrohr-Gewinde=literally “steel conduit threads” — were withdrawn and since 1 January 2000 the European standard EN 50262 “Metric cable glands for electrical installations” has been in force”. This standard defines the new sizes with metric threads for cable glands in accordance with EN 60423 and establishes the safety prescriptions. However, it does not specify the dimensions such as the size of the tightening wrench, the diagonal dimensions or the dimensions of the seal gaskets as was the case in the withdrawn DIN standards for Pg cable glands.

The standard came definitively into force on 1 April 2001, when the conflicting national standards were withdrawn. It is valid in all CENELEC (the European Committee for Electrotechnical Standardization) member countries and its publication has led to an extension of the range of enclosures for multipole connectors for industrial use to include new enclosure versions with cable entries that are suitable for metric cable glands. Cable gland manufacturers have introduced the new metric series alongside the Pg size series that is will gradually replace. The transition period indicated in the new standard should have ended on 1 March 2001 after which the use of Pg cable entry devices and, as a result, enclosures with Pg threads, should no longer be used in new installations. However, both the cable entry devices and enclosures with Pg threading, may continue to be used as spare parts. For the CE marking of these items, the safety conditions specified in the Low Voltage Directive must be observed. To distinguish mobile and fixed surface mounting housings with metric outlets from the Pg versions (marked with a C pre-code), the ILME metric types are marked with an M pre-code.

The transposition table below indicates the correspondence rule adopted in most cases by ILME for creating the new metric versions.

**Transposition Pg → metric**

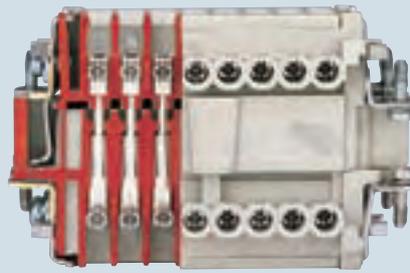
<b>Pg</b>	<b>metric</b>
Pg 11	M 20
Pg 13.5	M 20
Pg 16	M 20
Pg 21	M 25
Pg 29	M 32
Pg 36	M 40
Pg 42	M 50

This series has been developed for application in electric and electronic machinery, control units, electric panels, control equipment, industrial environments, and whenever a disconnectable and reliable connection is required for power and signal circuits.

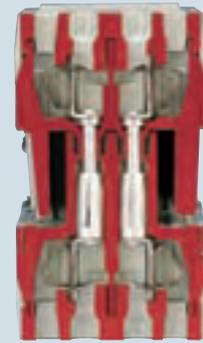
**characteristics of the materials used:**

- in die-cast aluminium alloy
- oven painting using epoxy-polyester powder
- gaskets in anti-aging, oil-resistant, grease-resistant and fuel-resistant vinyl nitrile elastomer
- locking device with stainless steel levers

**contacts with screw terminals connections with wire protection**



**contacts with spring connection terminals**



**description**

The different types of conductor connections to the male and female inserts are described on the right. The types can be summarised as follows:

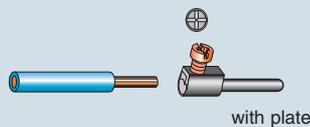
- screw terminals
- spring connection terminals

**N.B.:**  
for all inserts with screw terminals it is important that the right torsional torque is applied to the screws in order to prevent faulty contacts or damage to the conductor, screw or terminal.

**description**

**inserts: CNE**

The conductors are connected to the female and male insert contacts by screws (in accordance with EN 60999-1 standard).



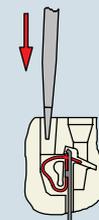
The CNE...T versions have a plastic cover that is used to guide the conductors into the contacts.

**description**

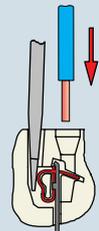
**inserts: CSE**

The conductors are connected to the male and female insert contacts by spring terminals. This type of connection offers the following advantages:

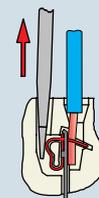
- no special preparation of the conductors is required
- a 3.5 mm x 0.5 mm blade screw-driver is all that is needed for inserting the conductor into the contact
- an excellent degree of clamping is obtained with high resistance to strong vibrations
- flexible and non-flexible conductors may be used with cable sections ranging from 0.14 mm to 2.5 mm<sup>2</sup>
- conductivity tests may be performed under load through the screwdriver opening without disconnecting the insert
- preparation and insert cabling times are considerably reduced



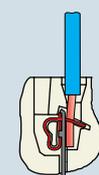
**phase 1**  
insertion of the screwdriver into the square slot opens the base of the conductor obtained within the spring.



**phase 2**  
deep insertion of the conductor in the round base.



**phase 3**  
extraction of the screwdriver determines the retention of the spring on the inserted conductor.



**phase 4**  
once the connection is complete, a pulling action is to be applied to test the conductor's retaining strength.

general

load curves

The current carrying capacity possible in the connectors is variable. It reduces with the increase of the number of poles and the temperature of the environment in which the connector is installed and is determined by the thermal properties of the materials used for the contacts and the insulating parts as well as by the type of conductor used.

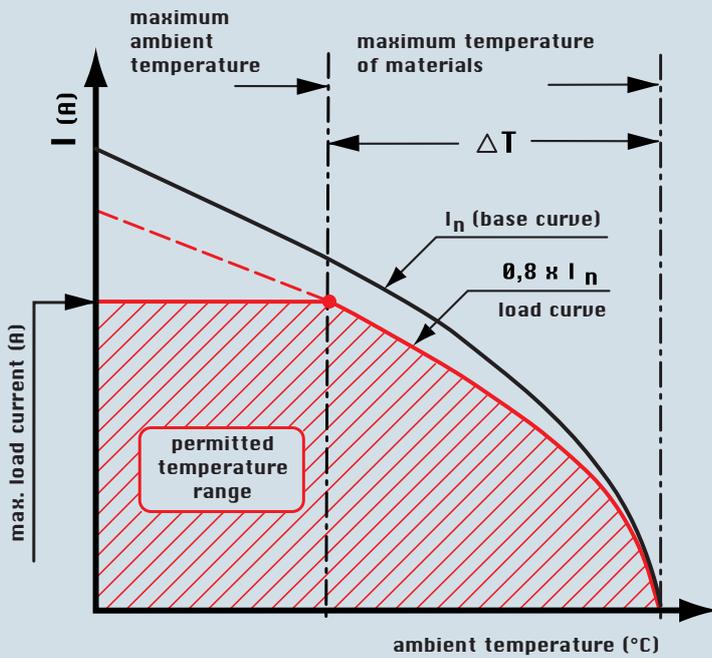
The current carrying capacity is obtained from the load curves which are constructed according to standard IEC 60512-3 for currents circulating simultaneously in all poles.

The limit current curves express current values that determine the achievement of the highest limit temperature of the materials. The choice of the permanent load applicable on the contacts must be made within the field of operation possible delimited by the above curves.

Since the use of the connectors at the limit of the values of their characteristics is not recommended, **the base curve** is derated. The reduction of the load curves to 80% defines the correction curve where both the maximum contact resistance permissible and the inaccuracy of the temperature measurements are sufficiently borne in consideration.

The correction curve represents the **final limit current curve (load curve)** as defined by standard IEC 60512-3. It therefore bears in consideration the difference between the various connectors, as well as errors in the temperature measurements.

All the load curves presented herebelow include the corrections.



Legend:

**Maximum load current (A):** value for which the connector reaches the limit temperature of the material at the environmental temperature, intersected on the load curve.

**Limit temperature of the materials:** value determined by the characteristics of the materials used. The sum of the environmental temperature and the increase of the simbolo  $\Delta T$  temperature caused by the passage of the current must not exceed the limit temperature of the materials.

**Environment temperature limit:** the environmental conditions must not exceed this value. It may be know and determines the maximum load current, or may be obtained directly from the load curve.

**Base curve:** set of current and temperature values obtained from laboratory tests and influenced by the connector's characteristics (number of poles, construction shape, thermal conductivity of the materials, etc.) and the section of the conductor used.

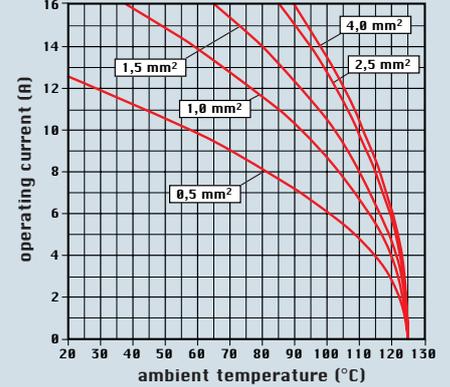
**Load curve (limit current curve):** obtained from the base curve via the safety coefficient.

$\Delta T$  (overtemperature): temperature increase produced by a permanent current circulating through all the poles of a connector coupling; difference between the limit temperature of the materials and the environmental temperature obtained on the limit current curve.

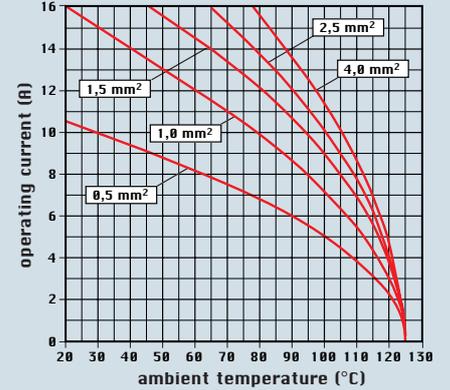
CNE and CSE series

curves

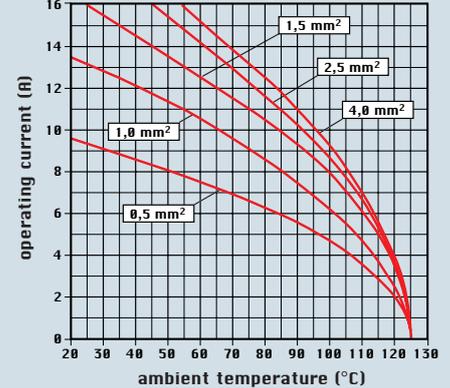
CNE and CSE 06 poles diagram



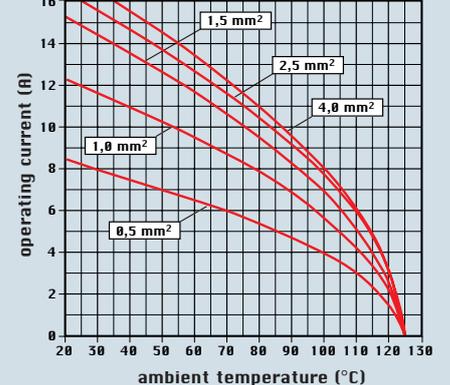
CNE and CSE 10 poles diagram



CNE and CSE 16 poles diagram



CNE and CSE 24 poles diagram





part consisting of\*:

- CNLZ IO**  
CVI L + CNEF T + CNEM T + CHO L
- MNLZ IO**  
CVI L + CNEF T + CNEM T + MHO L
- CNLZ IV**  
CVI L + CNEF T + CNEM T + CHV L
- MNLZ IV**  
CVI L + CNEF T + CNEM T + MHV L

\*(housing + female insert + male insert + hood)

bulkhead mounting housings with single lever, CNE series inserts, hood side entry

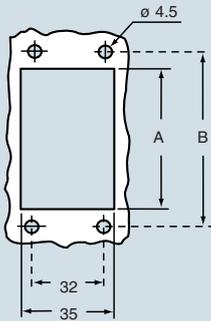


bulkhead mounting housings with single lever, CNE series inserts, hood top entry



description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 6 poles + ⊕, size "44.27"	<b>CNLZ 06 IO</b>	16	<b>MNLZ 06 IO</b>	25	<b>CNLZ 06 IV</b>	16	<b>MNLZ 06 IV</b>	25
with lever, 10 poles + ⊕, size "57.27"	<b>CNLZ 10 IO</b>	16	<b>MNLZ 10 IO</b>	25	<b>CNLZ 10 IV</b>	16	<b>MNLZ 10 IV</b>	25
with lever, 16 poles + ⊕, size "77.27"	<b>CNLZ 16 IO</b>	21	<b>MNLZ 16 IO</b>	32	<b>CNLZ 16 IV</b>	21	<b>MNLZ 16 IV</b>	32
with lever, 24 poles + ⊕, size "104.27"	<b>CNLZ 24 IO</b>	21	<b>MNLZ 24 IO</b>	32	<b>CNLZ 24 IV</b>	21	<b>MNLZ 24 IV</b>	32

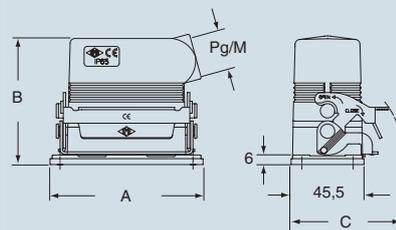
panel cut-out for bulkhead mounting housings in mm



type	A	B
<b>CNLZ/MNLZ 06 I</b>	52	70
<b>CNLZ/MNLZ 10 I</b>	65	83
<b>CNLZ/MNLZ 16 I</b>	86	103
<b>CNLZ/MNLZ 24 I</b>	112	130

dimensions in mm

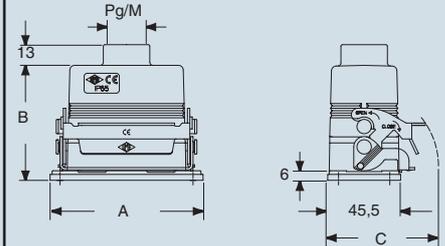
CNLZ/MNLZ IO



type	A	B	C
<b>CNLZ/MNLZ 06 IO</b>	82,5	74	66
<b>CNLZ/MNLZ 10 IO</b>	95,5	79	70
<b>CNLZ/MNLZ 16 IO</b>	115,5	90	70
<b>CNLZ/MNLZ 24 IO</b>	142,5	90	70

dimensions in mm

CNLZ/MNLZ IV



type	A	B	C
<b>CNLZ/MNLZ 06 IV</b>	82,5	67	66
<b>CNLZ/MNLZ 10 IV</b>	95,5	72	70
<b>CNLZ/MNLZ 16 IV</b>	115,5	72	70
<b>CNLZ/MNLZ 24 IV</b>	142,5	82	70

the indicated measurements are only approximate and can be changed without prior notice



part consisting of\*:

- CNZ IO**  
CVI + CNEF T + CNEM T + CHO
- MNZ IO**  
CVI + CNEF T + CNEM T + MHO
- CNZ IV**  
CVI + CNEF T + CNEM T + CHV
- MNZ IV**  
CVI + CNEF T + CNEM T + MHV

\*(fixed enclosure + female insert + male insert + hood)

bulkhead mounting housings with two levers,  
CNE series inserts, hoods  
side entry

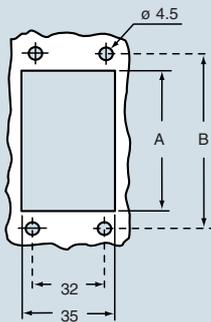


bulkhead mounting housings with two levers,  
CNE series inserts, hoods  
top entry



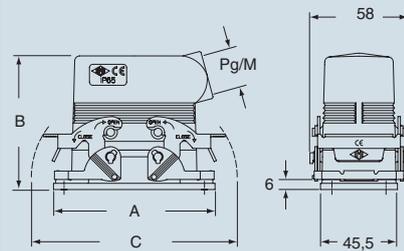
description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 10 poles + ⊕, size "57.27"	<b>CNZ 10 IO</b>	16	<b>MNZ 10 IO</b>	25	<b>CNZ 10 IV</b>	16	<b>MNZ 10 IV</b>	25
with lever, 16 poles + ⊕, size "77.27"	<b>CNZ 16 IO</b>	21	<b>MNZ 16 IO</b>	32	<b>CNZ 16 IV</b>	21	<b>MNZ 16 IV</b>	32
with lever, 24 poles + ⊕, size "104.27"	<b>CNZ 24 IO</b>	21	<b>MNZ 24 IO</b>	32	<b>CNZ 24 IV</b>	21	<b>MNZ 24 IV</b>	32

panel cut-out for bulkhead mounting housings in mm



dimensions in mm

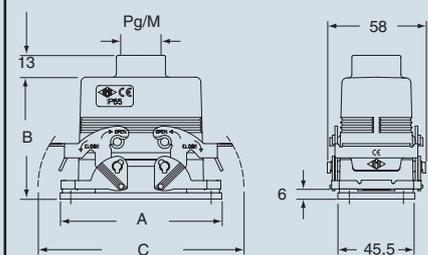
**CNZ/MNZ IO**



type	A	B	C
<b>CNZ/MNZ 10 IO</b>	95.5	79	122
<b>CNZ/MNZ 16 IO</b>	115.5	90	142,5
<b>CNZ/MNZ 24 IO</b>	142.5	90	169

dimensions in mm

**CNZ/MNZ IV**



type	A	B	C
<b>CNZ/MNZ 10 IV</b>	95.5	72	122
<b>CNZ/MNZ 16 IV</b>	115.5	72	142,5
<b>CNZ/MNZ 24 IV</b>	142.5	82	169

the indicated measurements are only approximate and can be changed without prior notice



**part consisting of\*:**

- CNLZ PO**  
CVP L + CNEF T + CNEM T + CHO L
- MNLZ PO**  
MVP L + CNEF T + CNEM T + MHO L
- CNLZ PV**  
CVP L + CNEF T + CNEM T + CHV L
- MNLZ PV**  
MVP L + CNEF T + CNEM T + MHV L

\*(housing + female insert + male insert + hood)

**surface mounting housings with single lever, CNE series inserts, hoods side entry**



**surface mounting housings with single lever, CNE series inserts, hoods top entry**

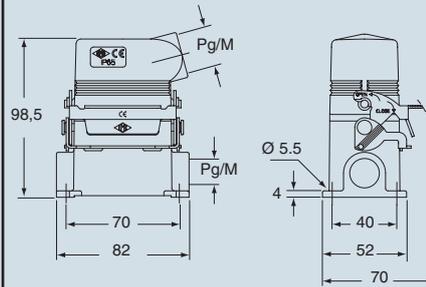


description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 6 poles + ⊕, size "44.27"	<b>CNLZ 06 PO</b>	16	<b>MNLZ 06 PO</b>	20/25	<b>CNLZ 06 PV</b>	16	<b>MNLZ 06 PV</b>	20/25

N.B.:  
entry M 20/25 =  
surface mounting housing M20 / hood M25

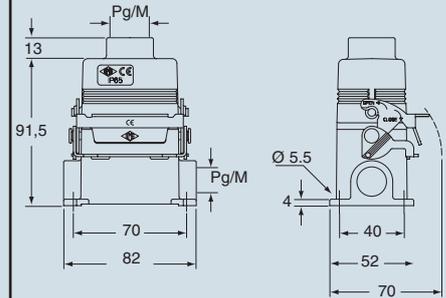
dimensions in mm

**CNLZ/MNLZ PO**



dimensions in mm

**CNLZ/MNLZ PV**



the indicated measurements are only approximate and can be changed without prior notice



part consisting of\*:

- CNZ PO**  
CVP + CNEF T + CNEM T + CHO
- MNZ PO**  
MVP + CNEF T + CNEM T + MHO
- CNZ PV**  
CVP + CNEF T + CNEM T + CHV
- MNZ PV**  
MVP + CNEF T + CNEM T + MHV

\*(housing + female insert + male insert + hood)

surface mounting housings with two levers,  
CNE series inserts, hoods  
side entry



surface mounting housings with two levers,  
CNE series inserts, hoods  
top entry



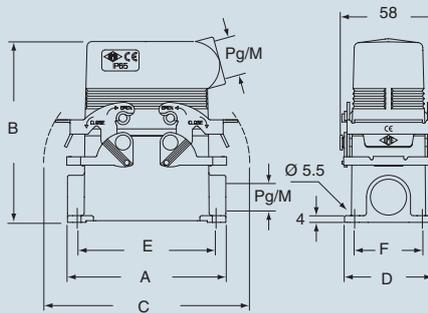
description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 10 poles + ⊕, size "57.27"	<b>CNZ 10 PO</b>	16	<b>MNZ 10 PO</b>	20/25	<b>CNZ 10 PV</b>	16	<b>MNZ 10 PV</b>	20/25
with lever, 16 poles + ⊕, size "77.27"	<b>CNZ 16 PO</b>	21	<b>MNZ 16 PO</b>	25/32	<b>CNZ 16 PV</b>	21	<b>MNZ 16 PV</b>	25/32
with lever, 24 poles + ⊕, size "104.27"	<b>CNZ 24 PO</b>	21	<b>MNZ 24 PO</b>	25/32	<b>CNZ 24 PV</b>	21	<b>MNZ 24 PV</b>	25/32

N.B.:  
entry M 20/25 =  
surface mounting housing M20 / hood M25

entry M 25/32 =  
surface mounting housing M25 / hood M32

dimensions in mm

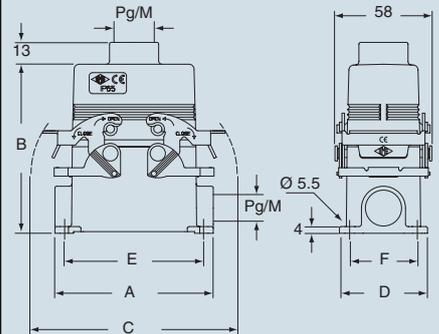
**CNZ/MNZ PO**



type	A	B	C	D	E	F
<b>CNZ/MNZ 10 PO</b>	93.5	107,5	122	52	82	40
<b>CNZ/MNZ 16 PO</b>	117	124,5	142,5	57	105	45
<b>CNZ/MNZ 24 PO</b>	144	124,5	169	57	132	45

dimensions in mm

**CNZ/MNZ PV**



type	A	B	C	D	E	F
<b>CNZ/MNZ 10 PV</b>	93.5	100,5	122	52	82	40
<b>CNZ/MNZ 16 PV</b>	117	106,5	142,5	57	105	45
<b>CNZ/MNZ 24 PV</b>	144	116,5	169	57	132	45

the indicated measurements are only approximate and can be changed without prior notice



**part consisting of\*:**

- CNLZ VG**  
CVV LG + CNEF T + CNEM T + CHV L
- MNLZ VG**  
MVV LG + CNEF T + CNEM T + MHV L
- CNZ VG**  
CVV G + CNEF T + CNEM T + CHV
- MNZ VG**  
MVV G + CNEF T + CNEM T + MHV

\*(hood with lever(s) + female insert + male insert + hood)

**hoods with single lever,  
CNE series inserts, hoods  
top entry**



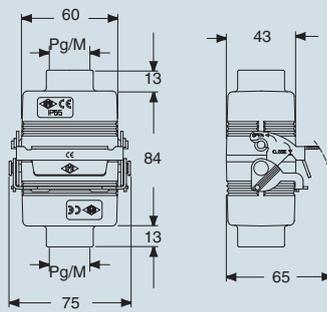
**hoods with single lever,  
CNE series inserts, hoods  
top entry**



description	part No.		part No.		part No.		part No.	
	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M
with lever(s), 6 poles + ⊕, size "44.27"	<b>CNLZ 06 VG</b>	16	<b>MNLZ 06 VG</b>	25				
with lever(s), 10 poles + ⊕, size "57.27"					<b>CNZ 10 VG</b>	16	<b>MNZ 10 VG</b>	25
with lever(s), 16 poles + ⊕, size "77.27"					<b>CNZ 16 VG</b>	21	<b>MNZ 16 VG</b>	32
with lever(s), 24 poles + ⊕, size "104.27"					<b>CNZ 24 VG</b>	21	<b>MNZ 24 VG</b>	32

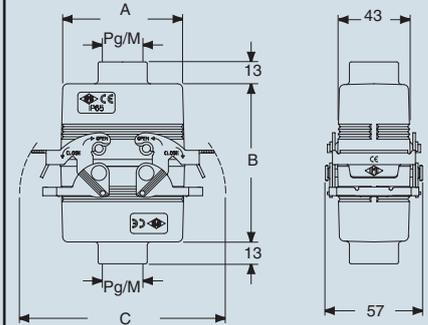
dimensions in mm

**CNLZ/MNLZ VG**



dimensions in mm

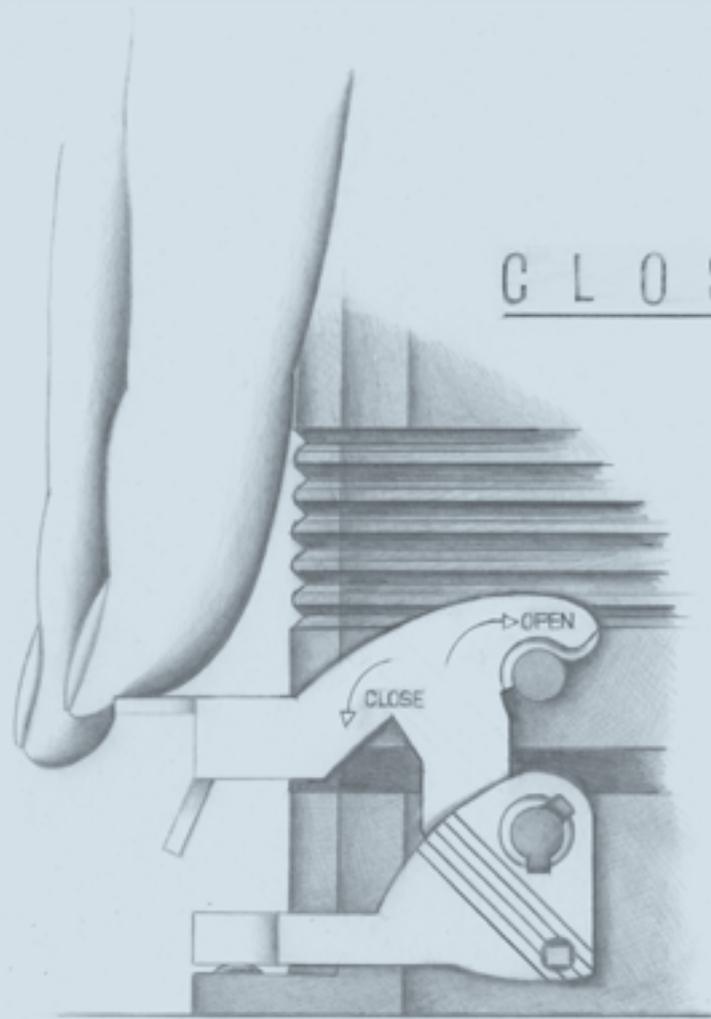
**CNZ/MNZ VG**



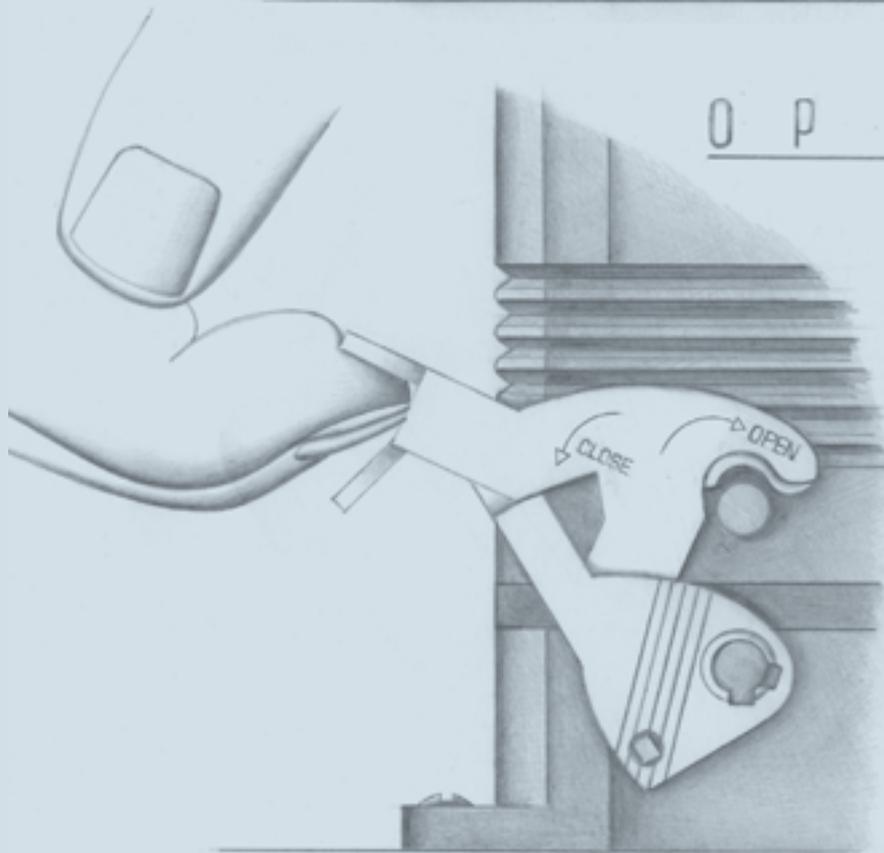
type	A	B	C
<b>CNZ/MNZ 10 VG</b>	73	94	122
<b>CNZ/MNZ 16 VG</b>	93.5	94	142.5
<b>CNZ/MNZ 24 VG</b>	120	114	169

the indicated measurements are only approximate and can be changed without prior notice

C L O S E



O P E N





part consisting of\*:

- CSLZ IO
- CVI L + CSEF + CSEM + CHO L
- MSLZ IO
- CVI L + CSEF + CSEM + MHO L
- CSLZ IV
- CVI L + CSEF + CSEM + CHV L
- MSLZ IV
- CVI L + CSEF + CSEM + MHV L

\*(housing + female insert + male insert + hood)

bulkhead mounting housings with single lever, CSE series inserts, hoods side entry

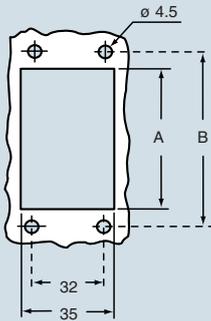


bulkhead mounting housings with single lever, CSE series inserts, hoods top entry



description	part No.		part No.		part No.		part No.	
		entry Pg		entry M		entry Pg		entry M
with lever, 6 poles + ⊕, size "44.27"	CSLZ 06 IO	16	MSLZ 06 IO	25	CSLZ 06 IV	16	MSLZ 06 IV	25
with lever, 10 poles + ⊕, size "57.27"	CSLZ 10 IO	16	MSLZ 10 IO	25	CSLZ 10 IV	16	MSLZ 10 IV	25
with lever, 16 poles + ⊕, size "77.27"	CSLZ 16 IO	21	MSLZ 16 IO	32	CSLZ 16 IV	21	MSLZ 16 IV	32
with lever, 24 poles + ⊕, size "104.27"	CSLZ 24 IO	21	MSLZ 24 IO	32	CSLZ 24 IV	21	MSLZ 24 IV	32

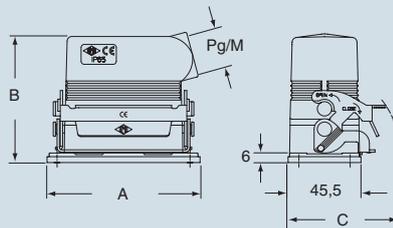
panel cut-out for bulkhead mounting housings in mm



type	A	B
CSLZ/MSLZ 06 I	52	70
CSLZ/MSLZ 10 I	65	83
CSLZ/MSLZ 16 I	86	103
CSLZ/MSLZ 24 I	112	130

dimensions in mm

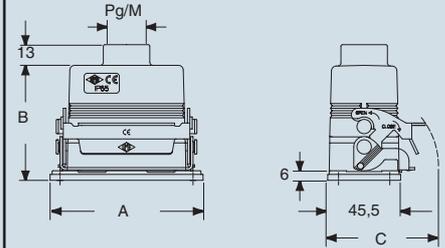
CSLZ/MSLZ IO



type	A	B	C
CSLZ/MSLZ 06 IO	82,5	74	66
CSLZ/MSLZ 10 IO	95,5	79	70
CSLZ/MSLZ 16 IO	115,5	90	70
CSLZ/MSLZ 24 IO	142,5	90	70

dimensions in mm

CSLZ/MSLZ IV



type	A	B	C
CSLZ/MSLZ 06 IV	82,5	67	66
CSLZ/MSLZ 10 IV	95,5	72	70
CSLZ/MSLZ 16 IV	115,5	72	70
CSLZ/MSLZ 24 IV	142,5	82	70

the indicated measurements are only approximate and can be changed without prior notice



part consisting of\*:

- CSZ IO**  
CVI + CSEF + CSEM + CHO
- MSZ IO**  
CVI + CSEF + CSEM + MHO
- CSZ IV**  
CVI + CSEF + CSEM + CHV
- MSZ IV**  
CVI + CSEF + CSEM + MHV

\*(housing + female insert + male insert + hood)

bulkhead mounting housings with two levers, CSE series inserts, hoods side entry

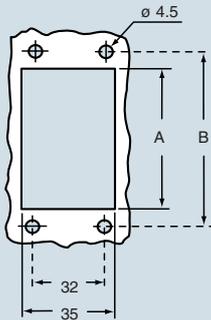


bulkhead mounting housings with two levers, CSE series inserts, hoods top entry



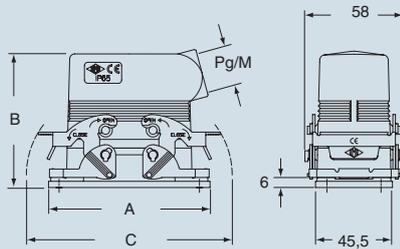
description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 10 poles + ⊕, size "57.27"	<b>CSZ 10 IO</b>	16	<b>MSZ 10 IO</b>	25	<b>CSZ 10 IV</b>	16	<b>MSZ 10 IV</b>	25
with lever, 16 poles + ⊕, size "77.27"	<b>CSZ 16 IO</b>	21	<b>MSZ 16 IO</b>	32	<b>CSZ 16 IV</b>	21	<b>MSZ 16 IV</b>	32
with lever, 24 poles + ⊕, size "104.27"	<b>CSZ 24 IO</b>	21	<b>MSZ 24 IO</b>	32	<b>CSZ 24 IV</b>	21	<b>MSZ 24 IV</b>	32

panel cut-out for bulkhead mounting housings in mm



dimensions in mm

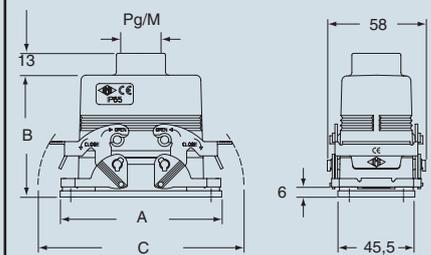
CSZ/MSZ IO



type	A	B	C
<b>CSZ/MSZ 10 IO</b>	95.5	79	122
<b>CSZ/MSZ 16 IO</b>	115.5	90	142,5
<b>CSZ/MSZ 24 IO</b>	142.5	90	169

dimensions in mm

CSZ/MSZ IV



type	A	B	C
<b>CSZ/MSZ 10 IV</b>	95.5	72	122
<b>CSZ/MSZ 16 IV</b>	115.5	72	142,5
<b>CSZ/MSZ 24 IV</b>	142,5	82	169

the indicated measurements are only approximate and can be changed without prior notice



part consisting of\*:

- CSLZ PO
- CVP L + CSEF + CSEM + CHO L
- MSLZ PO
- MVP L + CSEF + CSEM + MHO L
- CSLZ PV
- CVP L + CSEF + CSEM + CHV L
- MSLZ PV
- MVP L + CSEF + CSEM + MHV L

\*(housing + female insert + male insert + hood)

surface mounting housings with single lever, CSE series inserts, hoods side entry



surface mounting housings with single lever, CSE series inserts, hoods top entry

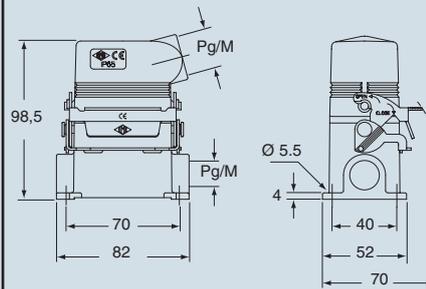


description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 6 poles + ⊕, size "44.27"	CSLZ 06 PO	16	MSLZ 06 PO	20/25	CSLZ 06 PV	16	MSLZ 06 PV	20/25

N.B.:  
entry M 20/25 =  
surface mounting housing M20 / hood M25

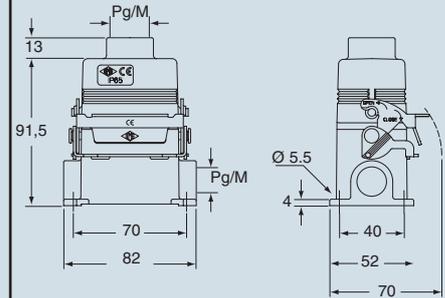
dimensions in mm

CSLZ/MSLZ PO



dimensions in mm

CSLZ/MSLZ PV



the indicated measurements are only approximate and can be changed without prior notice



part consisting of\*:

- CSZ PO**  
CVP + CSEF + CSEM + CHO
- MSZ PO**  
MVP + CSEF + CSEM + MHO
- CSZ PV**  
CVP + CSEF + CSEM + CHV
- MSZ PV**  
MVP + CSEF + CSEM + MHV

\*(housing + female insert + male insert + hood)

surface mounting housings with two levers, CSE series inserts, hoods side entry



surface mounting housings with two levers, CSE series inserts, hoods top entry

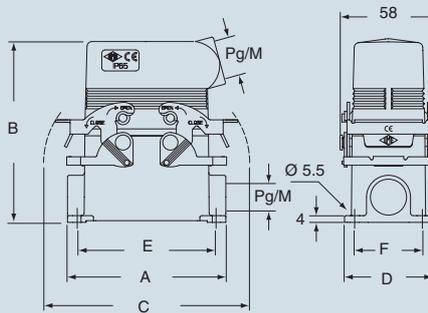


description	part No.		part No.		part No.		part No.	
	entry Pg	entry M						
with lever, 10 poles + ⊕, size "57.27"	<b>CSZ 10 PO</b>	16	<b>MSZ 10 PO</b>	20/25	<b>CSZ 10 PV</b>	16	<b>MSZ 10 PV</b>	20/25
with lever, 16 poles + ⊕, size "77.27"	<b>CSZ 16 PO</b>	21	<b>MSZ 16 PO</b>	25/32	<b>CSZ 16 PV</b>	21	<b>MSZ 16 PV</b>	25/32
with lever, 24 poles + ⊕, size "104.27"	<b>CSZ 24 PO</b>	21	<b>MSZ 24 PO</b>	25/32	<b>CSZ 24 PV</b>	21	<b>MSZ 24 PV</b>	25/32

N.B.:  
entry M 20/25 = surface mounting housing M20 / hood M25  
  
entry M 25/32 = surface mounting housing M25 / hood M32

dimensions in mm

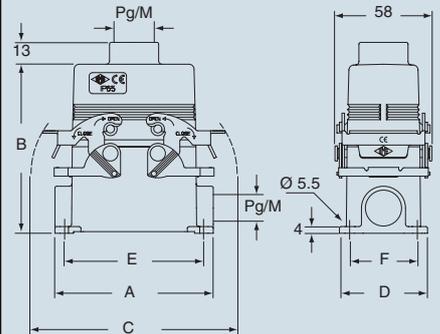
CSZ/MSZ PO



type	A	B	C	D	E	F
<b>CSZ/MSZ 10 PO</b>	93.5	107,5	122	52	82	40
<b>CSZ/MSZ 16 PO</b>	117	124,5	142,5	57	105	45
<b>CSZ/MSZ 24 PO</b>	144	124,5	169	57	132	45

dimensions in mm

CSZ/MSZ PV



type	A	B	C	D	E	F
<b>CSZ/MSZ 10 PV</b>	93.5	100,5	122	52	82	40
<b>CSZ/MSZ 16 PV</b>	117	106,5	142,5	57	105	45
<b>CSZ/MSZ 24 PV</b>	144	116,5	169	57	132	45

the indicated measurements are only approximate and can be changed without prior notice



**part consisting of\*:**

- CSLZ VG**  
CVV LG + CSEF + CSEM + CHV L
- MSLZ VG**  
MVV LG + CSEF + CSEM + MHV L
- CSZ VG**  
CVV G + CSEF + CSEM + CHV
- MSZ VG**  
MVV G + CSEF + CSEM + MHV

\*(hood with lever(s) + female insert + male insert + hood)

**hoods with single lever,  
CSE series inserts, hoods  
top entry**



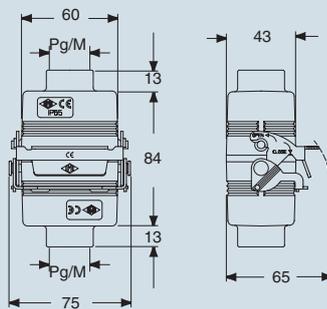
**hoods with single lever,  
CSE series inserts, hoods  
top entry**



description	part No.		part No.		part No.		part No.	
	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M
with lever(s), 6 poles + ⊕, size "44.27"	<b>CSLZ 06 VG</b>	16	<b>MSLZ 06 VG</b>	25				
with lever(s), 10 poles + ⊕, size "57.27"					<b>CSZ 10 VG</b>	16	<b>MSZ 10 VG</b>	25
with lever(s), 16 poles + ⊕, size "77.27"					<b>CSZ 16 VG</b>	21	<b>MSZ 16 VG</b>	32
with lever(s), 24 poles + ⊕, size "104.27"					<b>CSZ 24 VG</b>	21	<b>MSZ 24 VG</b>	32

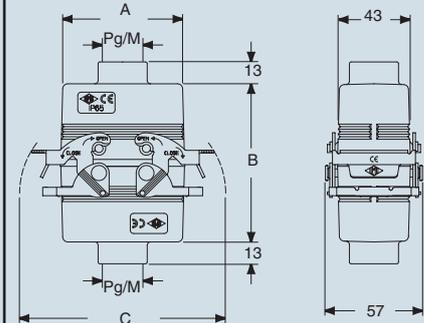
dimensions in mm

**CSLZ/MSLZ VG**



dimensions in mm

**CSZ/MSZ VG**



type	A	B	C
<b>CSZ/MSZ 10 VG</b>	73	94	122
<b>CSZ/MSZ 16 VG</b>	93,5	94	142,5
<b>CSZ/MSZ 24 VG</b>	120	114	169

the indicated measurements are only approximate and can be changed without prior notice