



frutti inseribili: pag.:
CME 3+2 (aux) poli + ⊕ 149

interassi fissaggio frutti:
57 x 27 mm

**custodie da incasso
 chiusura doppia**

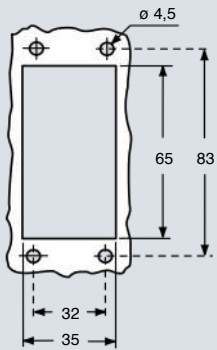


**custodie da incasso
 chiusura singola**



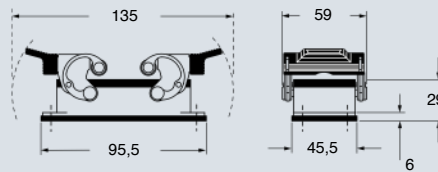
descrizione	codice articolo	codice articolo
con leva/a	CMI 03	CMI 03 L
con leva e sportello		CMI 03 LS

dima di fissaggio custodie da incasso in mm



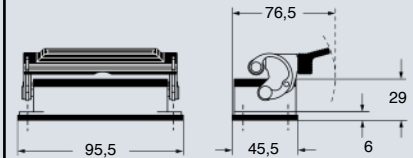
dimensioni in mm

CMI

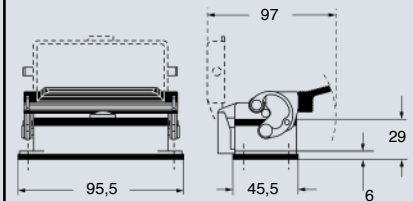


dimensioni in mm

CMI L



CMI LS



N.B.:
 Le custodie garantiscono il grado di protezione IP66 (o IP65 per versioni con sportello) quando sono accoppiate e bloccate tramite le leve di chiusura.

CAIUS® Type 4/4X/12



le misure indicate non sono impegnative e possono essere variate senza alcun preavviso



frutti inseribili: pag.:
CME 3+2 (aux) poli + ⊕ 149

interassi fissaggio frutti:
57 x 27 mm

**custodie da parete
 chiusura doppia**



**custodie da parete
 chiusura singola**

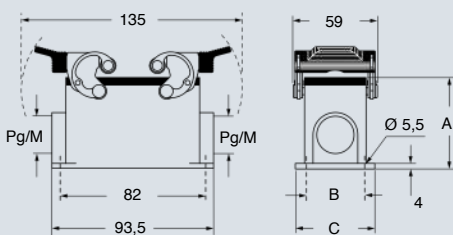


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con leva/a	CMP 03	16	MMP 03.20	20	CMP 03 L	16	MMP 03 L20	20
con leva/a	CMP 03.2	16 x 2	MMP 03.220	20 x 2	CMP 03 L2	16 x 2	MMP 03 L220	20 x 2
con leva/a, alte			MMAP 03.32	32			MMAP 03 L32	32
con leva/a, alte			MMAP 03.232	32 x 2			MMAP 03 L232	32 x 2
con leva/a, alte			MMAP 03.40	40			MMAP 03 L40	40
con leva/a, alte			MMAP 03.240	40 x 2			MMAP 03 L240	40 x 2
con leva e sportello					CMP 03 LS	16	MMP 03 LS20	20
con leva e sportello					CMP 03 LS2	16 x 2	MMP 03 LS220	20 x 2
con leva e sportello, alte							MMAP 03 LS32	32
con leva e sportello, alte							MMAP 03LS232	32 x 2
con leva e sportello, alte							MMAP 03 LS40	40
con leva e sportello, alte							MMAP 03LS240	40 x 2

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dimensioni in mm

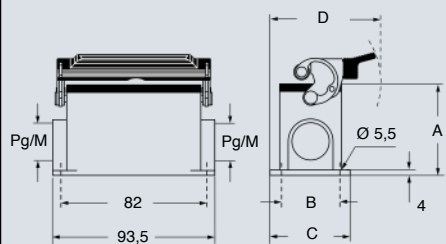
CMP - CMAP e MMP - MMAP



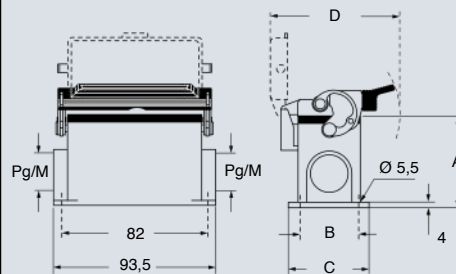
tipo	A	B	C
CMP / MMP	57	40	52
MMAP	74	45	57

dimensioni in mm

CMP L e MMP L - MMAP L



CMP LS e MMP LS - MMAP LS



tipo	A	B	C	D
CMP L / MMP L	57	40	52	79.5
MMAP L	74	45	57	82
CMP LS / MMP LS	57	40	52	97
MMAP LS	74	45	57	97

CALUS Type 4/4X/12



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830V - grandezza 57.27



frutti inseribili: pag.:
CME 3+2 (aux) poli + ⊕ 149

interassi fissaggio frutti:
57 x 27 mm

**custodie mobili
 chiusura doppia**



**custodie mobili
 chiusura singola**

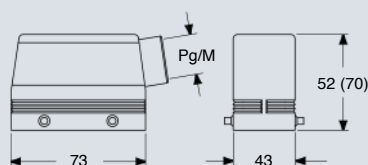


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con piolini, uscita orizzontale	CMO 03	16	MMO 03.20	20	CMO 03 L	16	MMO 03 L20	20
con piolini, uscita orizzontale			MMO 03.25	25			MMO 03 L25	25
con piolini, uscita orizzontale, alte			MMAO 03.32	32			MMAO 03 L32	32
con piolini, uscita orizzontale, alte			MMAO 03.40	40			MMAO 03 L40	40
con piolini, uscita verticale	CMV 03	16	MMV 03.20	20	CMV 03 L	16	MMV 03 L20 *	20
con piolini, uscita verticale			MMV 03.25	25			MMV 03 L25	25
con piolini, uscita verticale, alte			MMAV 03.32	32			MMAV 03 L32	32
con piolini, uscita verticale, alte			MMAV 03.40	40			MMAV 03 L40	40

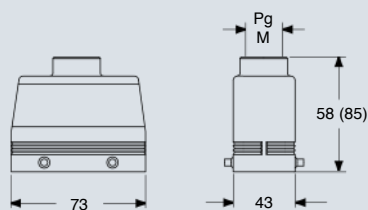
* utilizzabile solo con pressacavo completo (da acquistare separatamente).

dimensioni in mm

CMO e MMO (MMAO)

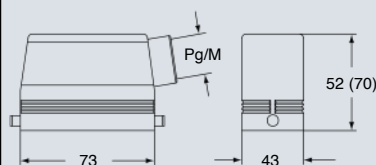


CMV e MMV (MMAV)

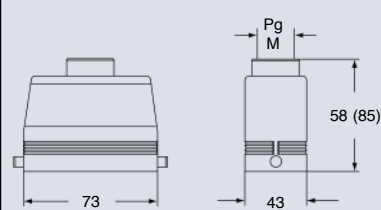


dimensioni in mm

CMO L e MMO L (MMAO L)



CMV L e MMV L (MMAV L)



CRUS Type 4/4X/12



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830V - grandezza 57.27



frutti inseribili: pag.:
CME 3+2 (aux) poli + ⊕ 149

interassi fissaggio frutti:
 57 x 27 mm

**custodie mobili
 chiusura doppia**



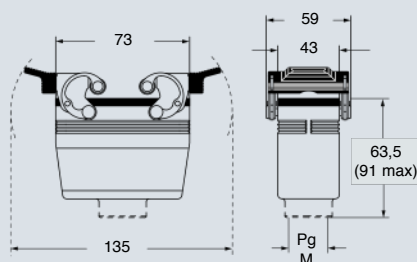
**coperchi volanti
 chiusura doppia o singola**



descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo (con occhio)	codice articolo (con asola)
con leve e guarnizione, uscita verticale	CMV 03 G	16	MMV 03 G25	25		
con leve e guarnizione, uscita verticale, alte			MMAV 03 G25	25		
con leve e guarnizione, uscita verticale, alte			MMAV 03 G32	32		
con 4 piolini (per custodie a 2 leve e guarnizione) con 2 piolini (per custodie a 1 leva e guarnizione)					CHC 10 CHC 10 L	
con 2 leve (per custodie mobili con 4 piolini) con 1 leva (per custodie mobili con 2 piolini)						CHC 10 G CHC 10 LG

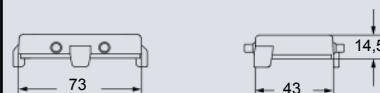
dimensioni in mm

CMV G e MMV G (MMAV G)



dimensioni in mm

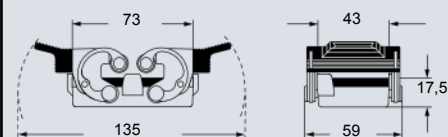
CHC



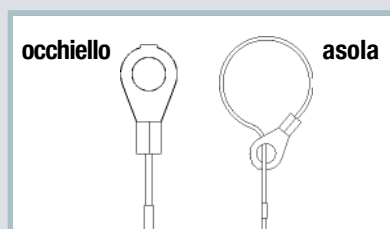
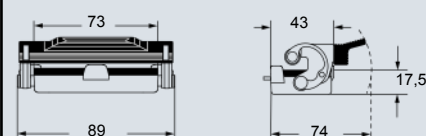
CHC L



CHC G



CHC LG



CALUS Type 4/4X/12



le misure indicate non sono impegnative
 e possono essere variate senza alcun preavviso

830V - grandezza 57.27



frutti inseribili: pag.:
CME 6+2 (aux) poli + ⊕ 151

interassi fissaggio frutti:
77,5 x 27 mm

**custodie da incasso
 chiusura doppia**

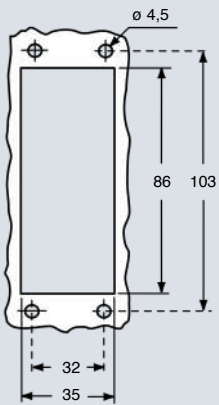


**custodie da incasso
 chiusura singola**



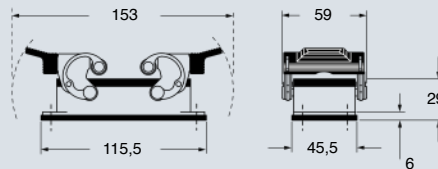
descrizione	codice articolo	codice articolo
con leva/a	CMI 06	CMI 06 L
con leva e sportello		CMI 06 LS

dima di fissaggio custodie da incasso in mm



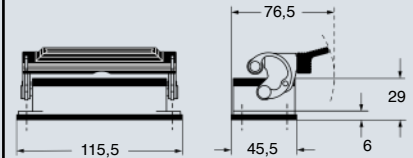
dimensioni in mm

CMI

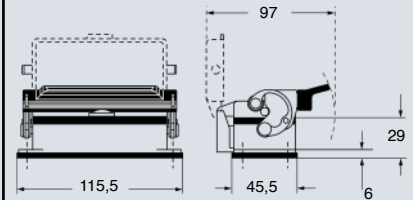


dimensioni in mm

CMI L



CMI LS



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CAUS® Type
 4/4X/12



le misure indicate non sono impegnative
 e possono essere variate senza alcun preavviso



frutti inseribili: pag.:
CME 6+2 (aux) poli + ⊕ 151

interassi fissaggio frutti:
77,5 x 27 mm

**custodie da parete
 chiusura doppia**



**custodie da parete
 chiusura singola**

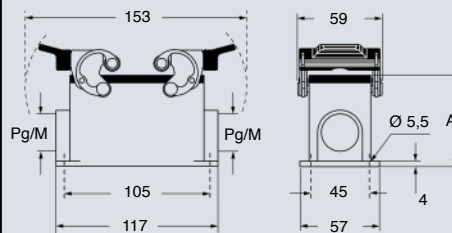


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con leva/a	CMP 06	21	MMP 06.25	25	CMP 06 L	21	MMP 06 L25	25
con leva/a	CMP 06.2	21 x 2	MMP 06.225	25 x 2	CMP 06 L2	21 x 2	MMP 06 L225	25 x 2
con leva/a, alte			MMP 06.32	32			MMP 06 L32	32
con leva/a, alte			MMAP 06.232	32 x 2			MMAP 06 L232	32 x 2
con leva/a, alte			MMP 06.40	40			MMP 06 L40	40
con leva/a, alte			MMP 06.240	40 x 2			MMP 06 L240	40 x 2
con leva e sportello					CMP 06 LS	21	MMP 06 LS25	25
con leva e sportello					CMP 06 LS2	21 x 2	MMP 06 LS225	25 x 2
con leva e sportello, alte							MMP 06 LS32	32
con leva e sportello, alte							MMP 06LS232	32 x 2
con leva e sportello, alte							MMP 06 LS40	40
con leva e sportello, alte							MMP 06LS240	40 x 2

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dimensioni in mm

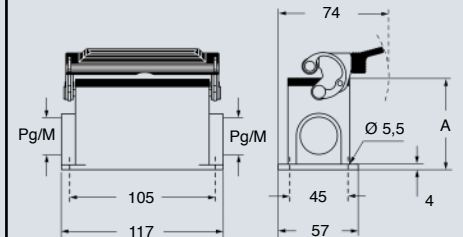
CMP e MMP - MMAP



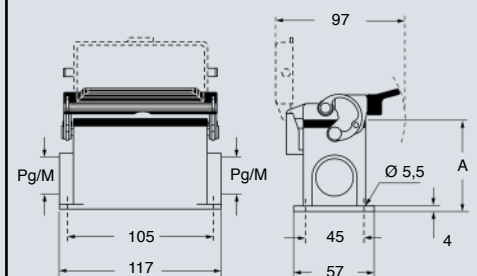
tipo	A
CMP / MMP	63
MMAP	81

dimensioni in mm

CMP L e MMP L - MMAP L



CMP LS e MMP LS - MMAP LS



tipo	A
CMP L / MMP L	63
MMAP L	81
CMP LS / MMP LS	63
MMAP LS	81

CALUS Type 4/4X/12



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830V - grandezza 77.27



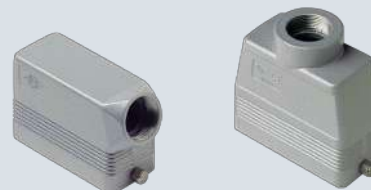
frutti inseribili: pag.:
CME 6+2 (aux) poli + ⊕ 151

interassi fissaggio frutti:
77,5 x 27 mm

**custodie mobili
 chiusura doppia**



**custodie mobili
 chiusura singola**

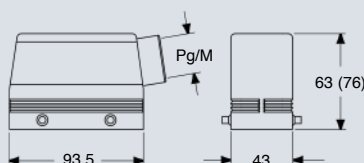


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con piolini, uscita orizzontale	CMO 06	21	MMO 06.25	25	CMO 06 L	21	MMO 06 L25	25
con piolini, uscita orizzontale			MMO 06.32	32			MMO 06 L32	32
con piolini, uscita orizzontale, alte			MMAO 06.32	32			MMAO 06 L32	32
con piolini, uscita orizzontale, alte			MMAO 06.40	40			MMAO 06 L40	40
con piolini, uscita verticale	CMV 06	21	MMV 06.25 *	25	CMV 06 L	21	MMV 06 L25	25
con piolini, uscita verticale			MMV 06.32	32			MMV 06 L32	32
con piolini, uscita verticale, alte			MMAV 06.32	32			MMAV 06 L32	32
con piolini, uscita verticale, alte			MMAV 06.40	40			MMAV 06 L40	40

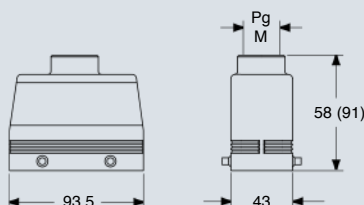
* utilizzabile solo con pressacavo completo (da acquistare separatamente).

dimensioni in mm

CMO e MMO (MMAO)

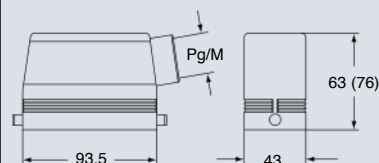


CMV e MMV (MMAV)

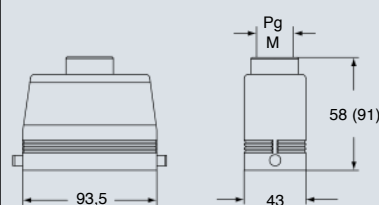


dimensioni in mm

CMO L e MMO L (MMAO L)



CMV L e MMV L (MMAV L)



CAUS Type 4/4X/12



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830V - grandezza 77.27



frutti inseribili: pag.:
CME 6+2 (aux) poli + ⊕ 151

interassi fissaggio frutti:
77,5 x 27 mm

**custodie mobili
 chiusura doppia**



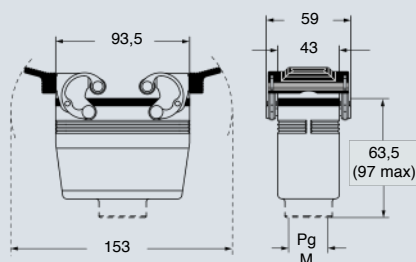
**copercchi volanti
 chiusura doppia o singola**



descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo (con occhiello)	codice articolo (con asola)
con leve e guarnizione, uscita verticale	CMV 06 G	21	MMV 06 G32	32		
con leve e guarnizione, uscita verticale, alte			MMAV 06 G25	25		
con leve e guarnizione, uscita verticale, alte			MMAV 06 G32	32		
con 4 piolini (per custodie a 2 leve e guarnizione) con 2 piolini (per custodie a 1 leva e guarnizione)					CHC 16 CHC 16 L	
con 2 leve (per custodie mobili con 4 piolini) con 1 leva (per custodie mobili con 2 piolini)						CHC 16 G CHC 16 LG

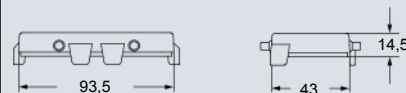
dimensioni in mm

CMV G e MMV G (MMAV G)

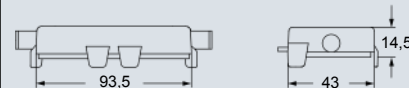


dimensioni in mm

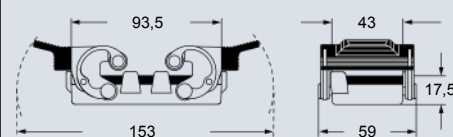
CHC



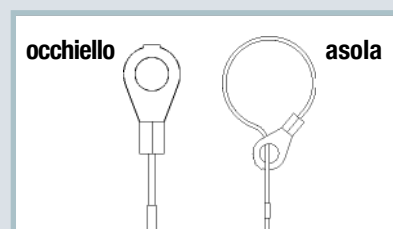
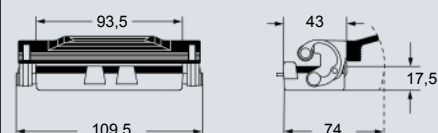
CHC L



CHC G



CHC LG



CALUS Type 4/4X/12



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830V - grandezza 77.27



frutti inseribili:	pag.:
CME 10+2 (aux) poli + ⊕	153
CMCE 16+2 (aux) poli + ⊕	158
CME 16+2 (aux) poli + ⊕	159

interassi fissaggio frutti:
104 x 27 mm

**custodie da incasso
chiusura doppia**

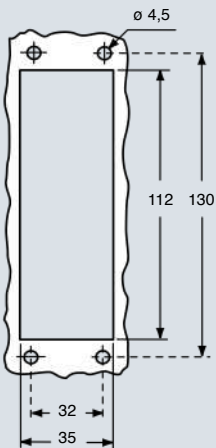


**custodie da incasso
chiusura singola**



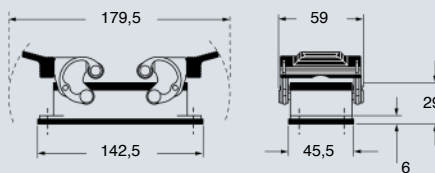
descrizione	codice articolo	codice articolo
con leva/a	CMI 16	CMI 16 L
con leva e sportello		CMI 16 LS

dima di fissaggio custodie da incasso in mm



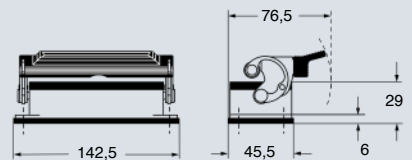
dimensioni in mm

CMI

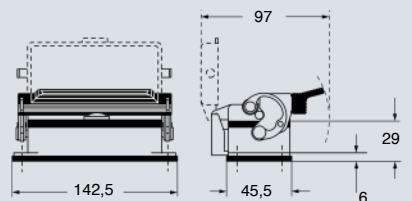


dimensioni in mm

CMI L



CMI LS



N.B.:

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CAIUS® Type 4/4X/12



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frutti inseribili:	pag.:
CME 10+2 (aux) poli + ⊕	153
CMCE 16+2 (aux) poli + ⊕	158
CME 16+2 (aux) poli + ⊕	159

interassi fissaggio frutti:
104 x 27 mm

**custodie da parete
chiusura doppia**



**custodie da parete
chiusura singola**

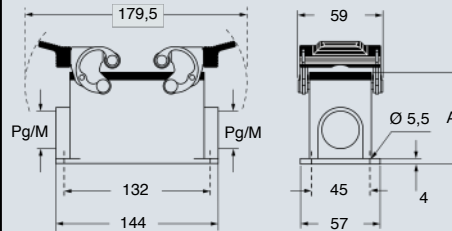


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con leva/a	CMP 16	21	MMP 16.25	25	CMP 16 L	21	MMP 16 L25	25
con leva/a	CMP 16.2	21 x 2	MMP 16.225	25 x 2	CMP 16 L2	21 x 2	MMP 16 L225	25 x 2
con leva/a, alte			MMAP 16.32	32			MMAP 16 L32	32 x 2
con leva/a, alte			MMAP 16.232	32 x 2			MMAP 16 L232	32 x 2
con leva/a, alte			MMAP 16.40	40			MMAP 16 L40	40
con leva/a, alte			MMAP 16.240	40 x 2			MMAP 16 L240	40 x 2
con leva e sportello					CMP 16 LS	21	MMP 16 LS25	25
con leva e sportello					CMP 16 LS2	21 x 2	MMP 16 LS225	25 x 2
con leva e sportello, alte							MMAP 16 LS32	32
con leva e sportello, alte							MMAP 16LS232	32 x 2
con leva e sportello, alte							MMAP 16 LS40	40
con leva e sportello, alte							MMAP 16LS240	40 x 2

N.B.:
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dimensioni in mm

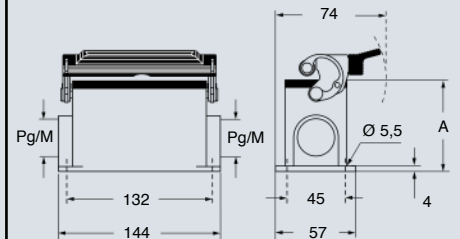
CMP e MMP - MMAP



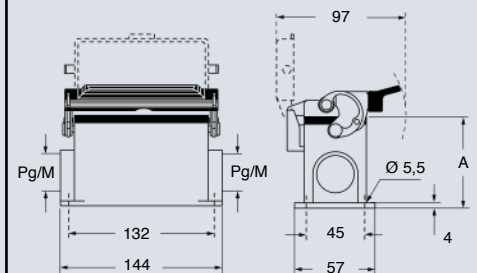
tipo	A
CMP / MMP	63
MMAP	81

dimensioni in mm

CMP L e MMP L - MMAP L



CMP LS e MMP LS - MMAP LS



tipo	A
CMP L / MMP L	63
MMAP L	81
CMP LS / MMP LS	63
MMAP LS	81

CALUS® Type 4/4X/12



le misure indicate non sono impegnative e possono essere variate senza alcun preavviso

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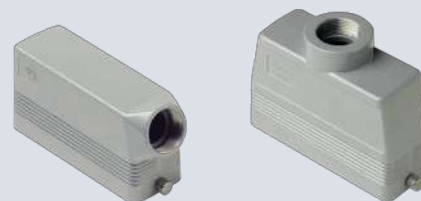
frutti inseribili:	pag.:
CME 10+2 (aux) poli + ⊕	153
CMCE 16+2 (aux) poli + ⊕	158
CME 16+2 (aux) poli + ⊕	159

interassi fissaggio frutti:
104 x 27 mm

**custodie mobili
chiusura doppia**



**custodie mobili
chiusura singola**

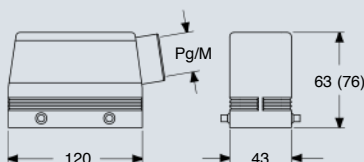


descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo	uscita Pg	codice articolo	uscita M
con piolini, uscita orizzontale	CMO 16	21	MMO 16.25	25	CMO 16 L	21	MMO 16 L25	25
con piolini, uscita orizzontale			MMO 16.32	32			MMO 16 L32	32
con piolini, uscita orizzontale, alte			MMAO 16.32	32			MMAO 16 L32	32
con piolini, uscita orizzontale, alte			MMAO 16.40	40			MMAO 16 L40	40
con piolini, uscita verticale	CMV 16	21	MMV 16.25 *	25	CMV 16 L	21	MMV 16 L25	25
con piolini, uscita verticale			MMV 16.32	32			MMV 16 L32	32
con piolini, uscita verticale	CMV 16.29	29	MMV 16.40	40	CMV 16 L29	29	MMV 16 L40	40
con piolini, uscita verticale, alte			MMAV 16.32	32			MMAV 16 L32	32
con piolini, uscita verticale, alte			MMAV 16.40	40			MMAV 16 L40	40

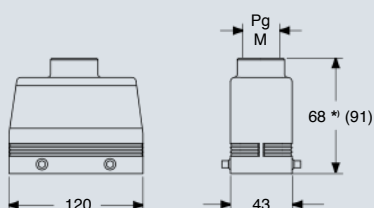
* utilizzabile solo con pressacavo completo (da acquistare separatamente)

dimensioni in mm

CMO e MMO (MMAO)



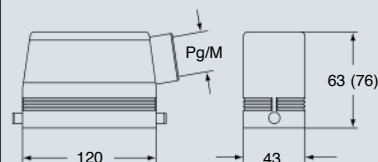
CMV e MMV (MMAV)



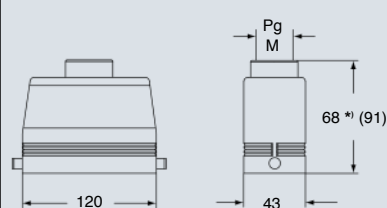
*) 69,5 per versioni Pg 29 - M 40

dimensioni in mm

CMO L e MMO L (MMAO L)



CMV L e MMV L (MMAV L)



*) 69,5 per versioni Pg 29 - M 40

CALUS Type 4/4X/12



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frutti inseribili:	pag.:
CME 10+2 (aux) poli + ⊕	153
CMCE 16+2 (aux) poli + ⊕	158
CME 16+2 (aux) poli + ⊕	159

interassi fissaggio frutti:
104 x 27 mm

**custodie mobili
chiusura doppia**



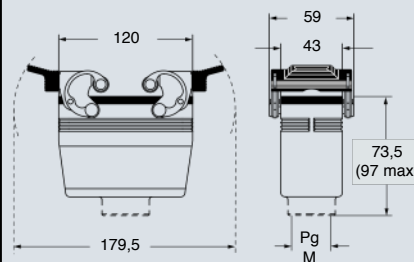
**copercchi volanti
chiusura doppia o singola**



descrizione	codice articolo	uscita Pg	codice articolo	uscita M	codice articolo (con occhiello)	codice articolo (con asola)
con leve e guarnizione, uscita verticale	CMV 16 G	21	MMV 16 G32	32		
con leve e guarnizione, uscita verticale, alte			MMAV 16 G25	25		
con leve e guarnizione, uscita verticale, alte			MMAV 16 G32	32		
con 4 piolini (per custodie a 2 leve e guarnizione) con 2 piolini (per custodie a 1 leva e guarnizione)					CHC 24 CHC 24 L	
con 2 leve (per custodie mobili con 4 piolini) con 1 leva (per custodie mobili con 2 piolini)						CHC 24 G CHC 24 LG

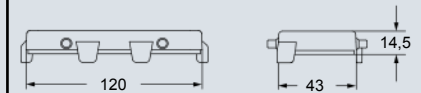
dimensioni in mm

CMV G e MMV G (MMAV G)

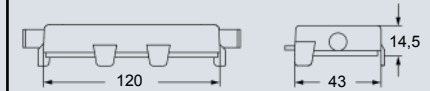


dimensioni in mm

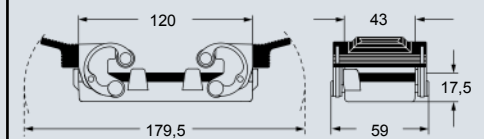
CHC



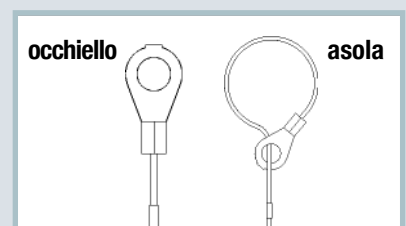
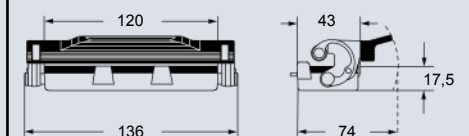
CHC L



CHC G



CHC LG



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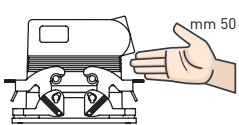

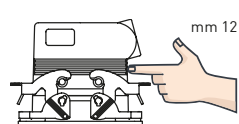
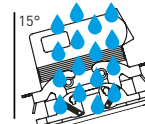
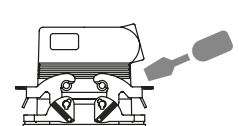

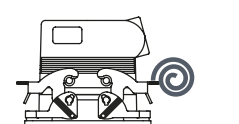
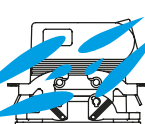
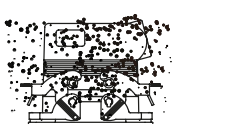
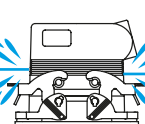
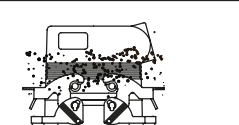
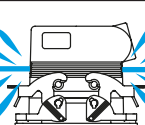
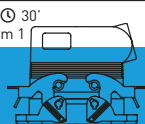
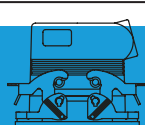
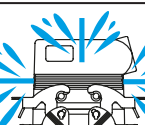


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THE DEGREE OF PROTECTION

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 against solid 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

Ø in mm	Metric thread				
	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