

180 °C ENCLOSURE VERSION



Description

Series specifically developed for industrial applications where the ambient temperatures are particularly harsh (from -40°C to $+180^{\circ}\text{C}$).

These enclosures have supplementary insulating strips inside.

For use with inserts in self-extinguishing thermoplastic material (PPS polyphenylene sulphide).

This version is distinguished by the red colour of the enclosures.

UL certified for USA and Canada for NEMA 4, NEMA 4X and NEMA 12 protection ratings, printed on the packaging.
IP65, IP66 and IP69K protection ratings.

Characteristics of materials used:

- made of die cast aluminium alloy
- chromate treated die cast
- coated with special thermoset powder with high resistance to high temperatures
- gaskets in anti-aging fluoro elastomer
- locking device with levers, springs and pegs in stainless steel
- monoblock lever handles in stainless steel (for CZ..R, CH..R 48 and MZ..R, MH..R 48 versions)
- lever handles in aluminium with special die-cast coating (for CH..R 10, 16, 24 and MH..R 10, 16, 24 versions)
- supplementary insulation inside enclosures

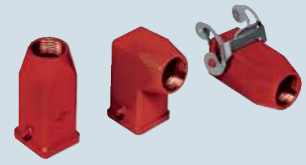


inserts:		page
CK RY	3 poles + ⊕	43
CK RY	4 poles + ⊕	43

straight and angled
bulkhead mounting housings

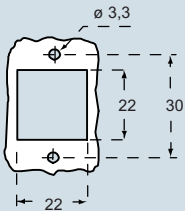


hoods



description	part no. (entry - Pg 11)	part no. (entry - M 20)	part no. (entry - Pg 11)	part no. (entry - M 20)
with stainless steel lever ¹⁾	CKAXR 03 I			
without cable gland, stainless steel lever ¹⁾	CKAXR 03 IA			
with cable gland, stainless steel lever ¹⁾	CKAXR 03 IAP	MKAXR IAP20		
with cable gland, stainless steel lever ¹⁾ , bulkhead hole closed	CKAXR 03 AP	MKAXR AP20		
with pegs, top entry ¹⁾			CKAR 03 V	MKAR V20
with pegs, side entry ¹⁾			CKAR 03 VA	MKAR VA20
with stainless steel lever, top entry ¹⁾			CKAXR 03 VG	MKAXR VG20

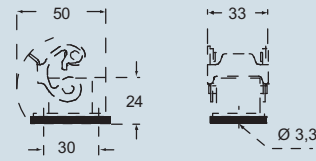
panel cut-out for enclosures, in mm



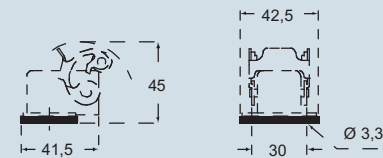
1) enclosures with IP44 protection rating.

dimensions in mm

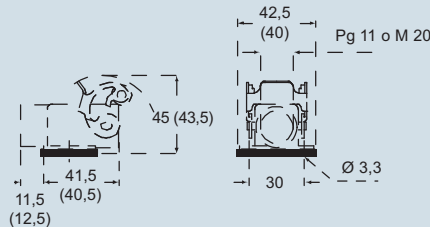
CKAXR I



CKAXR IA

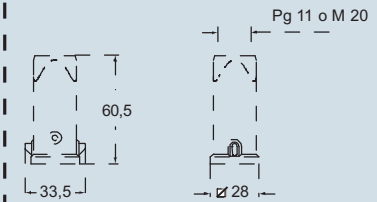


CKAXR IAP (CKAXR AP) and
MKAXR IAP (MKAXR AP)



dimensions in mm

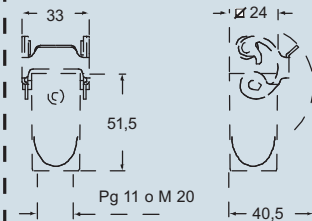
CKAR V and MKAR V



CKAR VA and MKAR VA



CKAXR VG and MKAXR VG



ILME® Type 4/4X/12



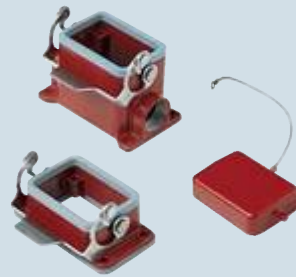
dimensions shown are not binding and may be changed without notice



inserts: page
CNE RY 6 poles + ⊕ 112

insert centre distance:
44 x 27 mm

bulkhead and surface mounting housings and cover

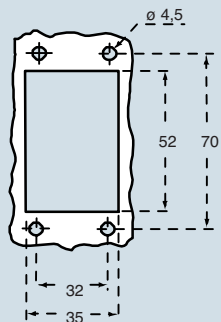


hoods and cover



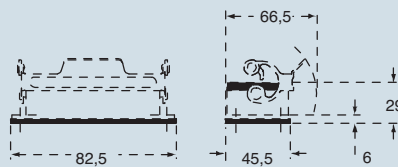
description	part no.		part no.		part no.		part no.	
		entry Pg		entry M		entry Pg		entry M
bulkhead mounting housing with lever	CZIR 06 L	--						
surface mounting housing, with lever	CZPR 06 L	16	MZPR 06 L20	20				
surface mounting housing with lever, high construction	CZAPR 06 L	21	MZAPR 06 L32	32				
cover with pegs (for enclosures)	CHCR 06 L	--						
enclosure with pegs, side entry					CHOR 06 L13	13.5	MHOR 06 L20	20
enclosure with pegs, side entry, high construction					CAOR 06 L21	21	MAOR 06 L32	32
enclosure with pegs, top entry					CHVR 06 L13	13.5	MHVR 06 L20	20
enclosure with pegs, top entry, high construction					CAVR 06 L21	21	MAVR 06 L32	32
cover with lever (for hoods)					CZCR 06 LG	--		

panel cut-out for bulkhead mounting housings in mm

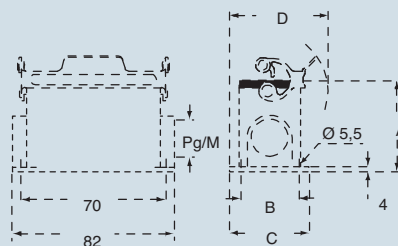


dimensions in mm

CZIR L



CZPR L - CZAPR L and MZPR L - MZAPR L

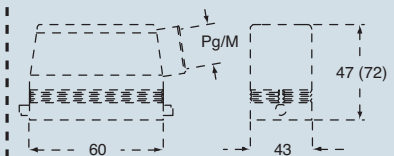


CHCR L

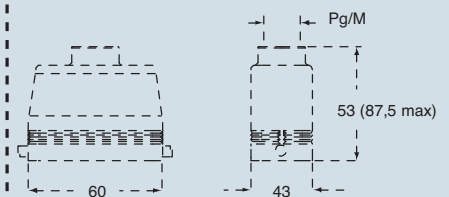


dimensions in mm

CHOR L (CAOR L) and MHOR L (MAOR L)



CHVR L (CAVR L) and MHVR L (MAVR L)



CZCR LG



CAIUS® Type
4/4X/12



dimensions shown are not binding
 and may be changed without notice

type	A	B	C	D
CZPR L / MZPR L	53	40	52	69.5
CZAPR L / MZAPR L	74	45	57	72

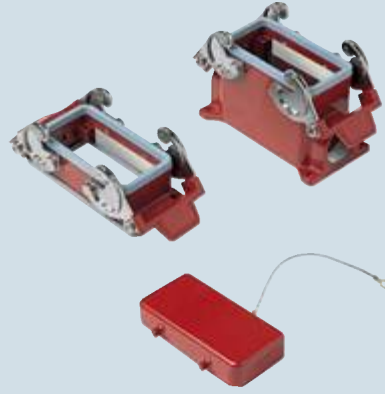
180 °C - size 44.27



inserts:
CNE RY 10 poles + ⊕ page 113

insert centre distance:
57 x 27 mm

bulkhead and surface mounting housings and cover



hoods and cover

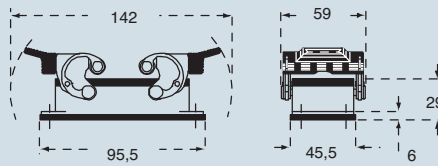


description	part no.		entry		part no.		entry	
	Pg	M	Pg	M	Pg	M	Pg	M
bulkhead mounting housing, with lever	CHIR 10	—						
surface mounting housing, with levers	CHPR 10	16	MHPR 10.20	20				
surface mounting housing, with levers, high construction	CAPR 10.21	21	MAPR 10.32	32				
cover with 4 pegs (for enclosures)	CHCR 10							
enclosure with pegs, side entry					CHOR 10	16	MHOR 10.20	20
enclosure with pegs, side entry, high construction					CAOR 10.21	21	MAOR 10.32	32
enclosure with pegs, top entry					CHVR 10	16	MHVR 10.20**	20
enclosure with pegs, top entry, high construction					CAVR 10.21	21	MAVR 10.32	32
cover with 2 levers (for hoods)					CHCR 10 G			

** can only be used with a complete cable gland (to be purchased separately)

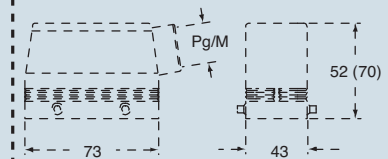
dimensions in mm

CHIR

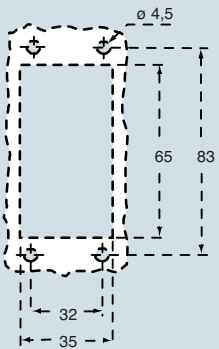


dimensions in mm

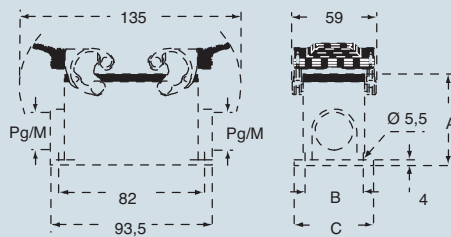
CHOR (CAOR) and MHOR (MAOR)



panel cut-out for bulkhead mounting housings in mm

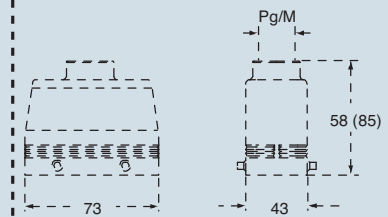


CHPR - CAPR and MHPR - MAPR

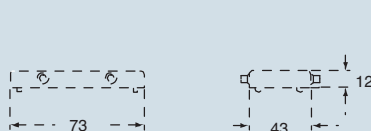


type	A	B	C
CHPR / MHPR	57	40	52
CAPR / MAPR	74	45	57

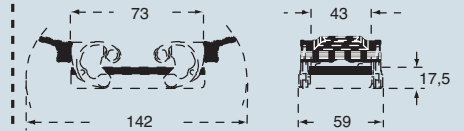
CHVR (CAVR) and MHVR (MAVR)



CHCR



CHCR G



ILME® Type
4/4X/12



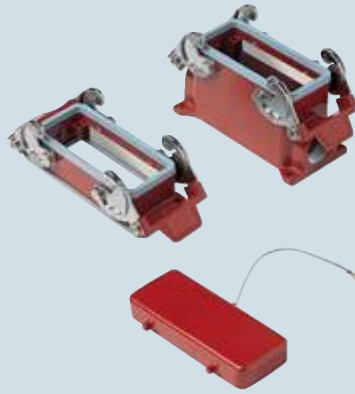
dimensions shown are not binding
 and may be changed without notice



inserts:		page
CNE RY	16 poles + ⊕	114
CP RY	6 poles + ⊕	149

insert centre distance:
77.5 x 27 mm

bulkhead and surface mounting housings and cover

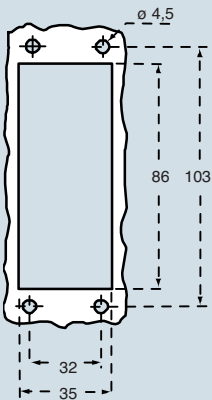


hoods and cover



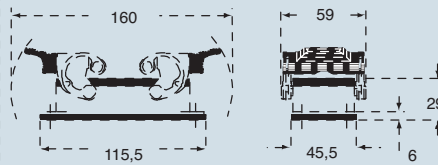
description	part no.		entry		part no.		entry	
			Pg	M			Pg	M
bulkhead mounting housing with levers	CHIR 16		--					
surface mounting housing, with levers, high construction	CAPR 16.21		21		MAPR 16.32		32	
cover with 4 pegs (for enclosures)	CHCR 16							
enclosure with pegs, side entry					CHOR 16	21		MHOR 16.25 25
enclosure with pegs, side entry, high construction					CAOR 16.21	21		MAOR 16.40 40
enclosure with pegs, top entry					CHVR 16	21		MHVR 16.25 25
enclosure with pegs, top entry, high construction					CAVR 16.21	21		MAVR 16.40 40
cover with 2 levers (for hoods)					CHCR 16 G			

panel cut-out for bulkhead mounting housings in mm

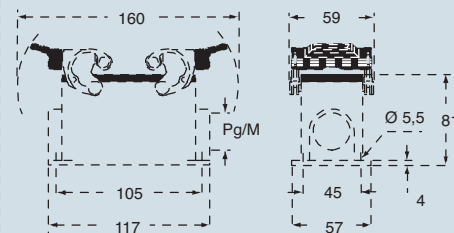


dimensions in mm

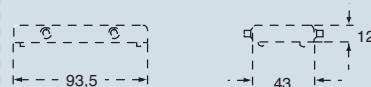
CHIR



CAPR and MAPR

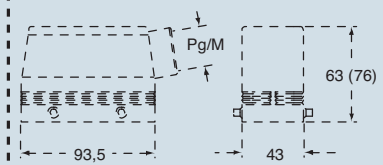


CHCR

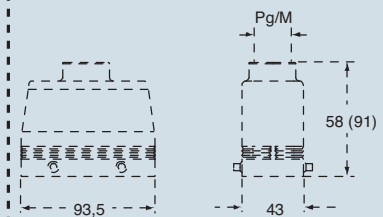


dimensions in mm

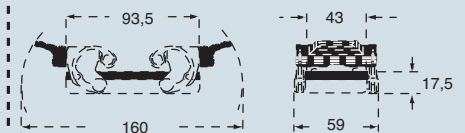
CHOR (CAOR) and MHOR (MAOR)



CHVR (CAVR) and MHVR (MAVR)



CHCR G



CALUS Type 4/4X/12



dimensions shown are not binding and may be changed without notice

180 °C - size 77.27



inserts: page
CNE RY 24 poles + ⊕ 115

insert centre distance:
104 x 27 mm

bulkhead and surface mounting housings and cover

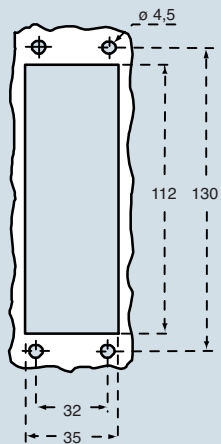


hoods and cover



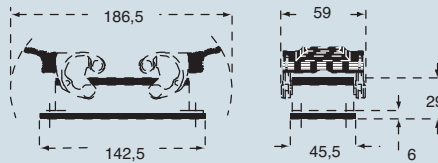
description	part no.		part no.		part no.		part no.	
		entry Pg		entry M		entry Pg		entry M
bulkhead mounting housing, with levers	CHIR 24	--						
surface mounting housing, with levers, high construction	CAPR 24.21	21	MAPR 24.32	32				
cover with 4 pegs (for enclosures)	CHCR 24							
enclosure with pegs, side entry					CHOR 24	21	MHOR 24.25	25
enclosure with pegs, side entry, high construction					CAOR 24.29	29	MAOR 24.40	40
enclosure with pegs, top entry					CHVR 24	21	MHVR 24.25	25
enclosure with pegs, top entry, high construction					CAVR 24.29	29	MAVR 24.40	40
cover with 2 levers (for hoods)					CHCR 24 G			

panel cut-out for bulkhead mounting housings in mm

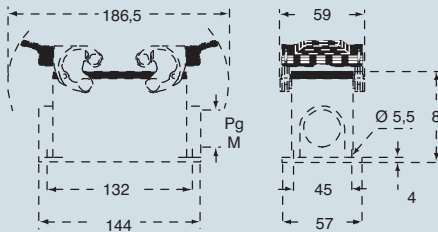


dimensions in mm

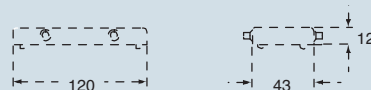
CHIR



CAPR and MAPR

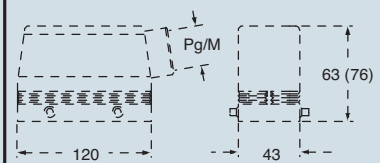


CHCR

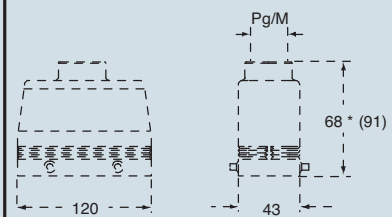


dimensions in mm

CHOR (CAOR) and MHOR (MAOR)

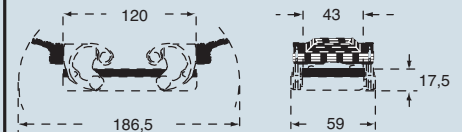


CHVR (CAVR) and MHVR (MAVR)



* 69.5 for Pg 29 - M 40 versions

CHCR G



CALUS Type 4/4X/12



dimensions shown are not binding and may be changed without notice

180 °C - size 104.27



inserts: page
CNE RY 48 poles + ⊕ 116

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

bulkhead and surface mounting housings

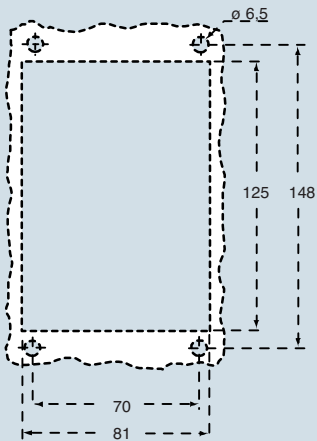


hoods



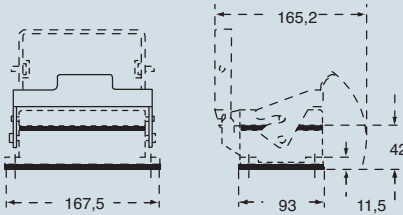
description	part no.	entry Pg	part no.	entry M	part no.	entry Pg	part no.	entry M
bulkhead mounting housings, with lever and cover	CHIR 48 LS	--						
surface mounting housings, with lever and cover	CHPR 48 LS	36 x 1/2	MHPR 48 LS40	40 x 1/2				
with pegs, side entry					CHOR 48 L	36	MHOR 48 L40	40
with pegs, top entry					CHVR 48 L	36	MHVR 48 L40	40

panel cut-out for bulkhead mounting housings in mm

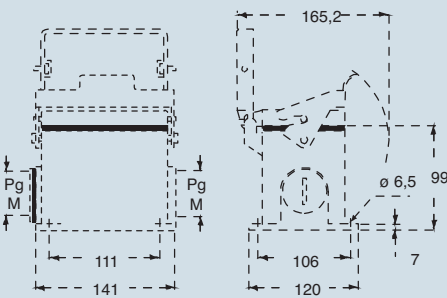


dimensions in mm

CHIR LS

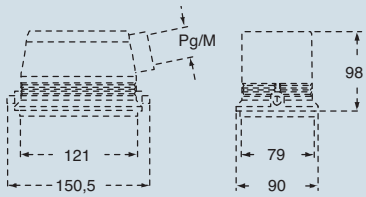


CHPR LS and MHPR LS

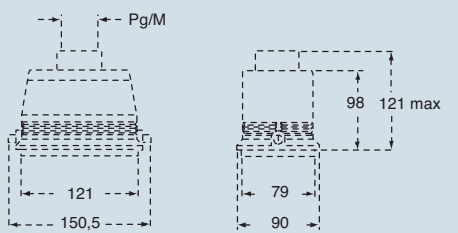


dimensions in mm

CHOR L and MHOR L



CHVR L and MHVR L



CALUS® Type 4/4X/12



dimensions shown are not binding and may be changed without notice

180 °C - size 104.62