V-TYPE

Extra tough

The performance requirements in **connection protection** are increasingly varied and specialized.

To respond to this wide range of needs, **ILME has developed several original solutions, including the innovative V-TYPE lever**.

This proprietary lever, due to the **vertical closing movement, offers an IP66/IP67/IP69 degree of protection** (according to EN 60529) when fitted with a complete and coupled connector **and used with ILME standard hoods in die cast aluminium moulded (without adapter)**.

The high degree of protection is therefore not dependant on the use of special gaskets or locking devices.

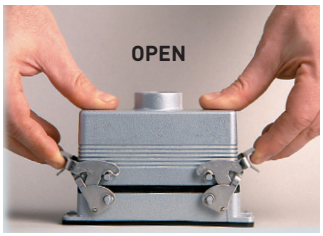
The fixing flanges are the same as those fitted on traditional models.

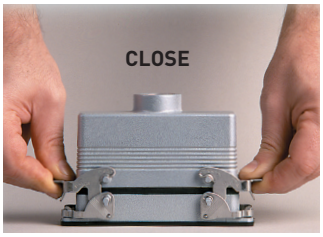
This means it is possible to use the housings **as alternatives to the traditional version without affecting the interchangeability,** or changing dimensions, spaces, flanges or fixing positions.

This lever differs from other commercial ones because of its closing movement principle, consisting of 2 hinged elements that are then pivoted on the housing.

This composite movement enables to move the lever above the pin of the housing that has to be fixed in place with an initial rotatory movement and then press it downwards to engage the locking mechanism.

The tight seal after closure and the simplicity of the movement are key characteristics that **only ILME has managed to combine into a single lever.**





SUM-UP

- **The friction on the pin is almost zero because the lever exerts its pressure vertically, thus significantly reducing wear in case of frequent use**
- **The complete lever is manufactured in stainless steel and is fitted with a catch that prevents it from being accidentally detached**
- **The absence of parts in plastic offers a higher resistance to impacts and in case of contact with oils and aggressive chemical substances or high ambient temperatures**
- **The lever can be used for applications with vibrations because it has no springs and is therefore more rigid**
- **The lever occupies a very small space during the closing phase**
- **It is recommended in cases when the cable weight forces the levers to open, such as vertically installed connectors and the cable is mounted in the bottom**

The interchangeability with equivalent traditional levers with springs and rollers **simplifies the management of stocks, reduces costs and increases flexibility of use.**

Available in bulkhead or surface-mounted versions for sizes 44.27 with a single lever, 57.27, 77.27 and 104.27 with 2 levers. High construction models are available on request.

The item code identifies the series with the **suffix C7 or M7:**

- **C7I** bulkhead mounting housing
- **C7P** surface mounting housing, Pg thread, standard height
- **M7P** surface mounting housing, metric thread, standard height
- **C7AP** surface mounting housing, Pg thread, high
- **M7AP** surface mounting housing, metric thread, high.

V-TYPE, discover the vertical closing

C7 - C7A and M7 - M7A IP67 enclosures V-TYPE lever version

inserts		page:
CDD	24 poles + ⏚	**76**
CDS	9 poles + ⏚	**-**
CDSH	9 poles + ⏚	**86**
CDSH NC	6 poles + ⏚	**95**
CNE	6 poles + ⏚	**110**
CSE	6 poles + ⏚	**-**
CSH	6 poles + ⏚	**110**
CSH S	6 poles + ⏚	**122**
CCE	6 poles + ⏚	**130**
CSS	6 poles + ⏚	**148**
CT, CTSE (16A) ***)**	6 poles + ⏚	**160**
CQE	10 poles + ⏚	**168**
MIXO	2 modules	**262 - 317**

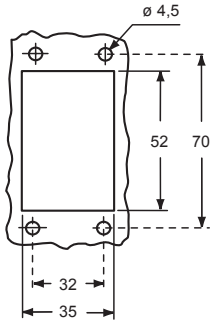
***)** can be used only in bulkhead mounting housings

bulkhead mounting housings with stainless steel single lever

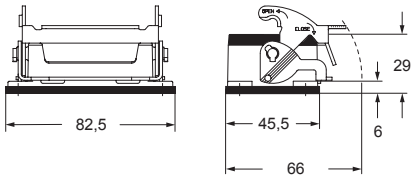
surface mounting housings with stainless steel single lever

description	part No.	part No.	entry Pg	part No.	entry M
with lever and gasket, size “44.27”	**C7I 06 L**				
with lever, size “44.27”		**C7P 06 L**	16	**M7P 06 L20**	20
with lever, size “44.27”		**C7P 06 L2**	16 x 2	**M7P 06 L220**	20 x 2
with lever, high construction, size “44.27”		**C7AP 06 L**	21	**M7AP 06 L32**	32
with lever, high construction, size “44.27”		**C7AP 06 L2**	21 x 2	**M7AP 06 L232**	32 x 2
with lever, high construction, size “44.27”		**C7AP 06 L29**	29	**M7AP 06 L40**	40
with lever, high construction, size “44.27”		**C7AP 06 L229**	29 x 2	**M7AP 06 L240**	40 x 2

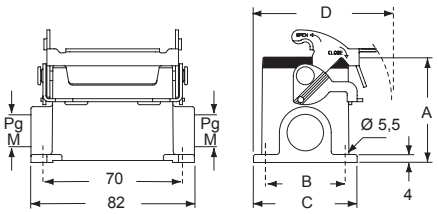
panel cut-out for bulkhead mounting housings



C7I L



C7P L - C7AP L and **M7P L - M7AP L**



The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/ spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

type	A	B	C	D
C7P/M7P 06 L	53	40	52	70
C7AP/M7AP 06 L	74	45	57	72,5

Hoods (page 389)

Hoods (pages 466-467)

Type 4/4X/12

IP65 insulating cable gland or fittings without gasket

IP66 IP67 IP69 cable gland with O-Ring gasket

V-TYPE IP67

C7 and M7 - M7A IP67 enclosures V-TYPE lever version

inserts		page:
CDD	24 poles + ⏚	**76**
CDS	9 poles + ⏚	**-**
CDSH	9 poles + ⏚	**86**
CDSH NC	6 poles + ⏚	**95**
CNE	6 poles + ⏚	**110**
CSE	6 poles + ⏚	**-**
CSH	6 poles + ⏚	**110**
CSH S	6 poles + ⏚	**122**
CCE	6 poles + ⏚	**130**
CSS	6 poles + ⏚	**148**
CT, CTSE (16A) *)	6 poles + ⏚	**160**
CQE	10 poles + ⏚	**168**
MIXO	2 modules	**262 - 317**

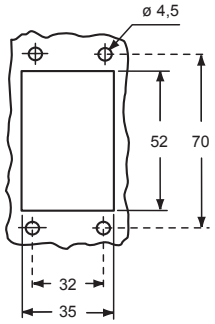
*) can be used only in bulkhead mounting housings

bulkhead mounting housings with stainless steel single lever and metal cover

surface mounting housings with stainless steel single lever and metal cover

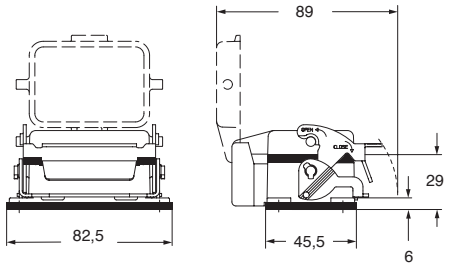
description	part No.	part No.	entry M
with lever, cover and gasket, size “44.27”	**C7I 06 LS**		
with lever and cover, size “44.27”		**M7P 06 LS20**	20
with lever and cover, size “44.27”		**M7P 06 LS220**	20 x 2
with lever and cover, high construction, size “44.27”		**M7AP 06 LS32**	32
with lever and cover, high construction, size “44.27”		**M7AP 06LS232**	32 x 2
with lever and cover, high construction, size “44.27”		**M7AP 06 LS40**	40
with lever and cover, high construction, size “44.27”		**M7AP 06LS240**	40 x 2

panel cut-out for bulkhead mounting housings



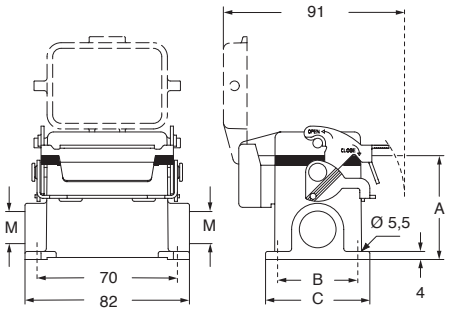
The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

C7I LS



For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/ spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

M7P LS - M7AP LS



type	A	B	C
M7P 06 LS	53	40	52
M7AP 06 LS	74	45	57

Hoods (page 389)

Hoods (pages 466-467)

Type 4/4X/12

insulating cable gland or fittings without gasket

cable gland with O-Ring gasket

C7 - C7A and M7 - M7A IP67 enclosures V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CT, CTSE (16A) ***)**	10 poles + ⏚	**161**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

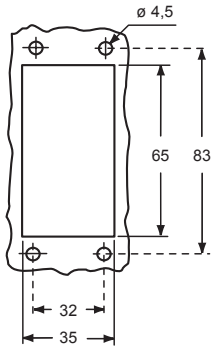
***)** can be used only in bulkhead mounting housings

bulkhead mounting housings with 2 levers in stainless steel

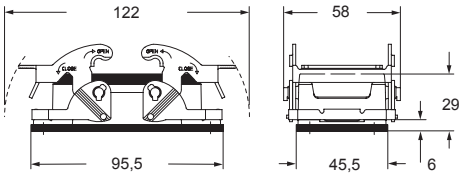
surface mounting housings with 2 levers in stainless steel

description	part No.	part No.	entry Pg	part No.	entry M
with levers and gasket, size “57.27”	**C7I 10**				
with levers, size “57.27”		**C7P 10**	16	**M7P 10.20**	20
with levers, size “57.27”		**C7P 10.2**	16 x 2	**M7P 10.220**	20 x 2
with levers, high construction, size “57.27”		**C7AP 10.21**	21	**M7AP 10.32**	32
with levers, high construction, size “57.27”		**C7AP 10.221**	21 x 2	**M7AP 10.232**	32 x 2
with levers, high construction, size “57.27”		**C7AP 10.29**	29	**M7AP 10.40**	40
with levers, high construction, size “57.27”		**C7AP 10.229**	29 x 2	**M7AP 10.240**	40 x 2

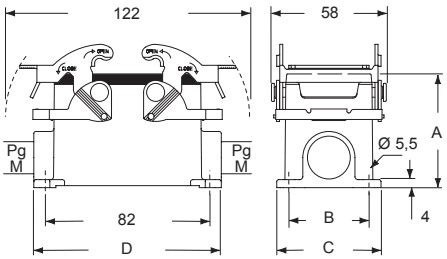
panel cut-out for bulkhead mounting housings



C7I



C7P - C7AP and **M7P - M7AP**



The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/ spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

type	A	B	C	D
C7P/M7P 10	57	40	52	93,5
C7AP/M7AP 10	74	45	57	94

Hoods (page 395)

Hoods (pages 468-469)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529 insulating cable gland or fittings without gasket

EN 60529 IP66 IP67 IP69 IEC 60529 cable gland with O-Ring gasket

V-TYPE IP67

C7 - C7A and M7 - M7A IP67 enclosures V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CT, CTS (10A) ***)**	40 poles + ⏚	**156**
CT, CTSE (16A) ***)**	16 poles + ⏚	**162**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

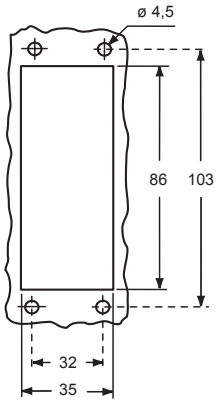
*) can be used only in bulkhead mounting housings

bulkhead mounting housings with 2 levers in stainless steel

surface mounting housings with 2 levers in stainless steel

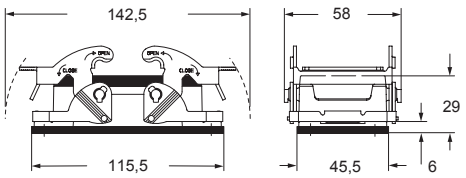
description	part No.	part No.	entry Pg	part No.	entry M
with levers and gasket, size “77.27”	**C7I 16**				
with levers, size ”77.27“		**C7P 16**	21	**M7P 16.25**	25
with levers, size ”77.27“		**C7P 16.2**	21 x 2	**M7P 16.225**	25 x 2
with levers, high construction, size ”77.27“		**C7AP 16.21**	21	**M7AP 16.32**	32
with levers, high construction, size ”77.27“		**C7AP 16.221**	21 x 2	**M7AP 16.232**	32 x 2
with levers, high construction, size ”77.27“		**C7AP 16.29**	29	**M7AP 16.40**	40
with levers, high construction, size ”77.27“		**C7AP 16.229**	29 x 2	**M7AP 16.240**	40 x 2

panel cut-out for bulkhead mounting housings



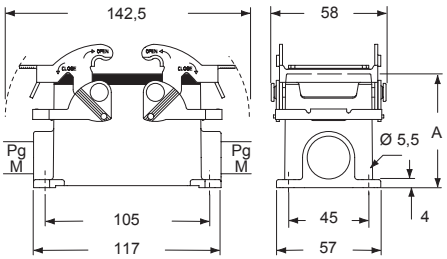
The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

C7I



For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

C7P - C7AP and **M7P - M7AP**



type	A
C7P/M7P 16	63
C7AP/M7AP 16	81

Hoods (page 404)

Hoods (pages 470-471)

Type 4/4X/12

IP65 — insulating cable gland or fittings without gasket

IP66 IP67 IP69 — cable gland with O-Ring gasket

C7 and M7A IP67 enclosures V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CT, CTS (10A) ***)**	40 poles + ⏚	**156**
CT, CTSE (16A) ***)**	16 poles + ⏚	**162**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

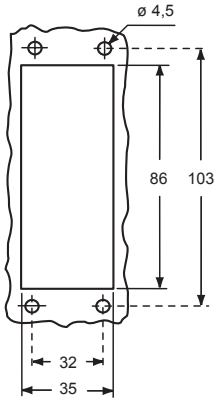
***)** can be used only in bulkhead mounting housings

bulkhead mounting housings with 2 levers in stainless steel and metal cover

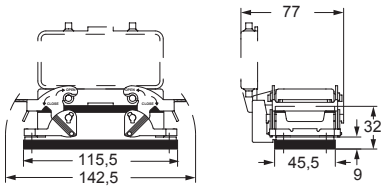
surface mounting housings with 2 levers in stainless steel and metal cover

description	part No.	part No.	entry M
with levers, cover and gasket, size “77.27”	**C7I 16 S**		
with levers and cover, high construction, size “77.27”		**M7AP 16 S32**	32
with levers and cover, high construction, size “77.27”		**M7AP 16 S232**	32 x 2

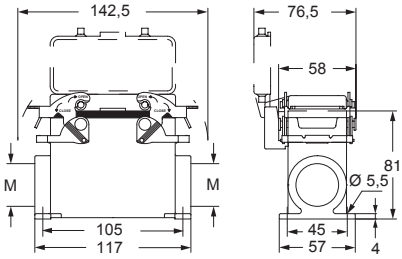
panel cut-out for bulkhead mounting housings



C7I S



M7AP S



The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

Hoods (page 404)

Hoods (pages 470-471)

cULus Type 4/4X/12

IP65 insulating cable gland or fittings without gasket

IP66 IP67 IP69 cable gland with O-Ring gasket

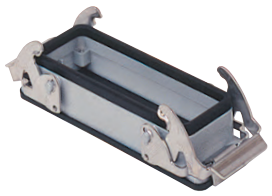
V-TYPE IP67

C7 - C7A and M7 - M7A IP67 enclosures V-TYPE lever version

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CT, CTS (10A) ***)	64 poles + ⏚	**157**
CT, CTSE (16A) ***)	24 poles + ⏚	**163**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

*) can be used only in bulkhead mounting housings

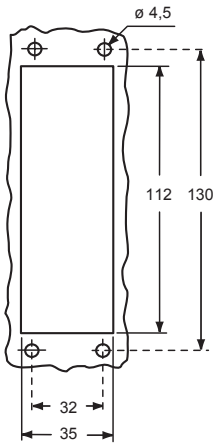
bulkhead mounting housings with 2 levers in stainless steel



surface mounting housings with 2 levers in stainless steel

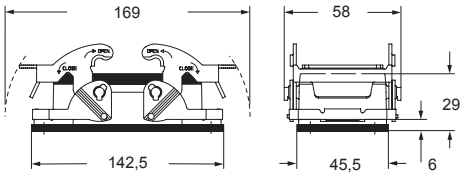
description	part No.	part No.	entry Pg	part No.	entry M
with levers and gasket, size ”104.27”	**C7I 24**				
with levers, size ”104.27”		**C7P 24**	21	**M7P 24.25**	25
with levers, size ”104.27”		**C7P 24.2**	21 x 2	**M7P 24.225**	25 x 2
with levers, high construction, size ”104.27”		**C7AP 24.21**	21	**M7AP 24.32**	32
with levers, high construction, size ”104.27”		**C7AP 24.221**	21 x 2	**M7AP 24.232**	32 x 2
with levers, high construction, size ”104.27”		**C7AP 24.29**	29	**M7AP 24.40**	40
with levers, high construction, size ”104.27”		**C7AP 24.229**	29 x 2	**M7AP 24.240**	40 x 2

panel cut-out for bulkhead mounting housings



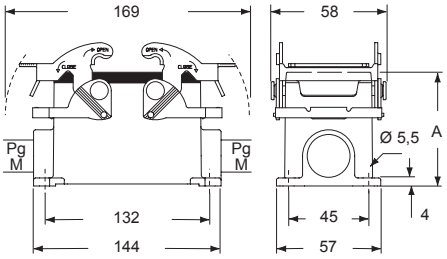
The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

C7I



For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/ spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

C7P - C7AP and **M7P - M7AP**



type	A
C7P/M7P 24	63
C7AP/M7AP 24	81

Hoods (page 414)

Hoods (pages 472-473)

Type 4/4X/12

IP65 — insulating cable gland or fittings without gasket

IP66 IP67 IP69 — cable gland with O-Ring gasket

C7 and M7A IP67 enclosures V-TYPE lever version

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CT, CTS (10A) ***)	64 poles + ⏚	**157**
CT, CTSE (16A) ***)	24 poles + ⏚	**163**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

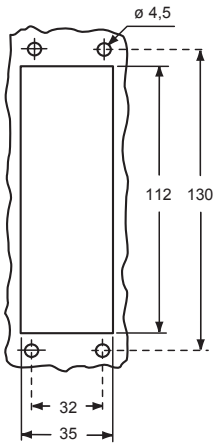
***)** can be used only in bulkhead mounting housings

bulkhead mounting housings with 2 levers in stainless steel and metal cover

surface mounting housings with 2 levers in stainless steel and metal cover

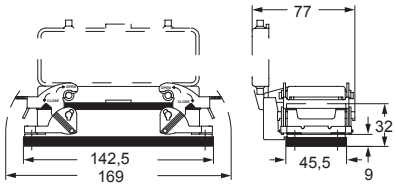
description	part No.	part No.	entry M
with levers, cover and gasket, size ”104.27”	**C7I 24 S**		
with levers and cover, high construction, size ”104.27”		**M7AP 24 S32**	32
with levers and cover, high construction, size ”104.27”		**M7AP 24 S232**	32 x 2

panel cut-out for bulkhead mounting housings



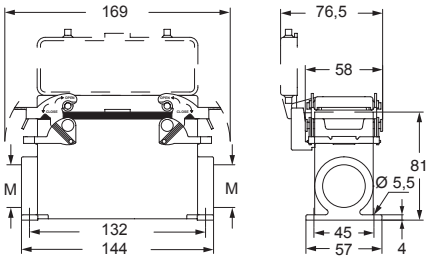
The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

C7I S



For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the complete connector). In case of insufficient rigidity use of C7.. FL counterflanges (page 443) is recommended, in which case use suitable length M4 screws and M4 (on the enclosure) and M4 (on the counterflange) flat/ spring washers with M4 locknut.
In addition, the panel surface in contact with the counterflange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

M7AP S



Hoods (page 414)

Hoods (page 472 - 473)

Type 4/4X/12

insulating cable gland or fittings without gasket

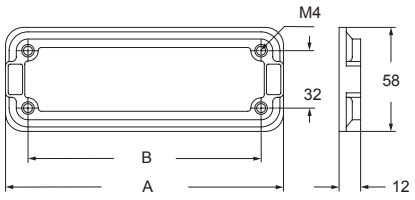
cable gland with O-Ring gasket

V-TYPE IP67

counterflanges
for bulkhead mounting housings

description	part No.
size ”44.27”	**C7 06 FL**
size ”57.27”	**C7 10 FL**
size ”77.27”	**C7 16 FL**
size ”104.27”	**C7 24 FL**

C7..FL



type	A	B
C7 06 FL	95	70
C7 10 FL	108	83
C7 16 FL	128	103
C7 24 FL	155	130

CV V-TYPE lever version

inserts		page:
CDD	24 poles + ⏚	**76**
CDS	9 poles + ⏚	**-**
CDSH	9 poles + ⏚	**86**
CDSH NC	6 poles + ⏚	**95**
CNE	6 poles + ⏚	**110**
CSE	6 poles + ⏚	**-**
CSH	6 poles + ⏚	**110**
CSH S	6 poles + ⏚	**122**
CCE	6 poles + ⏚	**130**
CSS	6 poles + ⏚	**148**
CT, CTSE (16A) ***)**	6 poles + ⏚	**160**
CQE	10 poles + ⏚	**168**
MIXO	2 modules	**262 - 317**

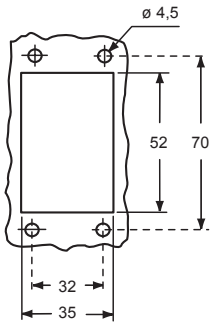
***)** can be used only in bulkhead mounting housings

bulkhead mounting housings with stainless steel single lever

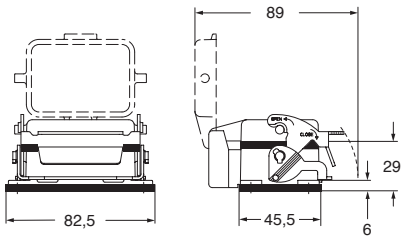
description	part No.
with lever, gasket and cover in aluminium, size “44.27”	**CVI 06 LS**
with lever, gasket and cover in plastic, size “44.27”	**CVI 06 LP**

The enclosures ensure IP66 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

panel cut-out for bulkhead mounting housings



CVI LS/LP



Hoods (from page 389)

Type 4/4X/12

(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

CV - CVA and MV - MVA V-TYPE lever SIMPLEX self-closing covers

inserts		page:
CDD	24 poles + ⏚	**76**
CDS	9 poles + ⏚	**-**
CDSH	9 poles + ⏚	**86**
CDSH NC	6 poles + ⏚	**95**
CNE	6 poles + ⏚	**110**
CSE	6 poles + ⏚	**-**
CSH	6 poles + ⏚	**110**
CSH S	6 poles + ⏚	**122**
CCE	6 poles + ⏚	**130**
CSS	6 poles + ⏚	**148**
CT, CTSE (16A) *)	6 poles + ⏚	**160**
CQE	10 poles + ⏚	**168**
MIXO	2 modules	**262 - 317**

*) can be used only in bulkhead mounting housings

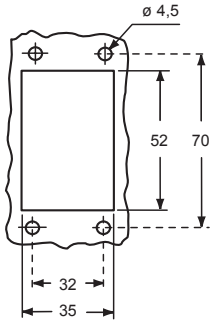
bulkhead mounting housings with stainless steel single lever

surface mounting housings with stainless steel single lever

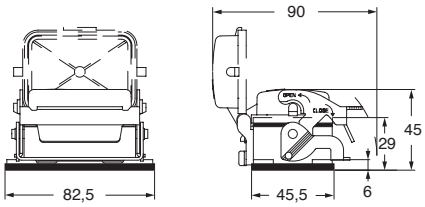
description	part No.	part No.	entry Pg	part No.	entry M
with lever, gasket and cover in plastic	**CVI 06 LSP**				
with lever and cover		**CVP 06 LSP16**	16	**MVP 06 LSP20**	20
with lever and cover, high construction		**CVAP 06LSP21**	21	**MVAP 06LSP25**	25
with lever and cover, high construction		**CVAP 06LSP29**	29	**MVAP 06LSP32**	32
with lever and cover, high construction				**MVAP 06LSP40**	40

The enclosures ensure IP65 degree of protection when mated and locked with the closing lever, or IP44 degree of protection when not mated and locked with lever.

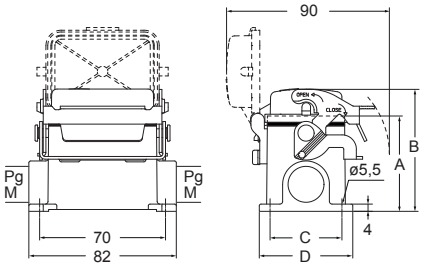
panel cut-out for bulkhead mounting housings



CVI LSP



CVP - CVAP LSP and **MVP - MVAP LSP**



type	A	B	C	D
CVP / MVP 6 LSP	53	68	40	52
CVAP / MVAP 6 LSP	74	89	45	57

Hoods (from page 389)

cULus Type 4/4X/12

EN 60529 IP65 IEC 60529

cULus Type 4/4X/12 pending

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CDD	24 poles + ⏚	76
CDS	9 poles + ⏚	-
CDSH	9 poles + ⏚	86
CDSH NC	6 poles + ⏚	95
CNE	6 poles + ⏚	110
CSE	6 poles + ⏚	-
CSH	6 poles + ⏚	110
CSH S	6 poles + ⏚	122
CCE	6 poles + ⏚	130
CSS	6 poles + ⏚	148
CQE	10 poles + ⏚	168
MIXO	2 modules	262 - 317

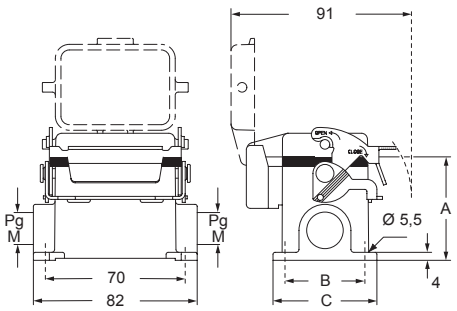
surface mounting housings with stainless steel single lever and plastic cover

surface mounting housings with stainless steel single lever and aluminium cover

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever and cover, size “44.27”	**CVP 06 LP**	16	**MVP 06 LP20**	20	**CVP 06 LS**	16	**MVP 06 LS20**	20
with lever and cover, size “44.27”	**CVP 06 LP2**	16 x 2	**MVP 06 LP220**	20 x 2	**CVP 06 LS2**	16 x 2	**MVP 06 LS220**	20 x 2
with lever and cover, high construction, size “44.27”	**CVAP 06 LP**	21	**MVAP 06 LP32**	32	**CVAP 06 LS**	21	**MVAP 06 LS32**	32
with lever and cover, high construction, size “44.27”	**CVAP 06 LP2**	21 x 2	**MVAP 06LP232**	32 x 2	**CVAP 06 LS2**	21 x 2	**MVAP 06LS232**	32 x 2
with lever and cover, high construction, size “44.27”	**CVAP 06 LP29**	29	**MVAP 06 LP40**	40	**CVAP 06 LS29**	29	**MVAP 06 LS40**	40
with lever and cover, high construction, size “44.27”	**CVAP 06LP229**	29 x 2	**MVAP 06LP240**	40 x 2	**CVAP 06LS229**	29 x 2	**MVAP 06LS240**	40 x 2

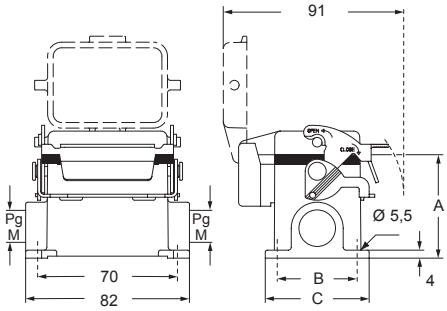
The enclosures ensure IP66 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

CVP LP - CVAP LP and **MVP LP - MVAP LP**



type	A	B	C
CVP/MVP 06 LP	53	40	52
CVAP/MVAP 06 LP	74	45	57

CVP LS - CVAP LS and **MVP LS - MVAP LS**



type	A	B	C
CVP/MVP 06 LS	53	40	52
CVAP/MVAP 06 LS	74	45	57

Hoods
(from page 389)

Type 4/4X/12
(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV - CVA - CVF and MV - MVA - MVF V-TYPE lever version

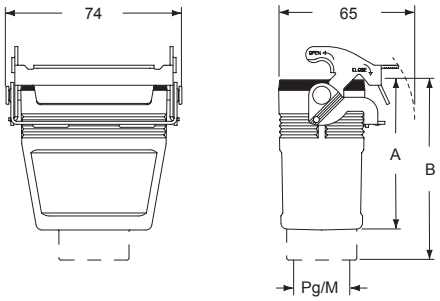
inserts		page:
CDD	24 poles + ⏚	**76**
CDS	9 poles + ⏚	**-**
CDSH	9 poles + ⏚	**86**
CDSH NC	6 poles + ⏚	**95**
CNE	6 poles + ⏚	**110**
CSE	6 poles + ⏚	**-**
CSH	6 poles + ⏚	**110**
CSH S	6 poles + ⏚	**122**
CCE	6 poles + ⏚	**130**
CSS	6 poles + ⏚	**148**
CQE	10 poles + ⏚	**168**
MIXO	2 modules	**262 - 317**

hoods, top entry
with gasket and stainless steel single lever

description	part No.	entry Pg	part No	entry M
with lever, size “44.27”	**CVV 06 LG**	16	**MVV 06 LG25**	25
with lever, high construction, size “44.27”	**CVAV 06 LG21**	21	**MVAV 06 LG25**	25
with lever, high construction, size “44.27”	**CVAV 06 LG29**	29	**MVAV 06 LG32**	32
with lever, high construction, without adapter, size “44.27” [1]	**CVFV 06 LG21**	21	**MVFV 06 LG25**	25
with lever, high construction, without adapter, size “44.27” [1]	**CVFV 06 LG29**	29	**MVFV 06 LG32**	32

[1] enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

CVV LG - CVAV LG - CVFV LG and
MVV LG - MVAV LG - MVFV LG



type	A	B
CVV/MVV 06 LG	45,5	58,5
CVAV/MVAV 06 LG	77	93
CVFV/MVFV 06 LG	77	-

Hoods
(from page 389)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529 insulating cable gland or fittings without gasket

EN 60529 IP66 IP69 IEC 60529 cable gland with O-Ring gasket

CV V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CT, CTSE (16A) ***)**	10 poles + ⏚	**161**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

***)** can be used only in bulkhead mounting housings

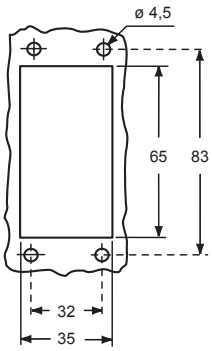
bulkhead mounting housings with single lever in stainless steel

bulkhead mounting housings with single lever in stainless steel

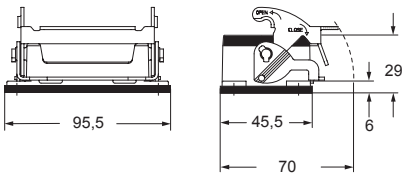
description	part No.	part No.
with lever and gasket, size “57.27”	**CVI 10 L**	
with lever, gasket and cover in aluminium, size “57.27”		**CVI 10 LS**
with lever, gasket and cover in plastic, size “57.27”		**CVI 10 LP**

The enclosures ensure IP66/IP69 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

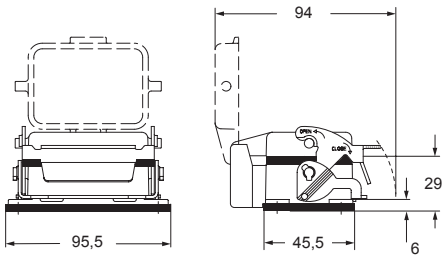
panel cut-out for bulkhead mounting housings



CVI L



CVI LS/LP



Hoods (from page 395)

Type 4/4X/12

EN 60529 IP66 IP69 IEC 60529

Type 4/4X/12

(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV - CVA and MV - MVA V-TYPE lever SIMPLEX self-closing covers

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CT, CTSE (16A) *)	10 poles + ⏚	**161**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

*) can be used only in bulkhead mounting housings

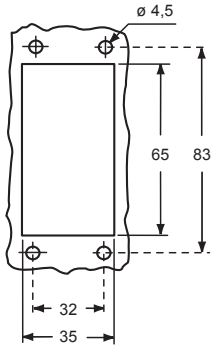
bulkhead mounting housings with stainless steel single lever

surface mounting housings with stainless steel single lever

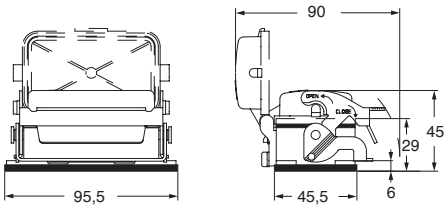
description	part No.	part No.	entry Pg	part No.	entry M
with lever, gasket and cover in plastic	**CVI 10 LSP**				
with lever and cover		**CVP 10 LSP16**	16	**MVP 10 LSP20**	20
with lever and cover				**MVP 10 LSP25**	25
with lever and cover, high construction		**CVAP 10LSP21**	21	**MVAP 10LSP25**	25
with lever and cover, high construction		**CVAP 10LSP29**	29	**MVAP 10LSP32**	32
with lever and cover, high construction				**MVAP 10LSP40**	40

The enclosures ensure IP65 degree of protection when mated and locked with the closing lever, or IP44 protection when not mated and locked with lever, thanks to the SIMPLEX self-closing cover.

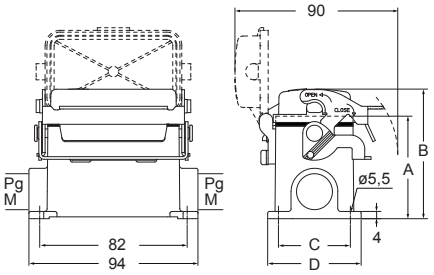
panel cut-out for bulkhead mounting housings



CVI LSP



CVP - CVAP LSP and **MVP - MVAP LSP**



type	A	B	C	D
CVP / MVP 10 LSP	57	72	40	52
CVAP / MVAP 10 LSP	74	89	45	57

Hoods (from page 395)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529

c UL us Type 4/4X/12 pending

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV and MV V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

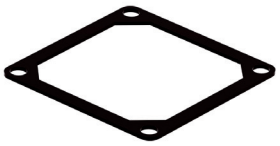
angled bulkhead mounting housings with stainless steel single lever

angled bulkhead mounting housings with stainless steel single lever

description	part No.	part No.	entry M
with lever, without cable gland entry [1) 3)]	**CVI 10 LA**		
with lever, with cable gland entry, closed bulkhead [2)]		**MVI 10 LAP32**	32

[1)] Flange gasket to be purchased separately. part No.: **CR 10 MO.**

CR 10 MO gasket



Following flange versions available on request: 73 x 73, 78 x 78, 80 x 80, 98 x 98 mm

[2)] Be used only with a complete cable gland (to be purchased separately). Versions with M 25 or Pg 21 entry on request.

[3)] Kit with earthing contact, comprising a special screw and wire-terminals for 6 mm² earthing conductors (for the additional connection of the upper enclosure half) part No.: **CR MOT**.

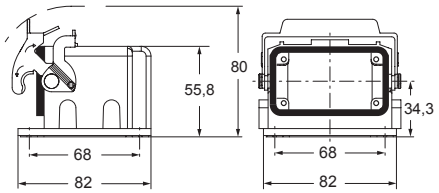
CR MOT kit

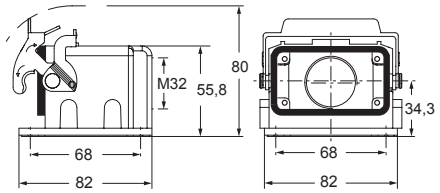
The enclosures ensure IP65 degree of protection when mated and locked with the closing lever.

Hoods (from page 395)

Type 4/4X/12

EN 60529 IP66 IP69 IEC 60529





V-TYPE IP65/IP66

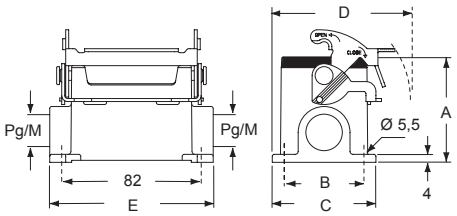
CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

surface mounting housings with single lever in stainless steel

description	part No.	entry Pg	part No	entry M
with lever, size “57.27”	**CVP 10 L**	16	**MVP 10 L20**	20
with lever, size “57.27”	**CVP 10 L2**	16 x 2	**MVP 10 L220**	20 x 2
with lever, high construction, size “57.27”	**CVAP 10 L**	21	**MVAP 10 L32**	32
with lever, high construction, size “57.27”	**CVAP 10 L2**	21 x 2	**MVAP 10 L232**	32 x 2
with lever, high construction, size “57.27”	**CVAP 10 L29**	29	**MVAP 10 L40**	40
with lever, high construction, size “57.27”	**CVAP 10 L229**	29 x 2	**MVAP 10 L240**	40 x 2

CVP L - CVAP L and **MVP L - MVAP L**



type	A	B	C	D	E
CVP/MVP 10 L	57	40	52	73	93,5
CVAP/MVAP 10 L	74	45	57	75,5	94

Hoods (from page 395)

Type 4/4X/12

insulating cable gland or fittings without gasket

cable gland with O-Ring gasket

CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

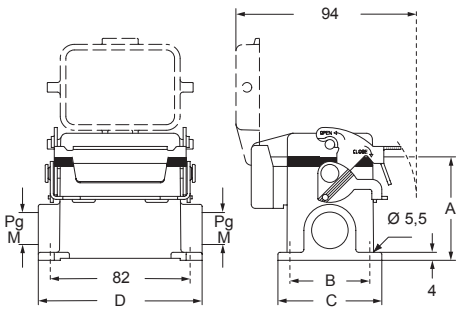
surface mounting housings with stainless steel single lever and plastic cover

surface mounting housings with stainless steel single lever and aluminium cover

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever and cover, size “57.27”	**CVP 10 LP**	16	**MVP 10 LP20**	20	**CVP 10 LS**	16	**MVP 10 LS20**	20
with lever and cover, size “57.27”	**CVP 10 LP2**	16 x 2	**MVP 10 LP220**	20 x 2	**CVP 10 LS2**	16 x 2	**MVP 10 LS220**	20 x 2
with lever and cover, high construction, size “57.27”	**CVAP 10 LP**	21	**MVAP 10 LP32**	32	**CVAP 10 LS**	21	**MVAP 10 LS32**	32
with lever and cover, high construction, size “57.27”	**CVAP 10 LP2**	21 x 2	**MVAP 10LP232**	32 x 2	**CVAP 10 LS2**	21 x 2	**MVAP 10LS232**	32 x 2
with lever and cover, high construction, size “57.27”	**CVAP 10 LP29**	29	**MVAP 10 LP40**	40	**CVAP 10 LS29**	29	**MVAP 10 LS40**	40
with lever and cover, high construction, size “57.27”	**CVAP 10LP229**	29 x 2	**MVAP 10LP240**	40 x 2	**CVAP 10LS229**	29 x 2	**MVAP 10LS240**	40 x 2

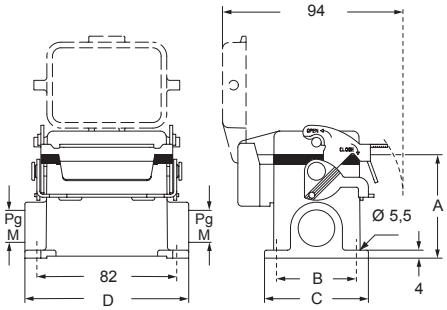
The enclosures ensure IP66 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

CVP LP - CVAP LP and **MVP LP - MVAP LP**



type	A	B	C	D
CVP/MVP 10 LP	57	40	52	93,5
CVAP/MVAP 10 LP	74	45	57	94

CVP LS - CVAP LS and **MVP LS - MVAP LS**



type	A	B	C	D
CVP/MVP 10 LS	57	40	52	93,5
CVAP/MVAP 10 LS	74	45	57	94

Hoods (from page 395)

cULus Type 4/4X/12

(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

CV - CVA - CVF and MV - MVA - MVF V-TYPE lever version

inserts		page:
CDD	42 poles + ⏚	**78**
CDS	18 poles + ⏚	**-**
CDSH	18 poles + ⏚	**87**
CNE	10 poles + ⏚	**111**
CSE	10 poles + ⏚	**-**
CSH	10 poles + ⏚	**111**
CSH S	10 poles + ⏚	**123**
CCE	10 poles + ⏚	**131**
CMSH	3+2 (aux) poles + ⏚	**136**
CMCE	3+2 (aux) poles + ⏚	**137**
CSS	10 poles + ⏚	**149**
CQE	18 poles + ⏚	**169**
CX	8/24 poles + ⏚	**194**
MIXO	3 modules	**262 - 317**

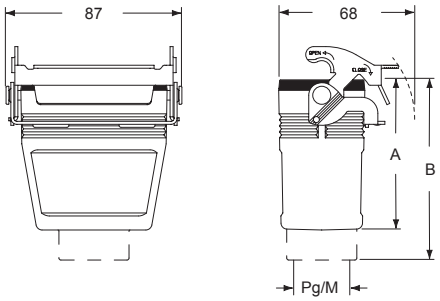
hoods, top entry,
with gasket and stainless steel single lever

hoods, top entry,
with gasket and 2 levers in stainless steel

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever/s, size “57.27”	**CVV 10 LG**	16	**MVV 10 LG25**	25	**CVV 10 G**	16	**MVV 10 G25**	25
with lever/s, high construction, size “57.27”	**CVAV 10 LG21**	21	**MVAV 10 LG25**	25	**CVAV 10 G21**	21	**MVAV 10 G25**	25
with lever/s, high construction, size “57.27”	**CVAV 10 LG29**	29	**MVAV 10 LG32**	32	**CVAV 10 G29**	29	**MVAV 10 G32**	32
with lever/s, high construction, without adapter, size “57.27” [1]	**CVFV 10 LG21**	21	**MVFV 10 LG25**	25	**CVFV 10 G21**	21	**MVFV 10 G25**	25
with lever/s, high construction, without adapter, size “57.27” [1]	**CVFV 10 LG29**	29	**MVFV 10 LG32**	32	**CVFV 10 G29**	29	**MVFV 10 G32**	32

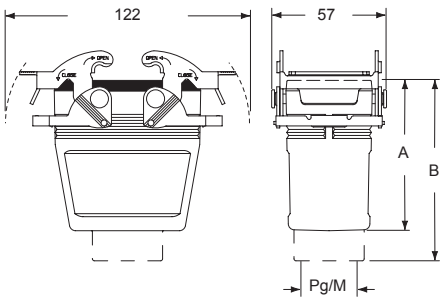
[1] enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

CVV LG - CVAV LG - CVFV LG and
MVV LG - MVAV LG - MVFV LG



type	A	B
CVV/MVV 10 LG	50,5	63,5
CVAV/MVAV 10 LG	75	91
CVFV/MVFV 10 LG	75	-

CVV G - CVAV G - CVFV G and
MVV G - MVAV G - MVFV G



type	A	B
CVV/MVV 10 G	50,5	63,5
CVAV/MVAV 10 G	75	91
CVFV/MVFV 10 G	75	-

Hoods
(from page 395)

Type 4/4X/12

EN 60529 IP65 IEC 60529 — insulating cable gland or fittings without gasket

EN 60529 IP66 IP69 IEC 60529 — cable gland with O-Ring gasket

CV V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CT, CTS (10A) ***)	40 poles + ⏚	**156**
CT, CTSE (16A) ***)	16 poles + ⏚	**162**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

***)** can be used only in bulkhead mounting housings

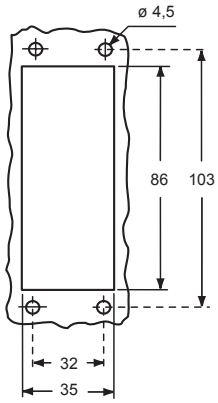
bulkhead mounting housings with single lever in stainless steel

bulkhead mounting housings with single lever in stainless steel

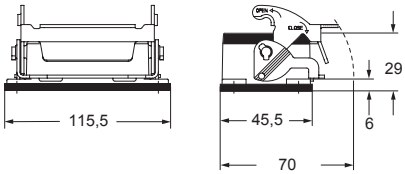
description	part No.	part No.
with lever and gasket, size “77.27”	**CVI 16 L**	
with lever, gasket and cover in aluminium, size “77.27”		**CVI 16 LS**
with lever, gasket and cover in plastic, size “77.27”		**CVI 16 LP**

The enclosures ensure IP66/IP69 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

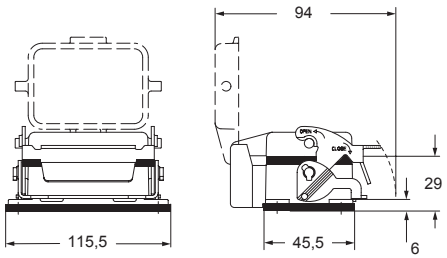
panel cut-out for bulkhead mounting housings



CVI L



CVI LS/LP



Hoods
(from page 404)

Type 4/4X/12

IP66 IP69

Type 4/4X/12

(except enclosures with plastic cover)

IP65

CV - CVA and MV - MVA V-TYPE lever SIMPLEX self-closing covers

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CT, CTS (10A) ***)**	40 poles + ⏚	**156**
CT, CTSE (16A) ***)**	16 poles + ⏚	**162**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

***)** can be used only in bulkhead mounting housings

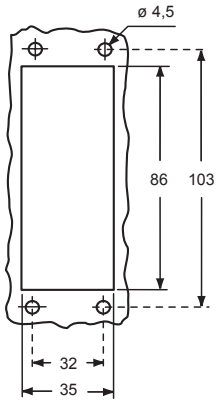
bulkhead mounting housings with stainless steel single lever

surface mounting housings with stainless steel single lever

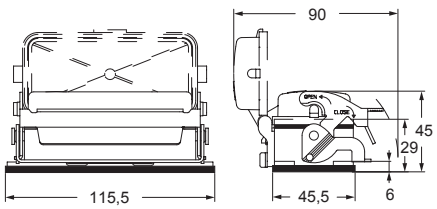
description	part No.	part No.	entry Pg	part No.	entry M
with lever, gasket and cover in plastic	**CVI 16 LSP**				
with lever and cover		**CVP 16 LSP21**	21	**MVP 16 LSP25**	25
with lever and cover, high construction		**CVAP 16LSP21**	21	**MVAP 16LSP25**	25
with lever and cover, high construction		**CVAP 16LSP29**	29	**MVAP 16LSP32**	32
with lever and cover, high construction				**MVAP 16LSP40**	40

The enclosures ensure IP65 degree of protection when mated and locked with the closing lever, or IP44 protection when not mated and locked with lever, thanks to the SIMPLEX self-closing cover.

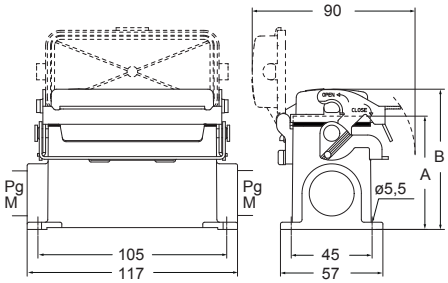
panel cut-out for bulkhead mounting housings



CVI LSP



CVP - CVAP LSP and **MVP - MVAP LSP**



part No.	A	B
CVP / MVP 16 LSP	63	78
CVAP / MVAP 16 LSP	81	96

Hoods (from page 404)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529

c UL us Type 4/4X/12 pending

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

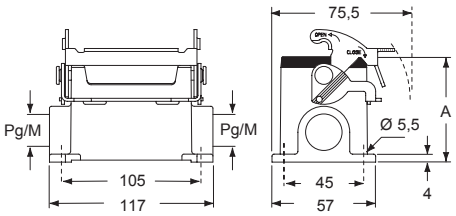
CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

surface mounting housings with single lever in stainless steel

description	part No.	entry Pg	part No	entry M
with lever, size “77.27”	**CVP 16 L**	21	**MVP 16 L25**	25
with lever, size “77.27”	**CVP 16 L2**	21 x 2	**MVP 16 L225**	25 x 2
with lever, high construction, size “77.27”	**CVAP 16 L**	21	**MVAP 16 L32**	32
with lever, high construction, size “77.27”	**CVAP 16 L2**	21 x 2	**MVAP 16 L232**	32 x 2
with lever, high construction, size “77.27”	**CVAP 16 L29**	29	**MVAP 16 L40**	40
with lever, high construction, size “77.27”	**CVAP 16 L229**	29 x 2	**MVAP 16 L240**	40 x 2

CVP L - CVAP L and **MVP L - MVAP L**



type	A
CVP/MVP 16 L	63
CVAP/MVAP 16 L	81

Hoods
(from page 404)

Type 4/4X/12

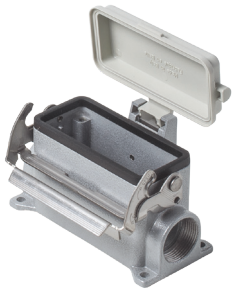
insulating cable gland or fittings
without gasket

cable gland
with O-Ring gasket

CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

surface mounting housings with single lever in stainless steel and plastic cover

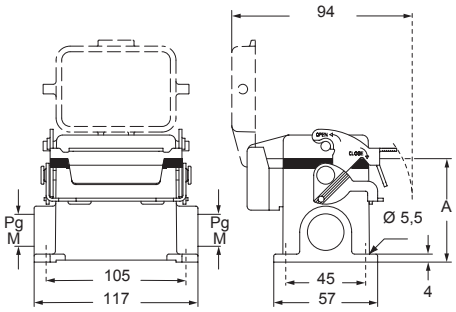


surface mounting housings with single lever in stainless steel and aluminium cover

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever and cover, size “77.27”	**CVP 16 LP**	21	**MVP 16 LP25**	25	**CVP 16 LS**	21	**MVP 16 LS25**	25
with lever and cover, size “77.27”	**CVP 16 LP2**	21 x 2	**MVP 16 LP225**	25 x 2	**CVP 16 LS2**	21 x 2	**MVP 16 LS225**	25 x 2
with lever and cover, high construction, size “77.27”	**CVAP 16 LP**	21	**MVAP 16 LP32**	32	**CVAP 16 LS**	21	**MVAP 16 LS32**	32
with lever and cover, high construction, size “77.27”	**CVAP 16 LP2**	21 x 2	**MVAP 16LP232**	32 x 2	**CVAP 16 LS2**	21 x 2	**MVAP 16LS232**	32 x 2
with lever and cover, high construction, size “77.27”	**CVAP 16 LP29**	29	**MVAP 16 LP40**	40	**CVAP 16 LS29**	29	**MVAP 16 LS40**	40
with lever and cover, high construction, size “77.27”	**CVAP 16LP229**	29 x 2	**MVAP 16LP240**	40 x 2	**CVAP 16LS229**	29 x 2	**MVAP 16LS240**	40 x 2

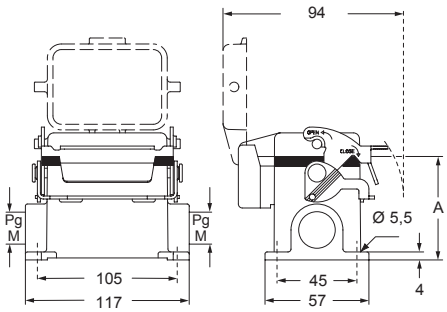
The enclosures ensure IP66 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

CVP LP - CVAP LP and **MVP LP - MVAP LP**



type	A
CVP/MVP 16 LP	63
CVAP/MVAP 16 LP	81

CVP LS - CVAP LS and **MVP LS - MVAP LS**



type	A
CVP/MVP 16 LS	63
CVAP/MVAP 16 LS	81

Hoods
(from page 404)

Type 4/4X/12
(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

CV - CVA - CVF and MV - MVA - MVF V-TYPE lever version

inserts		page:
CD	40 poles + ⏚	**70**
CDD	72 poles + ⏚	**79**
CDS	27 poles + ⏚	**-**
CDSH	27 poles + ⏚	**88**
CNE	16 poles + ⏚	**112**
CSE	16 poles + ⏚	**-**
CSH	16 poles + ⏚	**112**
CSH S	16 poles + ⏚	**124**
CCE	16 poles + ⏚	**132**
CMSH, CMCE	6+2 (aux) poles + ⏚	**138 - 139**
CSS	16 poles + ⏚	**150**
CQE	32 poles + ⏚	**170**
CQEE	40 poles + ⏚	**176**
CP	6 poles + ⏚	**178**
CX	6/12, 6/36 and 12/2 poles + ⏚	**197 - 199**
CX	4/0 and 4/2 poles + ⏚	**200 - 201**
MIXO	4 modules	**262 - 317**

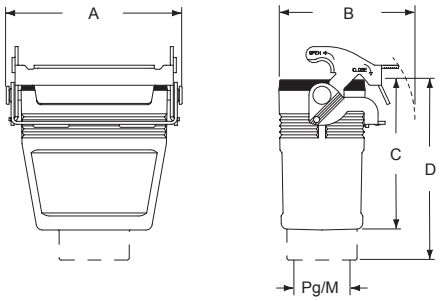
hoods, top entry,
with gasket and single lever in stainless steel

hoods, top entry,
with gasket and 2 levers in stainless steel

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever/s, size “77.27”	**CVV 16 LG**	21	**MVV 16 LG32**	32	**CVV 16 G**	21	**MVV 16 G32**	32
with lever/s, high construction, size “77.27”	**CVAV 16 LG21**	21	**MVAV 16 LG25**	25	**CVAV 16 G21**	21	**MVAV 16 G25**	25
with lever/s, high construction, size “77.27”	**CVAV 16 LG29**	29	**MVAV 16 LG32**	32	**CVAV 16 G29**	29	**MVAV 16 G32**	32
with lever/s, high construction, without adapter, size “77.27” [1]	**CVFV 16 LG21**	21	**MVFV 16 LG25**	25	**CVFV 16 G21**	21	**MVFV 16 G25**	25
with lever/s, high construction, without adapter, size “77.27” [1]	**CVFV 16 LG29**	29	**MVFV 16 LG32**	32	**CVFV 16 G29**	29	**MVFV 16 G32**	32

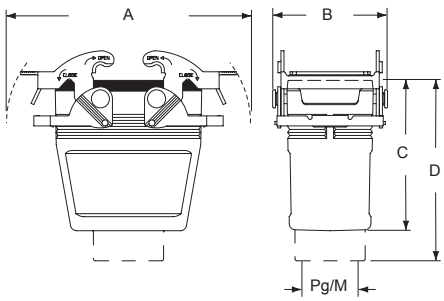
[1] enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

CVV LG - CVAV LG - CVFV LG and
MVV LG - MVAV LG - MVFV LG



type	A	B	C	D
CVV/MVV 16 LG	107,5	68	50,5	63,5
CVAV/MVAV 16 LG	107,5	68	81	97
CVFV/MVFV 16 LG	107,5	68	81	-

CVV G - CVAV G - CVFV G and
MVV G - MVAV G - MVFV G



type	A	B	C	D
CVV/MVV 16 G	142,5	57	50,5	63,5
CVAV/MVAV 16 G	142,5	57	81	97
CVFV/MVFV 16 G	142,5	57	81	-

Hoods
(from page 404)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529 insulating cable gland or fittings without gasket

EN 60529 IP66 IP69 IEC 60529 cable gland with O-Ring gasket

CV V-TYPE lever version

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CT, CTS (10A) ***)**	64 poles + ⏚	**157**
CT, CTSE (16A) ***)**	24 poles + ⏚	**163**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

***)** can be used only in bulkhead mounting housings

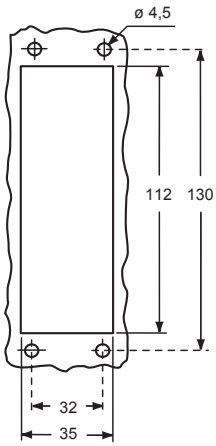
bulkhead mounting housings with single lever in stainless steel

bulkhead mounting housings with single lever in stainless steel

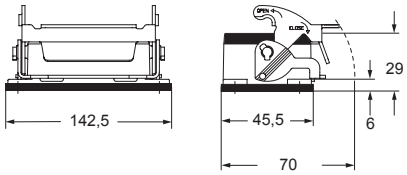
description	part No.	part No.
with lever and gasket, size “104.27”	**CVI 24 L**	
with lever, gasket and cover in aluminium, size “104.27”		**CVI 24 LS**
with lever, gasket and cover in plastic, size “104.27”		**CVI 24 LP**

The enclosures ensure IP66/IP69 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

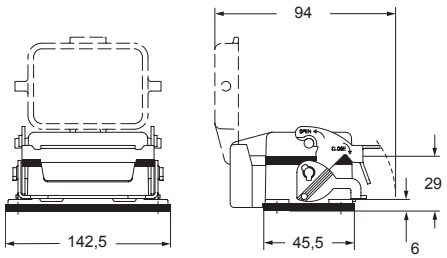
panel cut-out for bulkhead mounting housings



CVI L



CVI LS/LP



Hoods (from page 414)

Type 4/4X/12

EN 60529 IP66 IP69 IEC 60529

Type 4/4X/12 (except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV - CVA and MV - MVA V-TYPE lever SIMPLEX self-closing covers

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CT, CTS (10A) *)	64 poles + ⏚	**157**
CT, CTSE (16A) *)	24 poles + ⏚	**163**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

*) can be used only in bulkhead mounting housings

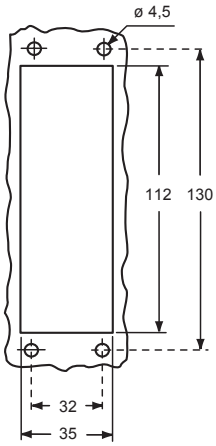
bulkhead mounting housings with stainless steel single lever

surface mounting housings with stainless steel single lever

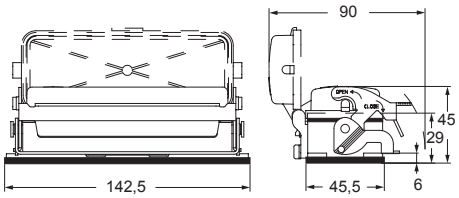
description	part No.	part No.	entry Pg	part No.	entry M
with lever, gasket and cover in plastic	**CVI 24 LSP**				
with lever and cover		**CVP 24 LSP21**	21	**MVP 24 LSP25**	25
with lever and cover, high construction		**CVAP 24LSP21**	21	**MVAP 24LSP25**	25
with lever and cover, high construction		**CVAP 24LSP29**	29	**MVAP 24LSP32**	32
with lever and cover, high construction				**MVAP 24LSP40**	40

The enclosures ensure IP65 degree of protection when mated and locked with the closing lever, or IP44 protection when not mated and locked with lever, thanks to the SIMPLEX self-closing cover.

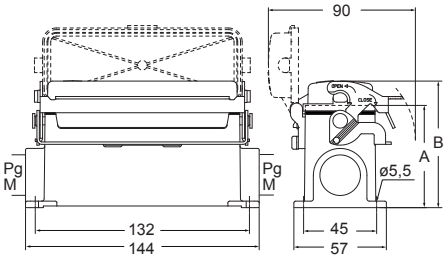
panel cut-out for bulkhead mounting housings



CVI LSP



CVP - CVAP LSP and **MVP - MVAP LSP**



type	A	B
CVP / MVP 24 LSP	63	78
CVAP / MVAP 24 LSP	81	96

Hoods (from page 414)

c UL us Type 4/4X/12

EN 60529 IP65 IEC 60529

c UL us Type 4/4X/12 pending

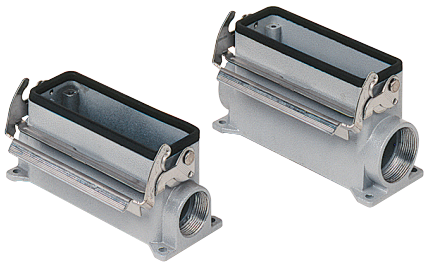
EN 60529 IP65 IEC 60529

V-TYPE IP65/IP66

CV - CVA and MV - MVA V-TYPE lever version

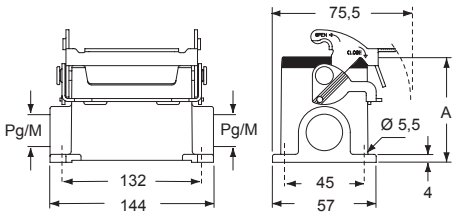
inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

surface mounting housings with single lever in stainless steel



description	part No.	entry Pg	part No	entry M
with lever, size “104.27”	**CVP 24 L**	21	**MVP 24 L25**	25
with lever, size “104.27”	**CVP 24 L2**	21 x 2	**MVP 24 L225**	25 x 2
with lever, high construction, size “104.27”	**CVAP 24 L**	21	**MVAP 24 L32**	32
with lever, high construction, size “104.27”	**CVAP 24 L2**	21 x 2	**MVAP 24 L232**	32 x 2
with lever, high construction, size “104.27”	**CVAP 24 L29**	29	**MVAP 24 L40**	40
with lever, high construction, size “104.27”	**CVAP 24 L229**	29 x 2	**MVAP 24 L240**	40 x 2

CVP L - CVAP L and **MVP L - MVAP L**



type	A
CVP / MVP 24 L	63
CVAP / MVAP 24 L	81

Hoods
(from page 414)

Type 4/4X/12

insulating cable gland or fittings
without gasket

cable gland
with O-Ring gasket

CV - CVA and MV - MVA V-TYPE lever version

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

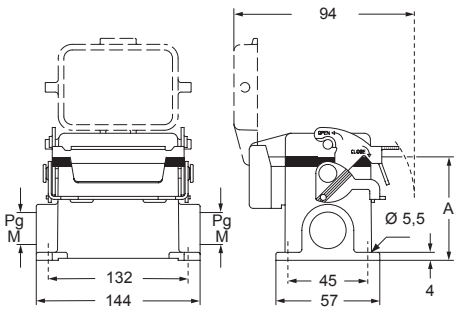
surface mounting housings with single lever in stainless steel and plastic cover

surface mounting housings with single lever in stainless steel and aluminium cover

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever and cover, size “104.27”	**CVP 24 LP**	21	**MVP 24 LP25**	25	**CVP 24 LS**	21	**MVP 24 LS25**	25
with lever and cover, size “104.27”	**CVP 24 LP2**	21 x 2	**MVP 24 LP225**	25 x 2	**CVP 24 LS2**	21 x 2	**MVP 24 LS225**	25 x 2
with lever and cover, high construction, size “104.27”	**CVAP 24 LP**	21	**MVAP 24 LP32**	32	**CVAP 24 LS**	21	**MVAP 24 LS32**	32
with lever and cover, high construction, size “104.27”	**CVAP 24 LP2**	21 x 2	**MVAP 24LP232**	32 x 2	**CVAP 24 LS2**	21 x 2	**MVAP 24LS232**	32 x 2
with lever and cover, high construction, size “104.27”	**CVAP 24 LP29**	29	**MVAP 24 LP40**	40	**CVAP 24 LS29**	29	**MVAP 24 LS40**	40
with lever and cover, high construction, size “104.27”	**CVAP 24LP229**	29 x 2	**MVAP 24LP240**	40 x 2	**CVAP 24LS229**	29 x 2	**MVAP 24LS240**	40 x 2

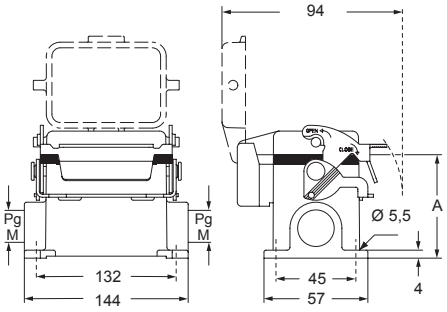
The enclosures ensure IP66 (or IP65 cover versions) degree of protection when mated and locked with the closing levers.

CVP LP - CVAP LP and **MVP LP - MVAP LP**



type	A
CVP/MVP 24 LP	63
CVAP/MVAP 24 LP	81

CVP LS - CVAP LS and **MVP LS - MVAP LS**



type	A
CVP/MVP 24 LS	63
CVAP/MVAP 24 LS	81

Hoods
(from page 414)

Type 4/4X/12
(except enclosures with plastic cover)

EN 60529 IP65 IEC 60529

CV - CVA - CVF and MV - MVA - MVF V-TYPE lever version

inserts		page:
CD	64 poles + ⏚	**72**
CDD	108 poles + ⏚	**81**
CDS	42 poles + ⏚	**-**
CDSH	42 poles + ⏚	**89**
CNE	24 poles + ⏚	**113**
CSE	24 poles + ⏚	**-**
CSH	24 poles + ⏚	**113**
CSH S	24 poles + ⏚	**125**
CCE	24 poles + ⏚	**133**
CMSH	10+2 (aux) poles + ⏚	**140**
CMCE	10+2 (aux) poles + ⏚	**141**
CSS	24 poles + ⏚	**151**
CQE	46 poles + ⏚	**171**
CQEE	64 poles + ⏚	**177**
CX	4/8 and 6/6 poles + ⏚	**204, 206**
MIXO	6 modules	**262 - 317**

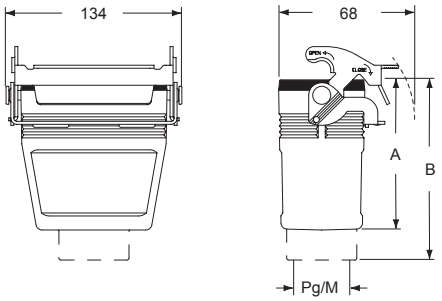
hoods, top entry,
with gasket and single lever in stainless steel

hoods, top entry,
with gasket and 2 levers in stainless steel

description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with lever/s, size “104.27”	**CVV 24 LG**	21	**MVV 24 LG32**	32	**CVV 24 G**	21	**MVV 24 G32**	32
with lever/s, high construction, size “104.27”	**CVAV 24 LG21**	21	**MVAV 24 LG25**	25	**CVAV 24 G21**	21	**MVAV 24 G25**	25
with lever/s, high construction, size “104.27”	**CVAV 24 LG29**	29	**MVAV 24 LG32**	32	**CVAV 24 G29**	29	**MVAV 24 G32**	32
with lever/s, high construction, without adapter, size “104.27” [1]	**CVFV 24 LG21**	21	**MVFV 24 LG25**	25	**CVFV 24 G21**	21	**MVFV 24 G25**	25
with lever/s, high construction, without adapter, size “104.27” [1]	**CVFV 24 LG29**	29	**MVFV 24 LG32**	32	**CVFV 24 G29**	29	**MVFV 24 G32**	32

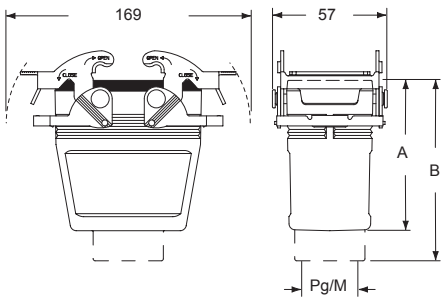
[1] enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

CVV LG - CVAV LG - CVFV LG and
MVV LG - MVAV LG - MVFV LG



type	A	B
CVV/MVV 24 LG	60,5	73,5
CVAV/MVAV 24 LG	81	97
CVFV/MVFV 24 LG	81	-

CVV G - CVAV G - CVFV G and
MVV G - MVAV G - MVFV G



type	A	B
CVV/MVV 24 G	60,5	73,5
CVAV/MVAV 24 G	81	97
CVFV/MVFV 24 G	81	-

Hoods
(from page 414)

Type 4/4X/12

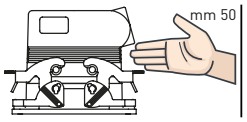
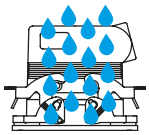
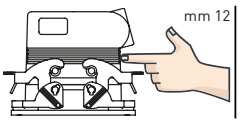
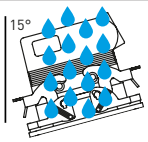
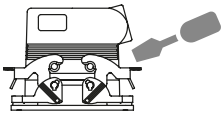
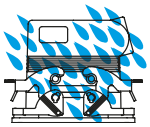
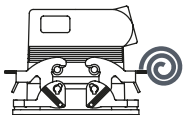
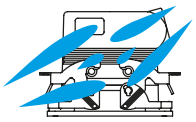
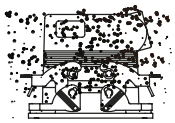
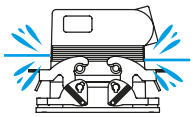
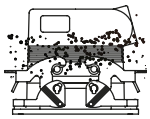
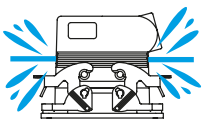
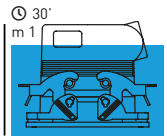
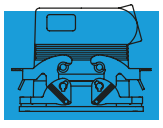
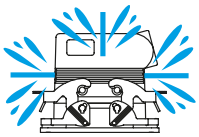
insulating cable gland or fittings
without gasket

cable gland
with O-Ring gasket

V-TYPE IP65/IP66

THE DEGREE OF PROTECTION

The connector's housing, sealing and locking mechanism protect the connection from external influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleansing and cooling agents, oils, etc. The degree of protection the housing offers is explained in the IEC 60529, DIN EN 60529, standards that categorize enclosures according to foreign body and water protection.
The following table shows the **IP (Ingress Protection) Ratings Guide**.

FIRST Index figure	Degree of protection SOLIDS		SECOND Index figure	Degree of protection WATER	
0		No protection	0		No protection
1		Protected against access to hazardous parts with the back of a hand and protected against solid foreign objects of Ø 50 mm and greater	1		Protected against vertically falling water drops
2		Protected against access to hazardous parts with a finger - protected against solid foreign objects of Ø 12,5 mm and greater	2		Protected against vertically falling water drops when enclosure tilted up to 15° (on either side of the vertical)
3		Protected against access to hazardous parts with a tool - protected againstsolid foreign objects of Ø 2,5 mm and greater	3		Protected against spraying water (at an angle up to 60° on either side of the vertical)
4		Protected against access to hazardous parts with a wire - protected against solid foreign objects of Ø 1,0 mm and greater	4		Protected against splashing water from any direction
5		Protected against access to hazardous parts with a wire dust-protected (no harmful dust deposit)	5		Protected against water jets from any direction
6		Protected against access to hazardous parts with a wire dust-tight (total protection against dust)	6		Protected against powerful water jets from any direction (similar to sea waves)
			7		Protected against the effects of temporary immersion in water at a maximum depth of 1 metre for 30 min
			8		Protected against the effects of continuous immersion in water at depth and/or duration upon agreement, more severe than for numeral 7
			9		Protected against high pressure and temperature water jets from any direction

RATING EXAMPLE

IP 6 5

Description according to IEC 60529

CHANGEOVER FROM PG THREADS TO METRIC

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 (Pg = Panzerrohr-Gewinde: literally “threads for armoured pipes”) - were withdrawn and European standard EN 50262 “Metric cable glands for electrical installations” has been in force since 1st January 2000.

This standard defines the new sizes with metric threads for cable glands according to EN 60423 and establishes the safety prescriptions.

Conversely, it does not specify the dimensions, such as the size of the tightening wrench, the diagonal dimension, or the dimensions of the tightness seals, as was the case in the withdrawn DIN for Pg cable glands.

The standard came definitively into force on 1st April 2001, when the contrasting national standards were withdrawn.

It is valid in all member countries of CENELEC (European Electrical Standardisation Committee) and its publication has led to a broadening of the supply of enclosures for multi-pole connectors for industrial use, to include new enclosure versions with cable entry suitable for metric cable glands.

NOTE – In 2016 the new EN 62444:2013 standard “Cable glands for electrical installations” replaced the former to cover only cable gland with metric thread whose range is now M6 through M110 (previously up to M75).

Cable gland producers have introduced the new metric series to add to the Pg size series, to gradually replace the latter type. The transitional period indicated in the new standard should have ended on 1st March 2001, after which date the use of cable entry devices with Pg thread and, as a result, enclosures with Pg thread, should have ended in new installations. Nevertheless, both the cable entry devices and the relevant enclosures with Pg thread, may continue to be used as spare parts. For the mandatory **CE** marking of these items, observance of the safety conditions specified by the Low Voltage Directive is sufficient, however adherence to the safety requirements of EN 62444 provides presumption of conformity.

To distinguish hoods and surface-mounting housings with metric entries from the relevant Pg versions (identified with a C pre-code), the ILME metric types are identified 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.

Pg → metric transposition table

Pg	Metric
Pg 11	M20
Pg 13.5	M20
Pg 16	M20
Pg 21	M25
Pg 29	M32
Pg 36	M40
Pg 42	M50

Cable diameter for use with ILME cable glands

∅ in mm	Metric thread				
Series	**20**	**25**	**32**	**40**	**50**
AS M..P	6 - 12,5	10 - 18	14 - 24	15 - 24	23 - 30
AS M..E	8 - 12,5	13,5 - 18	17 - 24	—	—
AG M..T	6 - 8 -10	11 - 14 - 17	19 - 21 -24	26 - 29 - 32	35 - 38 - 41
AG M..I	5 - 12,5	9 - 18	14 - 25	18 - 32	24 - 38,5
AG M..R	6 - 8 -10	11 - 14 - 17	19 - 21 - 24	—	—

For more information, please refer to the technical catalogue on www.ilme.com