

CLASS series enclosures sees the introduction of new versions for **Heavy Duty** aggressive environments distinguishable by the colour RAL 9005 black.

The Heavy Duty series is specially **designed for industrial applications where particularly aggressive external agents are present** (e.g. salty environments, etc.).

The range includes enclosures in the 8 basic sizes and in dual versions with 32 and 48 poles.
The enclosures may be bulkhead, surface-mounting or hoods with side or top entry.

The new version is **distinguished by the black colour** and has the following characteristics:

- new **chromate die-casting** treatment (RoHS compliant) providing **50% improvement in resistance in salt spray tests** (according to UNI EN ISO 9227) compared to the previous green versions
- **oven painted with epoxy polyester powder (improved resistance** to chemical agents compared to epoxy polyester).

Other construction characteristics are:

1) CKA..W and MKA..W series

- 21.21 size inserts
- gaskets in anti-aging fluoro elastomer
- monoblock locking device in stainless steel

2) CH..W, CA..W and MH..W, MA..W series

- 44.27, 57.27, 77.27, 104.27, 77.62, 104.62, 66.40 size inserts
- gaskets in anti-aging fluoro elastomer
- pegs in stainless steel
- CLASS type levers (stainless steel lever body, springs and pins, lever in thermoplastic material reinforced with glass fibers)
- supplementary insulation inside enclosures

3) CZ..W and MZ..W series

- 49.16, 66.16 size inserts
- locking device with levers, springs and pins in stainless steel
- pegs in stainless steel
- supplementary insulation inside enclosures

UL approved for USA and Canada for protection ratings **UL Type 4 (= NEMA 4)**, **UL Type 4X (= NEMA 4X)** and **UL Type 12 (= NEMA 12)** according to the American standard ANSI/UL 50.

With connector complete and with appropriate cable glands, it is possible to guarantee **IP44, IP66 protection** compliant with EN 60529 and **IP69K** compliant with DIN 40050-9 (water jet at 80 °C (± 5 °C) at a pressure of 80bar + 100 bar, for a period of 30s for each angle of inclination 0°, 30°, 60° and 90° w.r.t the plane).

Ambient temperature limits from -40 °C to +125 °C.

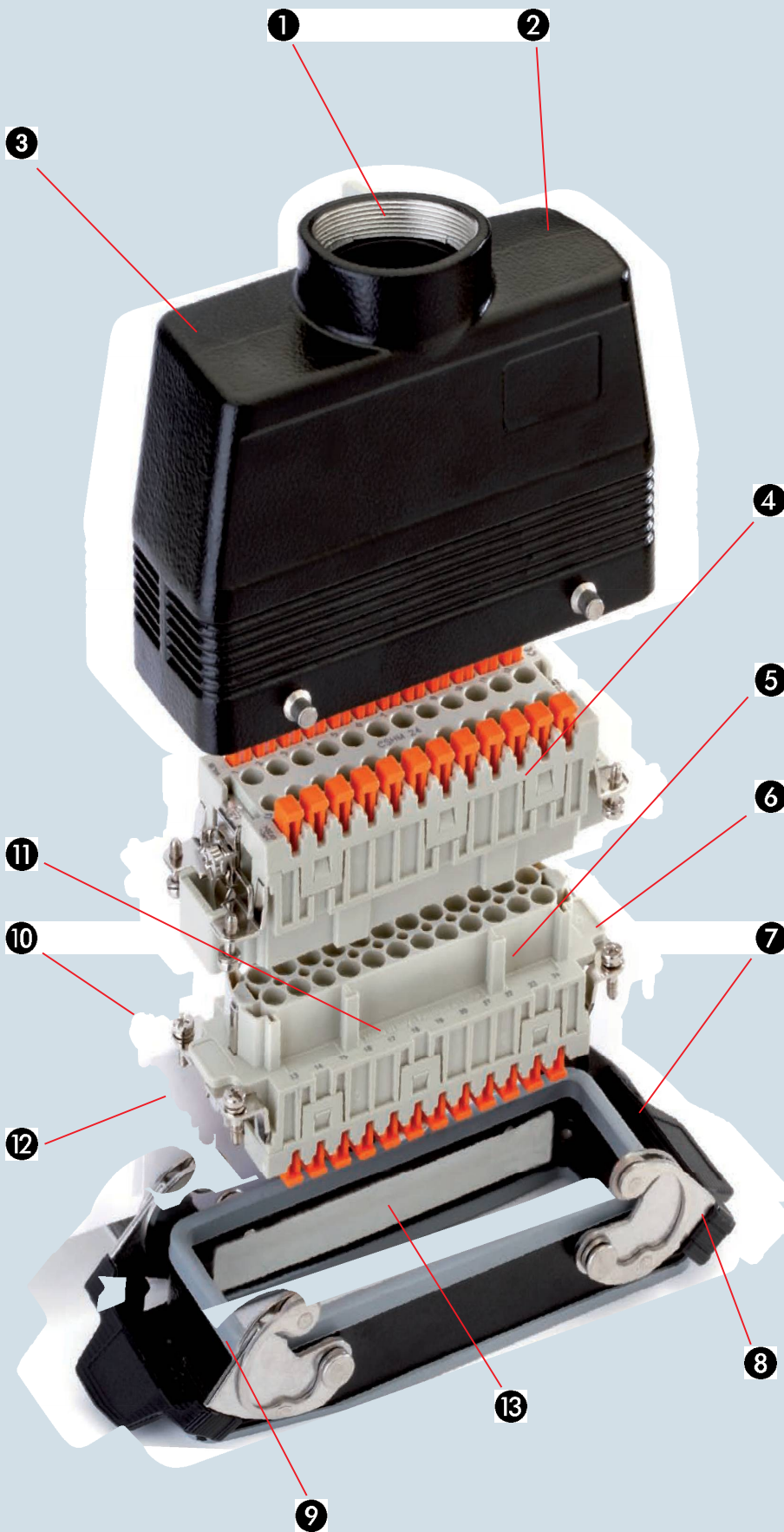
Enclosures **can accommodate all connector inserts** with crimp, screw, spring and the innovative Squich ® connection.

The enclosures do not have any internal tabs and therefore **allow insertion of CME inserts** with rated voltage of 830V, thanks to the additional insulation strips placed inside.

The new series joins the family of traditional CLASS series enclosures and will support **the various solutions: standard (grey), for temperatures up to 180 °C (red), with protection rating IP68, in thermoplastic insulating material (T-Type) and with vertical lever locking system (V-Type).**

The new enclosures for aggressive environments in RAL 9005 black replace the previous and similar green versions.





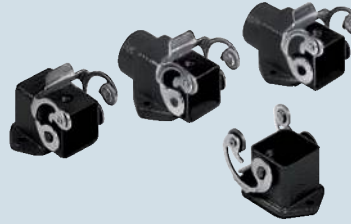
- 1 Threaded cable passage in various Pg diameters (types with pre-code "C") or metric passage (types with pre-code "M") in accordance with EN 60423, for cable entry devices in accordance with EN 50262 (NPT threading on request), may be located vertically, horizontally or frontally.
- 2 Sturdy foundry grade aluminium alloy enclosures with stainless steel treated pegs. Fixed surface-mounted, bulkhead and hood versions are available.
- 3 Metallic enclosures with a coated finish of epoxy-polyester with high resistance to mechanical stress and external agents. New chromate die-casting treatment (RoHS compliant) providing 50% improvement in resistance in salt spray tests (according to UNI EN ISO 9227) compared to the previous green versions.
- 4 The inserts are made of UL certified self-extinguishing fibreglass reinforced thermoplastics, and feature an operating temperature range between -40 °C and +125 °C.
- 5 Insert profile polarised with asymmetrical guides to avoid incorrect matings. The inserts have a mechanical life equal to or higher than 500 mating cycles.
- 6 Inserts are manufactured in compliance with European standard EN 61984 (DIN VDE 0627), certified and identified with UL, CSA, CCC, GL and GOST markings.
- 7 Gaskets in anti-aging, oil-resistant and fuel-resistant fluoro elastomer.
- 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 Captive insert fastening screws, with anti-slackening spring washer
- 11 Contact position identified with numbers or codes on both sides of each insert and printed with a laser system or from a die.
- 12 Protective earth terminal with a wide contact surface.
- 13 Supplementary insulation inside enclosures

inserts:

CK	3 poles + ⊕	40
CK	4 poles + ⊕	40
CKS	3 poles + ⊕	41
CKS	4 poles + ⊕	41
CD	8 poles + ⊕	46
CDA	5 poles + ⊕	69
CDC	12 poles + ⊕	68

insert dimensions:
21 x 21 mm

bulkhead mounting housings
straight and angled

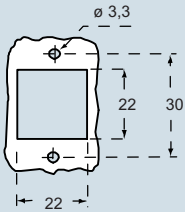


hoods



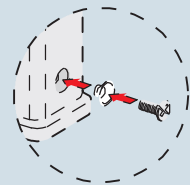
description	part no. (entry - Pg 11)	part no. (entry - M 20)	part no. (entry - Pg 11)	part no. (entry - M 20)
with stainless steel lever	CKAXW 03 I			
without cable gland, stainless steel lever	CKAXW 03 IA			
without cable gland, stainless steel lever	CKAXW 03 IAP	MKAXW IAP20		
without cable gland, stainless steel lever	CKAXW 03 AP	MKAXW AP20		
with pegs, top entry			CKAW 03 V	MKAW V20
with pegs, side entry			CKAW 03 VA	MKAW VA20
with stainless steel lever, top entry			CKAXW 03 VG	MKAXW VG20
gasket and screw kit for IP66/IP67 ¹⁾ for CK, CQ 05, CKS inserts	CKR 65		CKR 65	
gasket and screw kit for IP66/IP67 ¹⁾ for CD 08 inserts	CKR 65 D		CKR 65 D	

panel cut-out for bulkhead mounting housings in mm

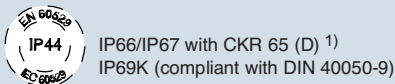


1) To obtain the protection rating IP66/IP67 a kit is provided that includes a gasket to fit under the insert fixing screws supplied with the kit (see illustrative example)

Note:
CQ 12 inserts are already supplied with a gasket and screw which ensure IP66/IP67 protection rating.



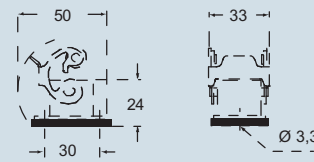
CALUS®
Type 12
Type 4/4X only
with CKR 65 (D)



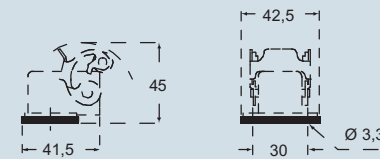
dimensions shown are not binding
and may be changed without notice

dimensions in mm

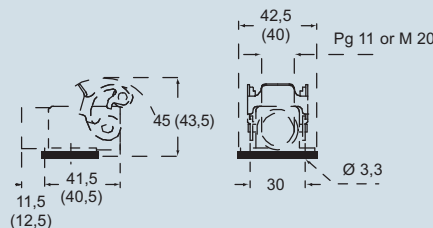
CKAXW I



CKAXW IA

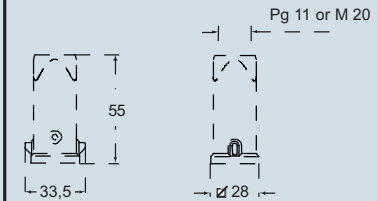


CKAXW IAP (CKAXW AP) and
MKAXW IAP (MKAXW AP)

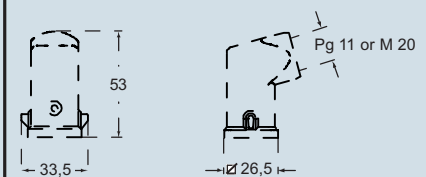


dimensions in mm

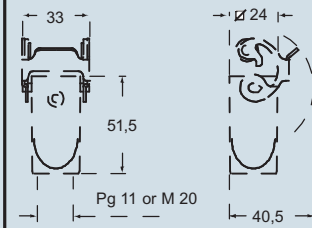
CKAW V and MKAW V



CKAW VA and MKAW VA



CKAXW VG and MKAXW VG



inserts:

CK	15 poles + ⊕	47
CK	10 poles + ⊕	72
CK	10 poles + ⊕	73
MIXO	1 module	156+195

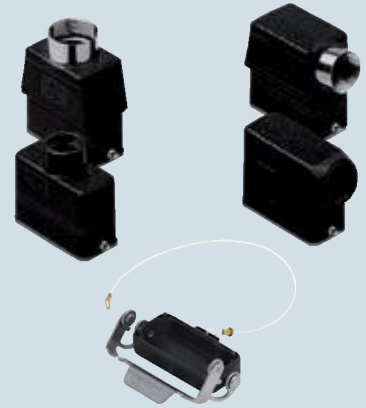
insert centre distance:
49 x 16 mm

The covers for L and LG versions cannot be used together with coding pins.
If this application is required, please contact ILME SpA.

housings and cover

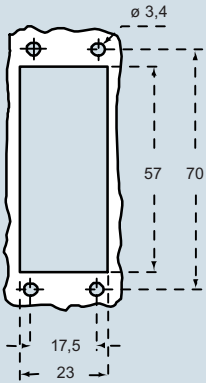


hoods and cover



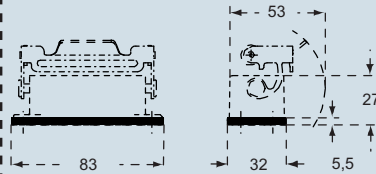
description	part no.	entry Pg	part no.	entry M	part no.	entry Pg	part no.	entry M
bulkhead mounting housing with lever	CZIW 15 L	—						
surface mounting housing, with lever	CZPW 15 L2	16 x 2	MZPW 15 L225	25 x 2				
cover with pegs (for 1 lever enclosures)	CZCW 15 L							
enclosure with pegs, side entry					CZOW 15 L	16	MZOW 15 L20	20
enclosure with pegs, side entry							MZOW 15 L25	25
enclosure with pegs, side entry, high construction					CZAOW 15 L21	21	MZAOW 15 L25	25
enclosure with pegs, top entry					CZVW 15 L	13,5	MZVW 15 L20	20
enclosure with pegs, top entry, high construction					CZAVW 15 L21	21	MZAVW 15 L25	25
cover with lever (for enclosures with pegs)					CZCW 15 LG			

panel cut-out for bulkhead mounting housing in mm

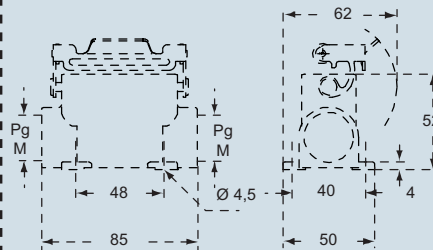


dimensions in mm

CZIW L



CZPW L and MZPW L

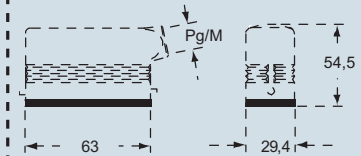


CZCW L

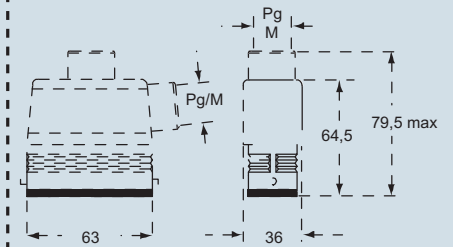


dimensions in mm

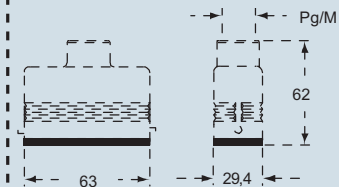
CZOW L and MZOW L



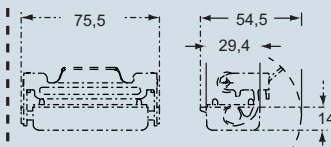
CZAOW L - MZAOW L and CZAVW L - MZAVW L



CZVW L and MZVW L



CZCW LG



CRUUS® Type 4/4X/12



IP69K (compliant with DIN 40050-9)

dimensions shown are not binding and may be changed without notice

W-TYPE - size 49.16

inserts:

CD	25 poles + ⊕	48
CDD	38 poles + ⊕	60
CDA	16 poles + ⊕	74
CK	16 poles + ⊕	75

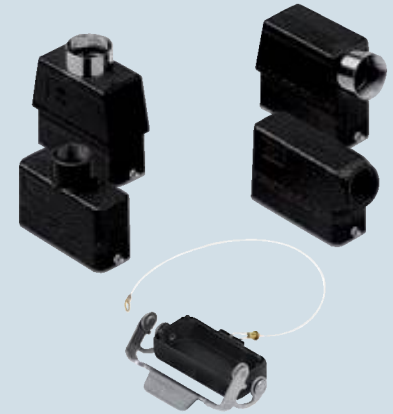
insert centre distance:
66 x 16 mm

The covers for L and LG versions cannot be used together with coding pins.
If this application is required, please contact ILME SpA.

housings and cover

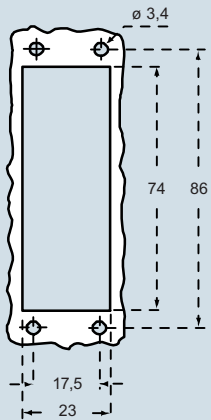


hoods and cover



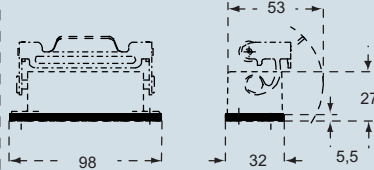
description	part no.	entry Pg	part no. no.	entry M	part no. no.	entry Pg	part no. no.	entry M
bulkhead mounting housing with lever	CZIW 25 L	—						
surface mounting housing, with lever	CZAPW 25 L2	16 x 2	MZAPW 25L225	25 x 2				
cover with pegs (for 1 lever enclosures)	CZCW 25 L							
enclosure with pegs, side entry					CZOW 25 L	16	MZOW 25 L20	20
enclosure with pegs, side entry							MZOW 25 L25	25
enclosure with pegs, side entry, high construction					CZAOW 25 L21	21	MZAOW 25 L25	25
enclosure with pegs, top entry					CZVW 25 L	16	MZVW 25 L20 *	20
enclosure with pegs, top entry, high construction					CZAVW 25 L21	21	MZAVW 25 L25	25
cover with lever (for enclosures with pegs)					CZCW 25 LG			

panel cut-out for bulkhead mounting housings in mm

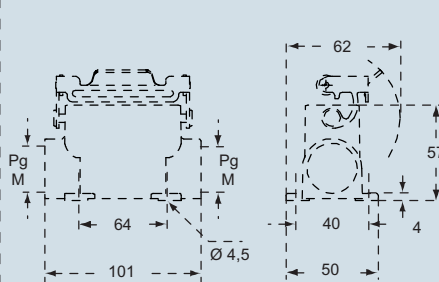


dimensions in mm

CZIW L



CZAPW L and MZAPW L

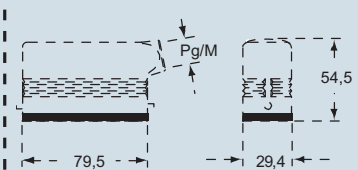


CZCW L

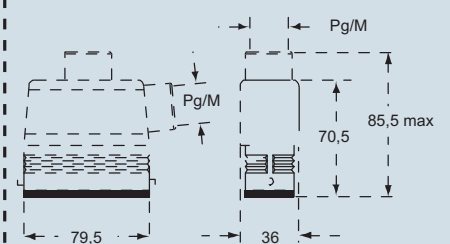


dimensions in mm

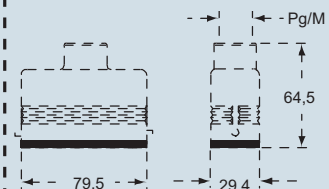
CZOW L and MZOW L



CZAOW L - MZAOW L and CZAVW L - MZAVW L

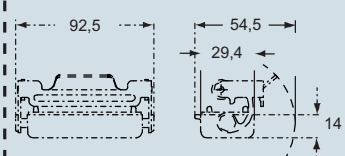


CZVW L and MZVW L

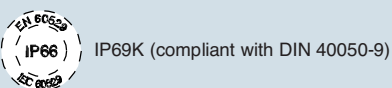


* can only be used with a complete cable gland (to be purchased separately)

CZCW LG



CRUIS Type 4/4X/12



dimensions shown are not binding and may be changed without notice

CH - CA and MH - MA enclosures size "66.40" for aggressive environments



inserts:

CD	50 poles + ⊕	50
CDD	76 poles + ⊕	63
CDA	32 poles + ⊕	76
CDC	32 poles + ⊕	77

insert dimensions:
2 x (66 x 16) mm

CHCW 50 and CHCW 50 G covers cannot be used together with coding pins. If this application is required, please contact ILME SpA.

housings and cover

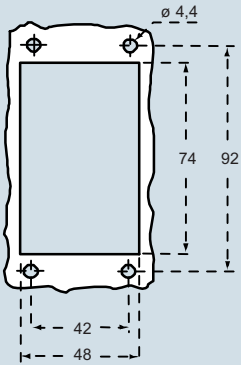


hoods and cover



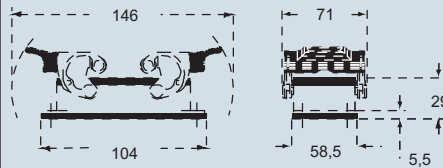
description	part no.		part no.		part no.		part no.	
	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M
bulkhead mounting housings with lever	—	—	—	—	—	—	—	—
surface mounting housing, with lever	21	32	MHPW 50.32	32	—	—	—	—
surface mounting housing, with lever	29 x 2	50 x 2	MHPW 50.229	50 x 2	—	—	—	—
cover with 4 pegs (for housings with 2 levers)	CHCW 50							
enclosure with pegs, side entry					CHOW 50	21	MHOW 50.25	25
enclosure with pegs, side entry					CAOW 50.29	29	MHOW 50.32	32
enclosure with pegs, side entry, high construction					CAVW 50.29	29	MAOW 50.32	32
enclosure with pegs, top entry, high construction					CAVW 50.29	29	MAVW 50.32	32
cover with 2 levers (for enclosures with 4 pegs)					CHCW 50 G			

panel cut-out for bulkhead mounting housings in mm

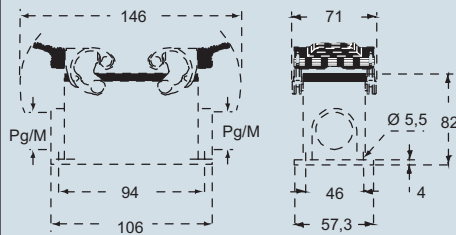


dimensions in mm

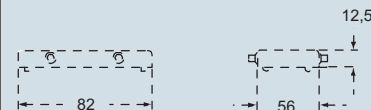
CHIW



CHPW and MHPW

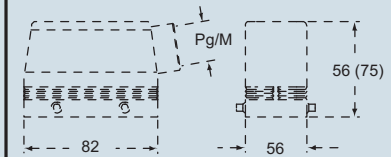


CHCW



dimensions in mm

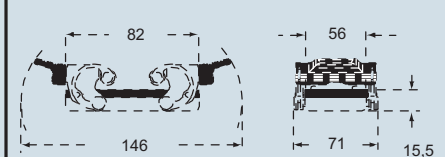
CHOW (CAOW) and MHOW (MAOW)



CAVW and MAVW



CHCW G



CALUS Type 4/4X/12



IP66K (compliant with DIN 40050-9)

dimensions shown are not binding and may be changed without notice

W-TYPE - size 66.40



inserts:

CDD	24 poles + ⊕	59
CQE	10 poles + ⊕	80
CSH	6 poles + ⊕	88
CCE	6 poles + ⊕	94
CNE, CSE, JCNE, JCSE	6 poles + ⊕ 95 and 106	
CSS	6 poles + ⊕	118
CT, CTE, CTSE *) (16A) ..	6 poles + ⊕ 126 and 130	
MIXO	2 modules	156+195

*) only for enclosure **CHIW 06 L**

insert centre distance:
44 x 27 mm

housings and cover

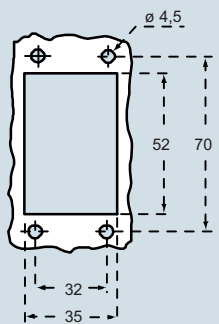


hoods and cover



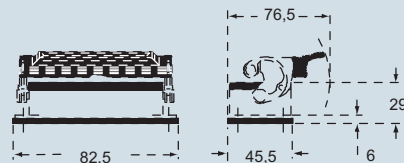
description	part no.	entry Pg	part no.	entry M	part no.	entry Pg	part no.	entry M
bulkhead mounting housing with lever	CHIW 06 L	—						
surface mounting housing, with lever	CAPW 06 L	21	MAPW 06 L32	32				
cover with pegs (for 1 lever enclosures)	CHCW 06 L							
enclosure with pegs, side entry, high construction					CAOW 06 L21	21	MAOW 06 L32	32
enclosure with pegs, top entry, high construction					CAVW 06 L21	21	MAVW 06 L32	32
cover with lever (for enclosures with pegs)					CHCW 06 LG			
enclosure with pegs and gasket, side entry, high construction					CAVW 06 LG	21	MAVW 06 LG32	32

panel cut-out for bulkhead mounting housings in mm

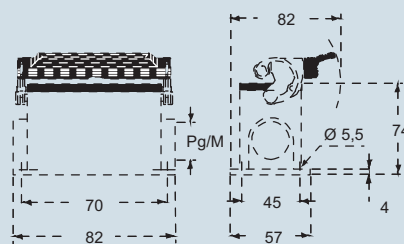


dimensions in mm

CHIW L



CAPW L and MAPW L

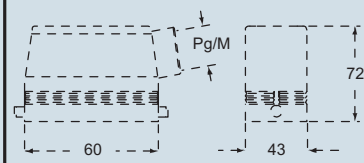


CHCW L

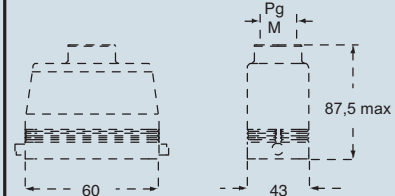


dimensions in mm

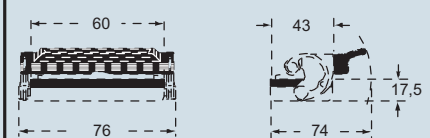
CAOW L and MAOW L



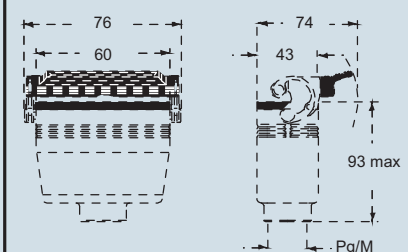
CAVW L and MAVW L



CHCW LG



CAVW LG and MAVW LG



CAVUS® Type
4/4X/12



IP66 (compliant with DIN 40050-9)

dimensions shown are not binding
and may be changed without notice

CH - CA and MH - MA enclosures size "57.27" for aggressive environments



inserts:

CDD	42 poles + ⊕	61
CQE	18 poles + ⊕	81
CSH	10 poles + ⊕	89
CCE	10 poles + ⊕	96
CNE, CSE, JCNE, JCSE	10 poles + ⊕ 97 and 107	
CSS	10 poles + ⊕	119
CT, CTE, CTSE *) (16A)	10 poles + ⊕ 127 and 131	
CMSE	3+2 poles + ⊕	135
CMCE	3+2(aux) poles + ⊕	134
CME	3+2(aux) poles + ⊕	135
CX	8/24 poles + ⊕	151
MIXO	3 modules	156+195

*) only for enclosure CHIW 10

insert centre distance: 57 x 27 mm

housings and cover

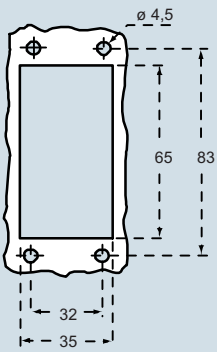


hoods and cover



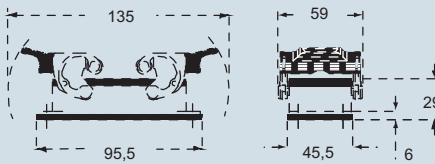
description	part no.	entry Pg	part no.	entry M	part no.	entry Pg	part no.	entry M
bulkhead mounting housing with levers	CHIW 10	—						
surface mounting housing, with levers, high construction	CAPW 10.21	21	MAPW 10.32	32				
cover with 4 pegs (for enclosures with 2 levers)	CHCW 10							
enclosure with pegs, side entry, high construction					CAOW 10.21	21	MAOW 10.32	32
enclosure with pegs, top entry, high construction					CAVW 10.21	21	MAVW 10.32	32
cover with 2 levers (for enclosures with 4 pegs)					CHCW 10 G			
enclosure with levers and gasket, top entry, high construction					CAVW 10 G	21	MAVW 10 G32	32

panel cut-out for bulkhead mounting housings in mm

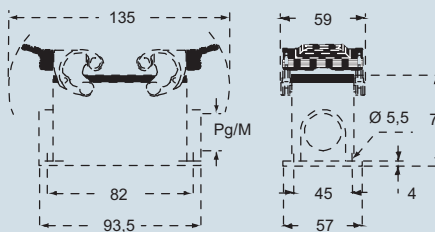


dimensions in mm

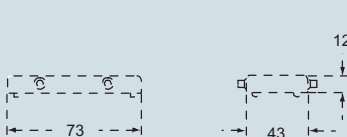
CHIW



CAPW and MAPW

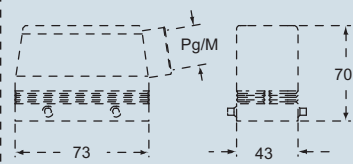


CHCW

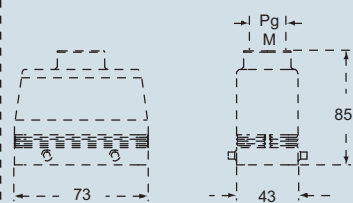


dimensions in mm

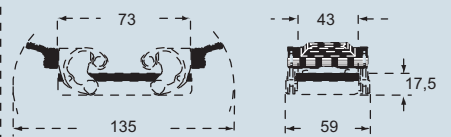
CAOW and MAOW



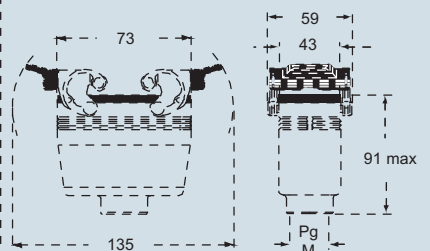
CAVW and MAVW



CHCW G



CAVW G and MAVW G



CALUS Type 4/4X/12



IP69K (compliant with DIN 40050-9)

dimensions shown are not binding and may be changed without notice

W-TYPE - size 57.27

CH - CA and MH - MA enclosures size "77.27" for aggressive environments



inserts:

CD	40	poles + ⊕	49
CT, CTS *) (10A)	40	poles + ⊕	56
CDD	72	poles + ⊕	62
CQE	32	poles + ⊕	82
CSH	16	poles + ⊕	90
CCE	16	poles + ⊕	98
CNE, CSE, JCNE, JCSE	16	poles + ⊕	99 and 108
CSS	16	poles + ⊕	120
CT, CTE, CTSE *) (16A)	16	poles + ⊕	128 and 132
CMSE, CMCE....	6+2(aux)	poles + ⊕	137 and 136
CME	6+2(aux)	poles + ⊕	137
CP	6	poles + ⊕	149
CX	6/36/ and 12/2	poles + ⊕	152+153
CIX	4/0/ and 4/2	poles + ⊕	154
MIXO	4	modules	156+195

*) only for enclosure CHIW 16
insert centre distance: 77.5 x 27 mm

housings and cover

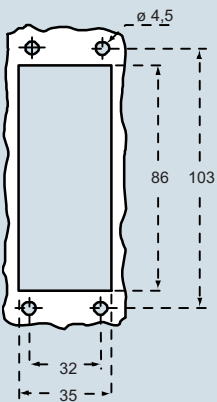


hoods and cover

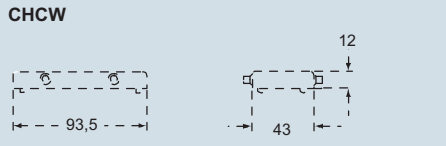
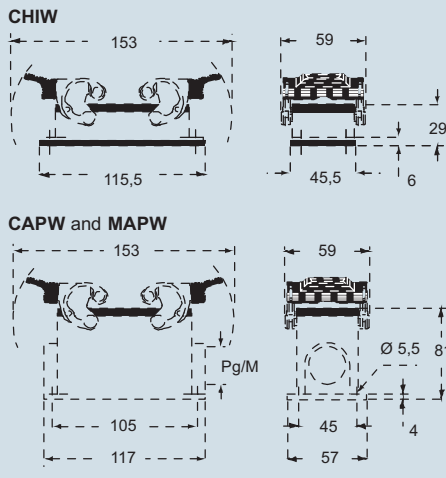


description	part no.		part no.		part no.		part no.	
	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M
bulkhead mounting housing with levers	—	—	—	—	—	—	—	—
surface mounting housing, with levers, high construction	CHIW 16	—	MAPW 16.32	32				
cover with 4 pegs (for enclosures with 2 levers)	CAPW 16.21	21						
enclosure with pegs, side entry,					CHCW 16			
enclosure with pegs, side entry, high construction							CHOW 16	21
enclosure with pegs, side entry, high construction							MHOW 16.25	25
enclosure with pegs, side entry, high construction							MHOW 16.32	32
enclosure with pegs, top entry,							MAOW 16.32	32
enclosure with pegs, top entry, high construction							MHOW 16.40	40
enclosure with pegs, top entry, high construction							MHVW 16.25	25
enclosure with pegs, top entry, high construction							MHVW 16.32	32
enclosure with pegs, top entry, high construction							MAVW 16.32	32
enclosure with pegs, top entry, high construction							MAVW 16.40	40
cover with 2 levers (for enclosures with 4 pegs)							CHCW 16 G	
enclosure with levers, top entry, high construction					CAVW 16 G29	29	MAVW 16 G32	32

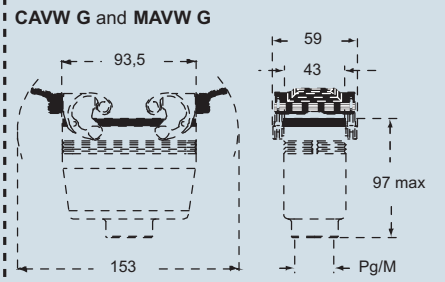
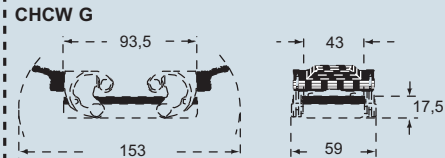
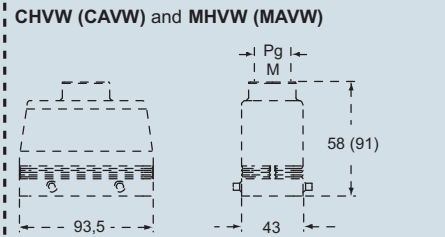
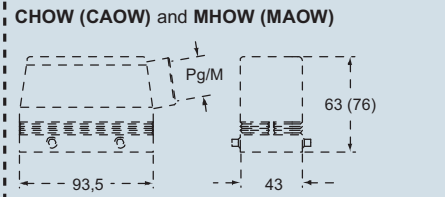
panel cut-out for bulkhead mounting housings in mm



dimensions in mm



dimensions in mm



ILME® Type 4/4X/12



IP69K (compliant with DIN 40050-9)

dimensions shown are not binding and may be changed without notice

W-TYPE - size 77.27

CH - CA and MH - MA enclosures size "104.27" for aggressive environments



inserts:

CD	64	poles + ⊕	51
CT, CTS *) (10A)	64	poles + ⊕	57
CDD	108	poles + ⊕	64
CQE	46	poles + ⊕	83
CSH	24	poles + ⊕	91
CCE	24	poles + ⊕	100
CNE, CSE, JCNE, JCSE	24	poles + ⊕	101 and 109
CSS	24	poles + ⊕	121
CT, CTE, CTSE *) (16A)	24	poles + ⊕	129 and 133
CMSE, CMCE	10+2(aux)	poles + ⊕	139 and 138
CME	10+2(aux)	poles + ⊕	139
CME	16+2(aux)	poles + ⊕	145
CMCE	16+2(aux)	poles + ⊕	144
CX	4/8	poles + ⊕	155
MIXO	6	modules	156+195

*) only for enclosure CHIW 24

insert centre distance: 104 x 27 mm

housings and cover

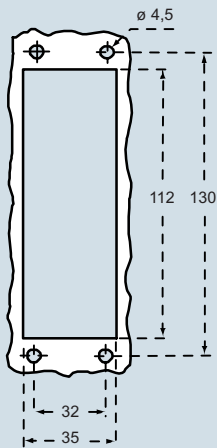


hoods and cover

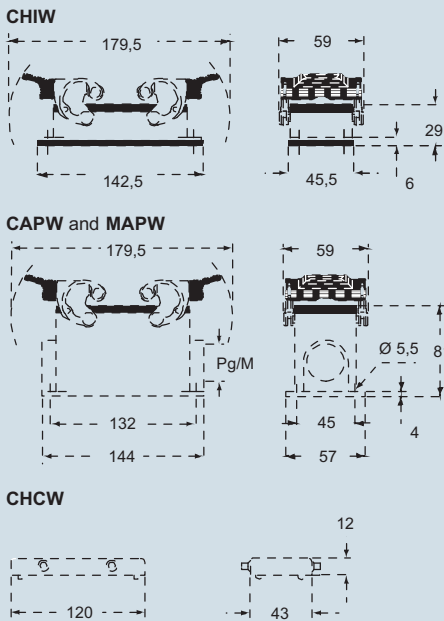


description	part no.		part no.		part no.		part no.	
	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M	entry Pg	entry M
bulkhead mounting housing with levers	—	—	—	—	—	—	—	—
surface mounting housing, with levers, high construction	CHIW 24	—	MAPW 24.32	32				
cover with 4 pegs (for enclosures with 2 levers)	CAPW 24.21	21						
cover with 2 levers (for enclosures with 4 pegs)	CHCW 24							
enclosure with pegs, side entry,					CHOW 24	21	MHOW 24.25	25
enclosure with pegs, side entry,							MHOW 24.32	32
enclosure with pegs, side entry, high construction					CAOW 24.29	29	MAOW 24.32	32
enclosure with pegs, side entry, high construction							MAOW 24.40	40
enclosure with pegs, top entry,					CHVW 24	21	MHVW 24.25	25
enclosure with pegs, top entry,							MHVW 24.32	32
enclosure with pegs, top entry, high construction					CAVW 24.29	29	MAVW 24.32	32
enclosure with pegs, top entry, high construction							MAVW 24.40	40
cover with 2 levers (for enclosures with 4 pegs)					CHCW 24 G			
enclosure with levers and gasket, top entry					CHVW 24 G	21	MHVW 24 G32	32

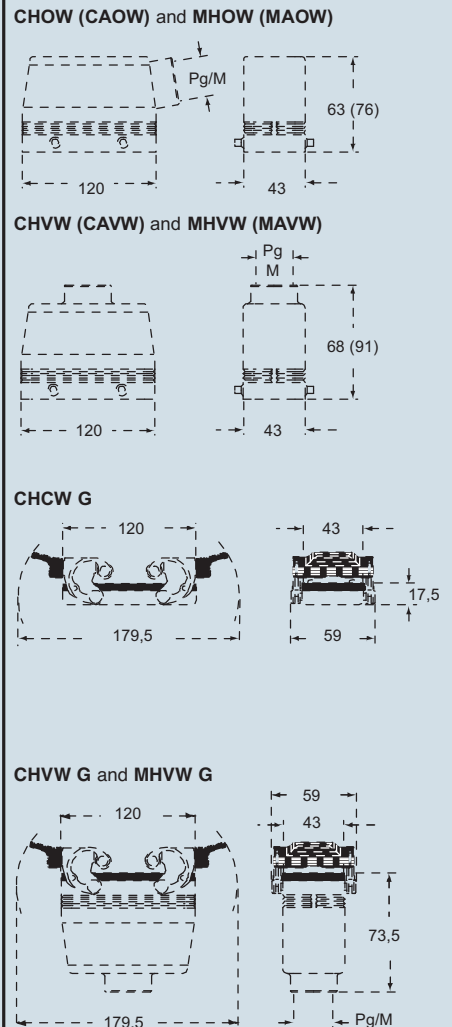
panel cut-out for bulkhead mounting housings in mm



dimensions in mm



dimensions in mm



CAUS Type 4/4X/12



IP69K (compliant with DIN 40050-9)

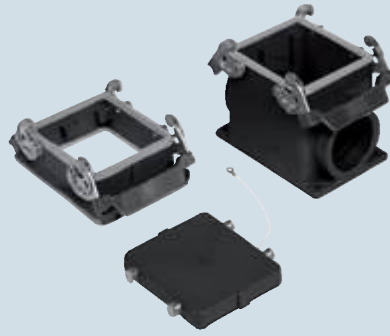
dimensions shown are not binding and may be changed without notice

inserts:

CD	80	poles + ⊕	52
CDD	144	poles + ⊕	65
CQE	64	poles + ⊕	84
CSH	32	poles + ⊕	92
CCE	32	poles + ⊕	102
CNE, CSE, JCNE, JCSE	32	poles + ⊕	103 and 110
CSS	32	poles + ⊕	122
CMSE	12+4(aux)	poles + ⊕	141
CMCE	12+4(aux)	poles + ⊕	140
CME	12+4(aux)	poles + ⊕	141
CP	12	poles + ⊕	150
MIXO	4+4	modules	156+195

insert centre distance:
2 x (77.5 x 27) mm

housings and cover

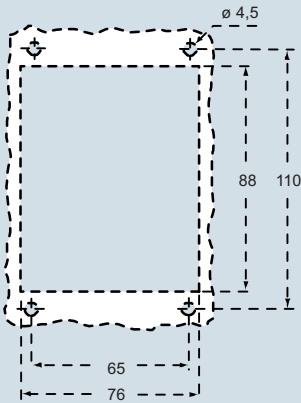


hoods and cover

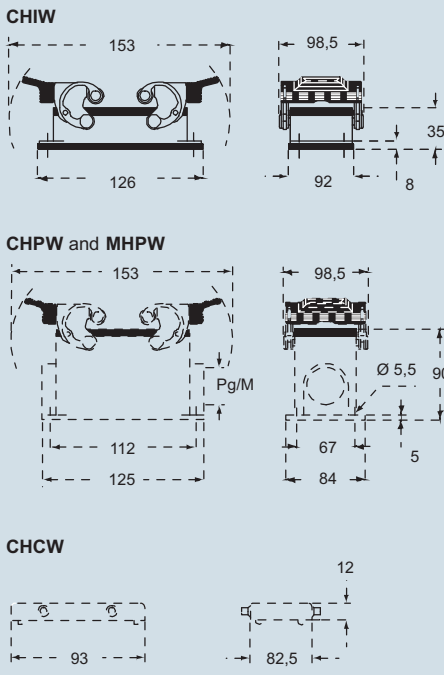


description	part no.		part no.		part no.		part no.	
		entry Pg		entry M		entry Pg		entry M
bulkhead mounting housing with levers	CHIW 32	—						
surface mounting housing, with levers	CHPW 32	36	MHPW 32.50	50				
cover with 4 pegs (for enclosures with 2 levers)	CHCW 32							
enclosure with pegs, side entry,					CHOW 32	36	MHOW 32.40	40
enclosure with pegs, top entry,					CHVW 32	36	MHVW 32.40	40
cover with 2 levers (for enclosures with 4 pegs)					CHCW 32 G			
enclosure with levers and gasket, top entry, high construction					CHVW 32 G	36	MHVW 32 G40	40

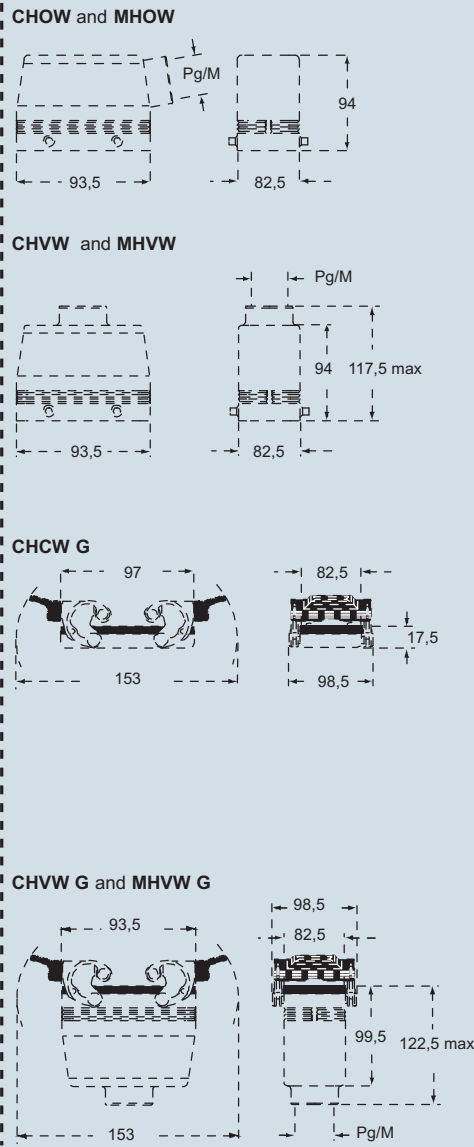
panel cut-out for bulkhead mounting housings in mm



dimensions in mm



dimensions in mm



ILME® Type
4/4X/12



IP69K (compliant with DIN 40050-9)

dimensions shown are not binding
and may be changed without notice

inserts:

CD	128	poles + ⊕	53
CDD	216	poles + ⊕	66
CQE	92	poles + ⊕	85
CSH	48	poles + ⊕	93
CCE	48	poles + ⊕	104
CNE, CSE, JCNE, JCSE	48	poles + ⊕	105 and 111
CSS	48	poles + ⊕	123
CMSE	20+4(aux)	poles + ⊕	143
CMCE	20+4(aux)	poles + ⊕	142
CME	20+4(aux)	poles + ⊕	143
CME	32+4(aux)	poles + ⊕	147
CMCE	32+4(aux)	poles + ⊕	146
MIXO	6+6	modules	156+195

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

bulkhead and surface mounting housings

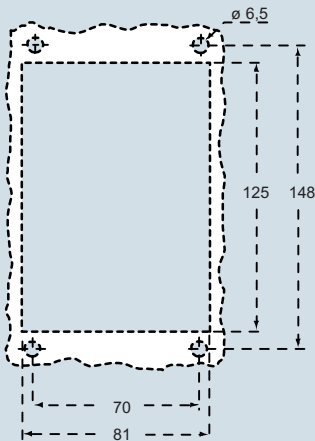


hoods



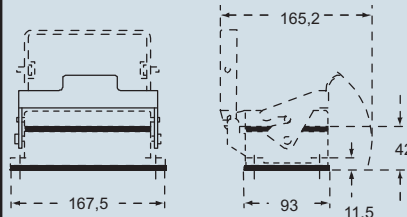
description	part no.	entry Pg	part no.	entry M	part no.	entry Pg	part no.	entry M
bulkhead mounting housings, with lever and cover	CHIW 48 LS	—						
surface mounting housings, with lever and cover	CHPW 48 LS	36 x 1/2	MHPW 48 LS40	40 x 1/2				
side entry, with pegs					CHOW 48 L	36	MHOW 48 L40	40
top entry, with pegs					CHVW 48 L	36	MHVW 48 L40	40

panel cut-out for bulkhead mounting housings in mm

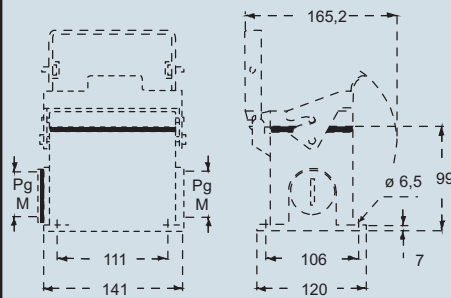


dimensions in mm

CHIW LS

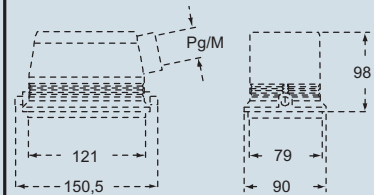


CHPW LS and MHPW LS

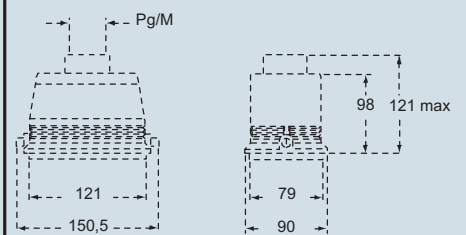


dimensions in mm

CHOW L and MHOW L



CHVW L and MHVW L



CALUS® Type 4/4X/12



IP66K (compliant with DIN 40050-9)

dimensions shown are not binding
and may be changed without notice

W-TYPE - size 104.62