

CENTRAL LEVER series

Easy access for robotics

Series specifically designed for industrial applications with limited installation space.

These enclosures can be installed, placed side-by-side and handled in a single operation.

Furthermore, the lever's shape reduces the effort required to uncouple the inner fittings.

SUM-UP OF MATERIALS USED FOR CH..YC, CA..YC and MA..YC, CA..YX and MF..YX series

- ☐ **Made of die cast aluminium alloy**
- ☐ **With epoxy-polyester powder coating**
- ☐ **Gaskets in anti-aging, oil-resistant, grease-resistant and fuel-resistant vinyl nitrile elastomer**
- ☐ **Locking device with single stainless steel lever**





CH - CA and MA CENTRAL LEVER

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
CSS	10 poles + ⊕	149
CT, CTSE (16A) *)	10 poles + ⊕	161
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

*) can be used only in bulkhead mounting housings

bulkhead mounting housings for central lever

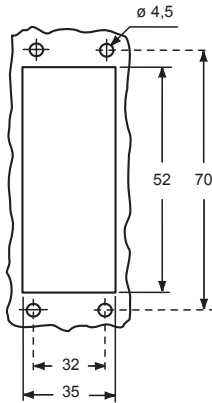


surface mounting housings, with two entries for central lever



description	part No.	part No.	entry Pg	part No.	entry M
bulkhead mounting with pegs	CHI 06 YC				
surface mounting, high construction, with pegs		CAP 06 YC229	29x2	MAP 06 YC232	32x2

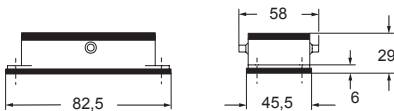
panel cut-out for bulkhead mounting housings



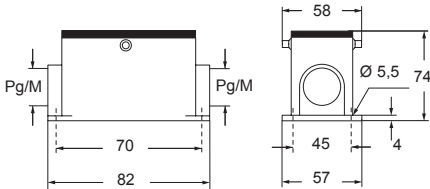
☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of ±5° on the long side, ±2° on the short side.

CHI YC



CAP YC and MAP YC



CALUS Type 4/4X/12



CA and MA CENTRAL LEVER

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
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

hoods with central lever



hoods with central lever

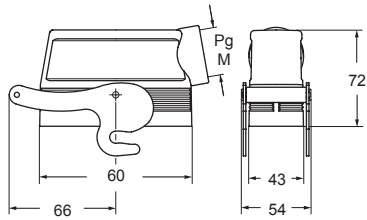


description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 06 YX21	21	MAO 06 YX25	25				
side entry, high construction	CAO 06 YX29	29	MAO 06 YX32	32				
top entry, high construction					CAV 06 YX21	21	MAV 06 YX25	25
top entry, high construction					CAV 06 YX29	29	MAV 06 YX32	32

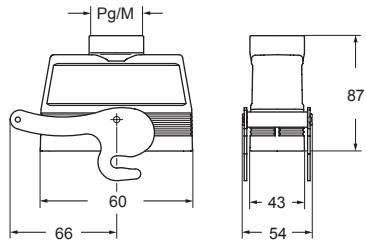
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CAO..YX and MAO..YX



CAV..YX and MAV..YX





CA - MA and CF - MF CENTRAL LEVER

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
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

hoods for central lever



hoods for central lever



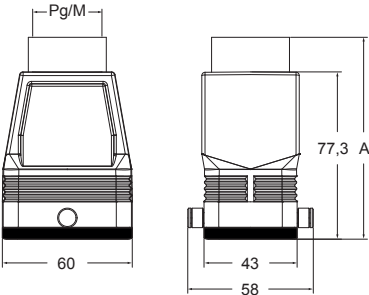
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 06 GYC21	21	MAV 06 GYC25	25				
with pegs, top entry, high construction	CAV 06 GYC29	29	MAV 06 GYC32	32				
with pegs, top entry, high construction			MAV 06 GYC40	40				
with pegs, top entry, high construction, without adapter ¹⁾					CFV 06 GYC21	21	MFV 06 GYC25	25
with pegs, top entry, high construction, without adapter ¹⁾					CFV 06 GYC29	29	MFV 06 GYC32	32
with pegs, top entry, high construction, without adapter ¹⁾							MFV 06 GYC40	40

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

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

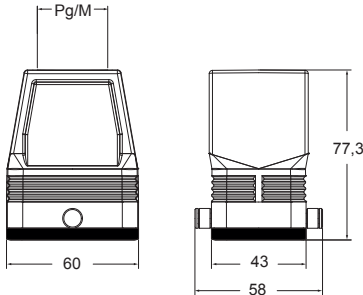
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CAV..GYC and MAV..GYC



part No.	A
CAV 06 GYC21	92,3
CAV 06 GYC29	93,8
MAV 06 GYC25	92,3
MAV 06 GYC32	93,3
MAV 06 GYC40	96,3

CFV..GYC and MFV..GYC



CAUS[®] Type 4/4X/12



CH - CA and MA CENTRAL LEVER

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
for central leversurface mounting housings,
with two entries, for central lever

description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs

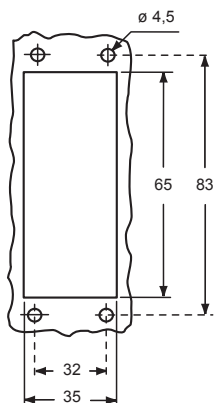
CHI 10 YC

surface mounting, high construction, with pegs

CAP 10 YC229 29x2

MAP 10 YC232 32x2

panel cut-out for bulkhead mounting housings



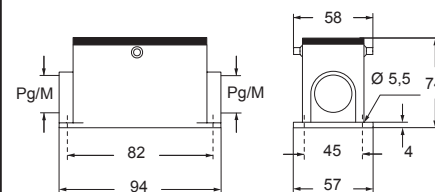
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CHI YC



CAP YC and MAP YC



CAVUS

Type
4/4X/12





CA and MA CENTRAL LEVER

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 with central lever



hoods with central lever

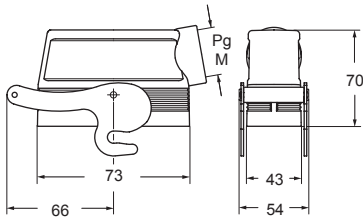


description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 10 YX21	21	MAO 10 YX32	32				
side entry, high construction	CAO 10 YX29	29	MAO 10 YX40	40				
top entry, high construction					CAV 10 YX21	21	MAV 10 YX32	32
top entry, high construction					CAV 10 YX29	29	MAV 10 YX40	40

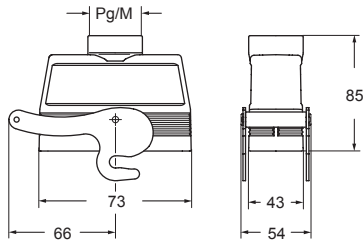
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CAO..YX and MAO..YX



CAV..YX and MAV..YX



CAUS® Type 4/4X/12



CA - MA and CF - MF CENTRAL LEVER

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 for central lever



hoods for central lever



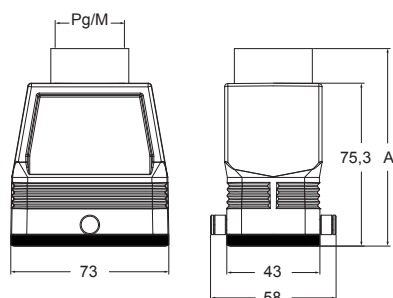
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 10 GYC21	21	MAV 10 GYC25	25				
with pegs, top entry, high construction	CAV 10 GYC29	29	MAV 10 GYC32	32				
with pegs, top entry, high construction			MAV 10 GYC40	40				
with pegs, top entry, high construction, without adapter ¹⁾					CFV 10 GYC21	21	MFV 10 GYC25	25
with pegs, top entry, high construction, without adapter ¹⁾					CFV 10 GYC29	29	MFV 10 GYC32	32
with pegs, top entry, high construction, without adapter ¹⁾							MFV 10 GYC40	40

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

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

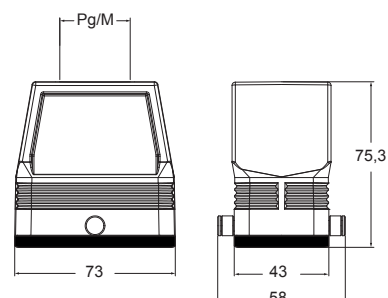
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CAV..GYC and MAV GYC



part No.	A
CAV 10 GYC21	90,3
CAV 10 GYC29	91,8
MAV 10 GYC25	90,3
MAV 10 GYC32	91,3
MAV 10 GYC40	94,3

CFV..GYC and MFV..GYC



CAV[®]US Type 4/4X/12





CH - CA and MA CENTRAL LEVER

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 for central lever



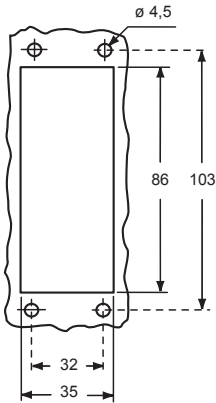
surface mounting housings, with two entries for central lever



description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs	CHI 16 YC				
surface mounting, high construction, with pegs		CAP 16 YC229	29x2	MAP 16 YC232	32x2

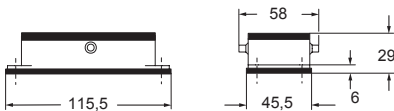
panel cut-out for bulkhead mounting housings



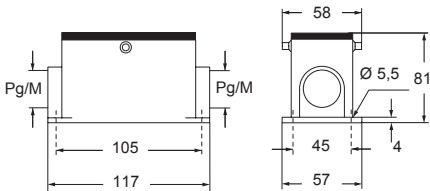
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CHI YC



CAP YC and MAP YC



CAUS[®] Type 4/4X/12



CA and MA CENTRAL LEVER

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 with central lever



hoods with central lever

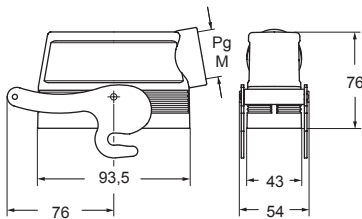


description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 16 YX21	21	MAO 16 YX32	32				
side entry, high construction	CAO 16 YX29	29	MAO 16 YX40	40				
top entry, high construction					CAV 16 YX21	21	MAV 16 YX32	32
top entry, high construction					CAV 16 YX29	29	MAV 16 YX40	40

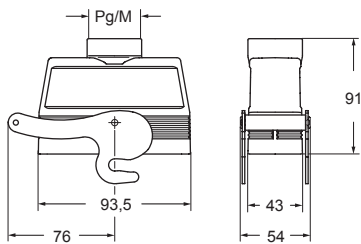
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CAO..YX and MAO..YX



CAV..YX and MAV..YX





CA - MA and CF - MF CENTRAL LEVER

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 for central lever



hoods for central lever



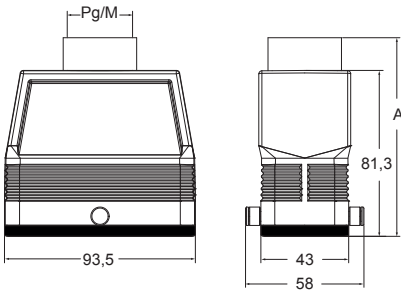
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 16 GYC21	21	MAV 16 GYC25	25				
with pegs, top entry, high construction	CAV 16 GYC29	29	MAV 16 GYC32	32				
with pegs, top entry, high construction			MAV 16 GYC40	40				
with pegs, top entry, high construction, without adapter ¹⁾					CFV 16 GYC21	21	MFV 16 GYC25	25
with pegs, top entry, high construction, without adapter ¹⁾					CFV 16 GYC29	29	MFV 16 GYC32	32
with pegs, top entry, high construction, without adapter ¹⁾							MFV 16 GYC40	40

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

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

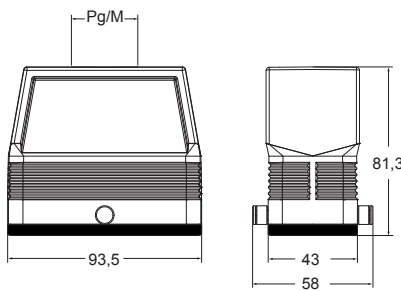
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CAV..GYC and MAV..GYC



part No.	A
CAV 16 GYC21	96,3
CAV 16 GYC29	97,8
MAV 16 GYC25	96,3
MAV 16 GYC32	97,6
MAV 16 GYC40	100,3

CFV..GYC and MFV..GYC



CAUS Type 4/4X/12



CH - CA and MA CENTRAL LEVER

inserts

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

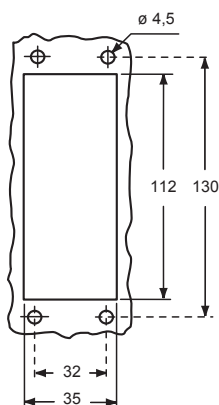
*) can be used only in bulkhead mounting housings

page:

bulkhead mounting housings
for central leversurface mounting housings,
with two entries, for central lever

description	part No.	part No.	entry Pg	part No.	entry M
bulkhead mounting with pegs	CHI 24 YC				
surface mounting, high construction, with pegs		CAP 24 YC229	29x2	MAP 24 YC232	32x2

panel cut-out for bulkhead mounting housings



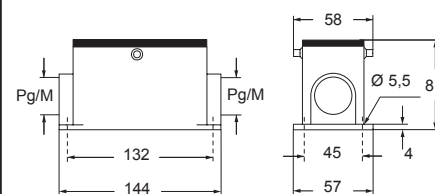
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CHI YC



CAP YC and MAP YC



CAUS

Type
4/4X/12





CA and MA - CI and MI **CENTRAL LEVER**

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 with central lever



inclined hoods with central lever

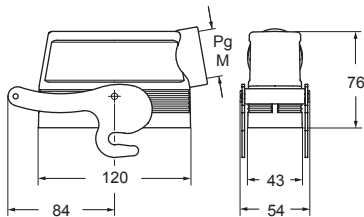


description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 24 YX21	21	MAO 24 YX32	32				
side entry, high construction	CAO 24 YX29	29	MAO 24 YX40	40				
top entry, high construction	CAV 24 YX21	21	MAV 24 YX32	32				
top entry, high construction	CAV 24 YX29	29	MAV 24 YX40	40				
side entry, high construction							MIO 24 YX40	40
side entry, high construction					CIO 24 YX36	36	MIO 24 YX50	50
top entry, high construction							MIV 24 YX40	40
top entry, high construction					CIV 24 YX36	36	MIV 24 YX50	50

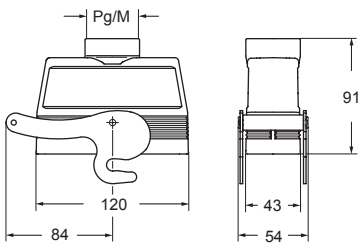
Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of ±5° on the long side, ±2° on the short side.

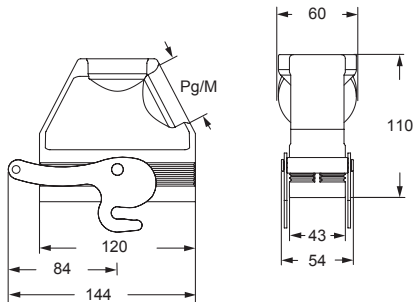
CAO..YX and MAO..YX



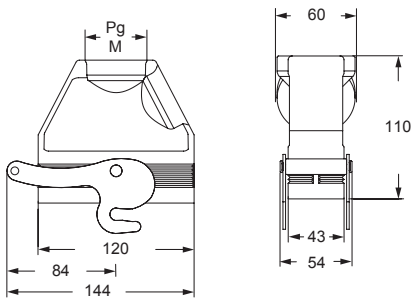
CAV..YX and MAV..YX



CIO..YX and MIO..YX



CIV..YX and MIV..YX



CA - MA and CF - MF CENTRAL LEVER

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 for central lever



hoods for central lever



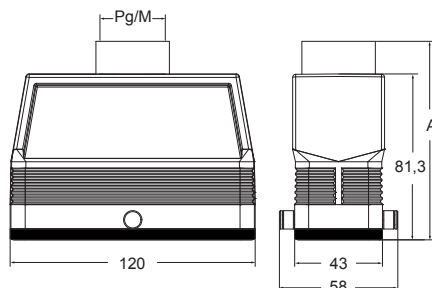
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 24 GYC21	21	MAV 24 GYC25	25				
with pegs, top entry, high construction	CAV 24 GYC29	29	MAV 24 GYC32	32				
with pegs, top entry, high construction			MAV 24 GYC40	40				
with pegs, top entry, high construction, without adapter ¹⁾					CFV 24 GYC21	21	MFV 24 GYC25	25
with pegs, top entry, high construction, without adapter ¹⁾					CFV 24 GYC29	29	MFV 24 GYC32	32
with pegs, top entry, high construction, without adapter ¹⁾							MFV 24 GYC40	40

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

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

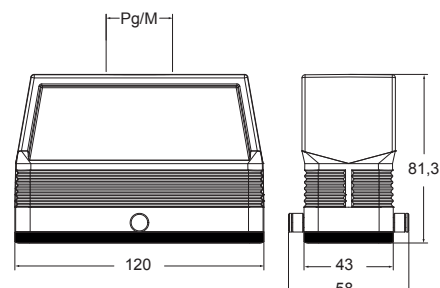
Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of $\pm 5^\circ$ on the long side, $\pm 2^\circ$ on the short side.

CAV..GYC and MAV..GYC



part No.	A
CAV 24 GYC21	96,3
CAV 24 GYC29	97,8
MAV 24 GYC25	96,3
MAV 24 GYC32	97,6
MAV 24 GYC40	100,3

CFV..GYC and MFV..GYC



CAUS Type 4/4X/12



Locking device for single stainless steel central locking lever

- **locking device**, made in **stainless steel**, with **proprietary design**, that can be easily placed on the side of the central lever of a “104.27” hood in order to lock the opening movement of the locking lever, thus avoiding any unwanted and potentially hazardous accidental opening of the connector coupling under working condition;
- **possibility to apply, optionally, a padlock** (**CR BLC622**, separately available, 6 mm shackle diameter, 22 mm arc clearance) with **anti-tamper function**, to secure the locking against any unauthorized attempt to open the locking lever and disconnect the connector coupling;
- **two versions available:**
 - with eyelet cord end, **CR YLK24** (see page 667) for the fastening to a housing of a central lever coupling when not in use;



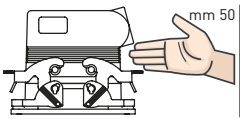
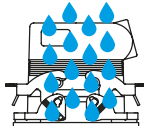
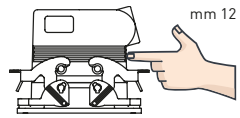
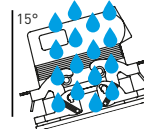
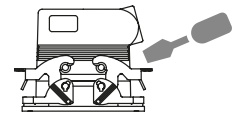
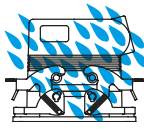
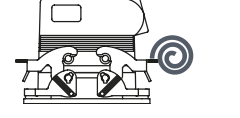
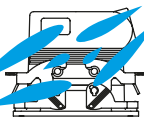
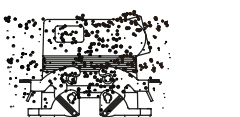
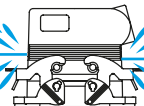
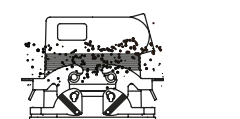
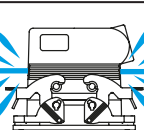
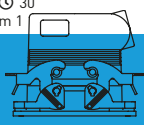
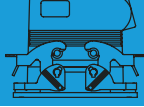
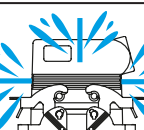
with “loop” cord end, **CR YLK24 SL** (see page 667) for the fastening to a hood when not in use (around the incoming cable).



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)
RATING EXAMPLE IP 65			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

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				
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