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

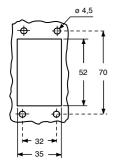


surface mounting housings with stainless steel single lever



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



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).

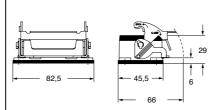
Hoods (page 389)

Hoods (pages 466-467)





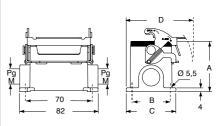
C7I L



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 L - C7AP L and M7P L - M7AP L



type	Α	В	С	D
C7P/M7P 06 L	53	40	52	70
C7AP/M7AP 06 L	74	45	57	72.5

# Type 4/4X/12



insulating cable gland or fittings without gasket





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

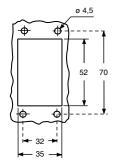


surface mounting housings with stainless steel single lever and metal cover



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" with lever and cover, size "44.27" with lever and cover, high construction, size "44.27"		M7P 06 LS20 M7P 06 LS220 M7AP 06 LS32 M7AP 06LS232 M7AP 06 LS40 M7AP 06LS240	20 x 2 32 32 x 2 40

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).

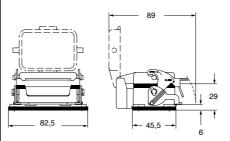
#### Hoods (page 389)







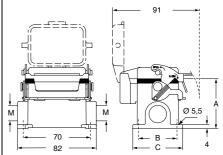
#### C7I LS



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



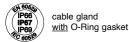
type	Α	В	С
M7P 06 LS	53	40	52
M7AP 06 LS	74	45	57

# c**FL**®us

Type 4/4X/12



insulating cable gland or fittings without gasket



C7I

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

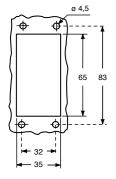


surface mounting housings with 2 levers in stainless steel



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



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).

Hoods (page 395)

Hoods (pages 468-469)

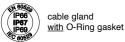


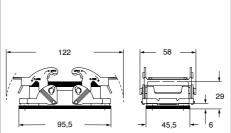






insulating cable gland or fittings without gasket

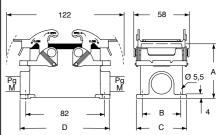




For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the 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.

C/P -	C/AP	and M7P	- M/AP



type	Α	В	С	D
C7P/M7P 10	57	40	52	93,5
C7AP/M7AP 10	74	45	57	94

C7I



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, 6/3	6 and 12/2 poles + ⊕	197 - 199
CX 4	1/0 and 4/2 poles + ⊕	200 - 201
MIXO	4 modules	262 - 317

\*) can be used only in bulkhead mounting

bulkhead mounting housings with 2 levers in stainless steel

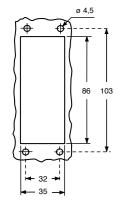


surface mounting housings with 2 levers in stainless steel



3-	•	•			
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



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).

Hoods (page 404)

Hoods (pages 470-471)

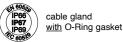


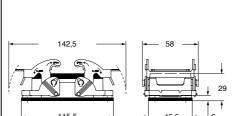


Type 4/4X/12



insulating cable gland or fittings without gasket

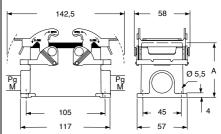




For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the 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	Α
C7P/M7P 16	63
C7AP/M7AP 16	81

## 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
	6 and 12/2 poles + ⊕	197 - 199
CX 4	I/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

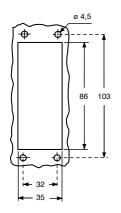


description part No. part No. entry

with levers, cover and gasket, size "77.27"

with levers and cover, high construction, size "77.27" with levers and cover, high construction, size "77.27"

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).

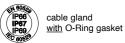
Hoods (page 404)

Hoods (pages 470-471)



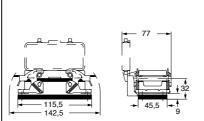


insulating cable gland or fittings without gasket



C7I S

C7I 16 S



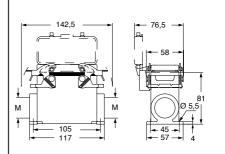
For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the 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

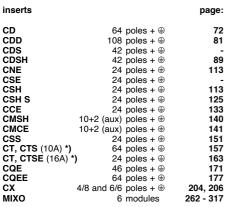
M7AP 16 S32

M7AP 16 S232



32 x 2





\*) can be used only in bulkhead mounting housings

bulkhead mounting housings with 2 levers in stainless steel

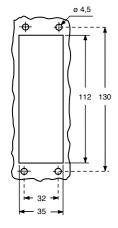


surface mounting housings with 2 levers in stainless steel



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).

Hoods (page 414)

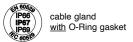
Hoods (pages 472-473)



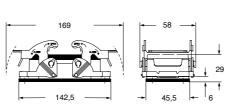




insulating cable gland or fittings without gasket



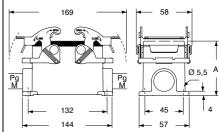
C7I



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

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	Α
C7P/M7P 24	63
C7AP/M7AP 24	81

#### 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



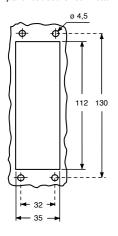
32 x 2

description	part No.	part No.	entry
			М

with levers, cover and gasket, size "104.27"

with levers and cover, high construction, size "104.27" with levers and cover, high construction, size "104.27"

panel cut-out for bulkhead mounting housings



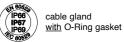
The lever, due to the vertical closing movement, offers an IP66/IP67/IP69 degree of protection (according to EN 60529) when fitted with a complete and coupled connector and used with ILME standard hoods in die cast aluminum with pegs (without adapter).

Hoods (page 414) Hoods (page 472 - 473)

Type 4/4X/12

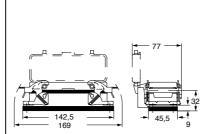


insulating cable gland or fittings without gasket



C7I S

C7I 24 S



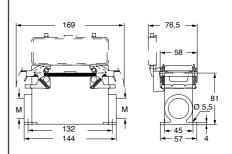
For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use suitable length M4 screws (negligible surface buckling when subjected to tightening couple on the fixing screws of 0,8 - 1,2 Nm or deformation caused by the weight of the 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

M7AP 24 S32

M7AP 24 S232

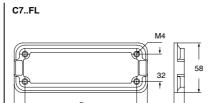




# counterflanges for bulkhead mounting housings



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



type	Α	В
C7 06 FL	95	70
C7 10 FL	108	83
C7 16 FL	128	103
C7 24 FI	155	130



# CZ7 - MZ7 Rigid coupling

Enclosures with rigid stainless steel lever to assure an IP66/IP67/IP69 dust and watertight seal.





#### **SUM-UP**

- □ C7 series: V-TYPE stainless steel locking lever, vertical closing
- ☐ Sizes 44.27, 57.27, 77.27, 104.27
- □ With and without hinged cover (except size 57.27)
- □ Bulkhead or surface mounting
- □ Recommended in case of vibrations or heavy weight of cables
- ☐ CZ7 series: stainless steel locking lever, rigid
- ☐ Sizes 49.16, 66.16
- $\square$  With and without hinged cover
- □ Bulkhead or surface mounting
- □ Recommended in case of vibrations or heavy weight of cables.
- IP66/IP69, IP66/IP67/IP69 degrees of protection according to model.

#### Characteristics of materials for CZ and MZ series

- Made of die cast aluminium alloy;
- with epoxy-polyester thermosetting powder coating;
- gaskets in anti-aging, oil-resistant, grease-resistant and fuel-resistant vinyl nitrile elastomer;
- locking device integrally in stainless steel;
- ambient temperature range: -40 °C / +125 °C.

## CZ7 - MZ7 standard version RIGID LEVER

inserts		page:
CD CDA CSAH CDC MIXO	15 poles + ⊕ 10 poles + ⊕ 10 poles + ⊕ 10 poles + ⊕ 1 module	68 98 99 104 264 - 316

# bulkhead mounting housings with single lever



# surface mounting housings with single lever

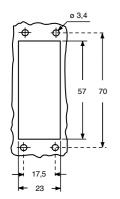


#### **STAINLESS STEEL LEVER**

#### **☞** STAINLESS STEEL LEVER

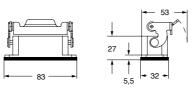
description	part No.	part No.	entry M
with single lever	CZ7I 15 L		
with single lever and cover	CZ7I 15 LS		
with single lever with single lever		MZ7P 15 L25 MZ7P 15 L225	25 25 x 2
with single lever and cover with single lever and cover		MZ7P 15 LS25 MZ7P 15LS225	25 25 x 2

panel cut-out for bulkhead mounting housings

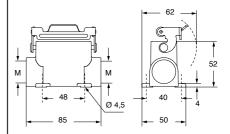




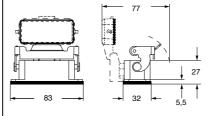
CZ7I L



MZ7P L



CZ7I LS



The rigid lever 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).



Type 4/4X/12



insulating cable gland or fittings without gasket

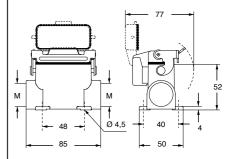


cable gland with O-Ring gasket IP67 if coupled with IP67 hood or cover

For bulkhead mounting housings, IP66/IP67/IP69 degree of protection is guaranteed for mounting on a sufficiently rigid panel; use M3 screws of suitable length (negligible surface buckling when subjected to tightening torque on the fixing screws of 0,9 - 1 Nm or to deformation caused by the weight of the complete connector).

In addition, the panel surface in contact with the flange gasket of the bulkhead mounting housings must be free from defects (deep scratches, grooves, burrs) that could negatively affect the performance of the gasket.

## MZ7P LS



## CZ7 - MZ7 standard version RIGID LEVER





# bulkhead mounting housings with single lever



# surface mounting housings with single lever

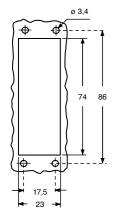


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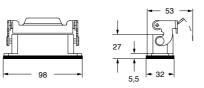
description	part No.	part No.	entry M
with single lever	CZ7I 25 L		
with single lever and cover	CZ7I 25 LS		
with single lever with single lever		MZ7P 25 L25 MZ7P 25 L225	25 25 x 2
with single lever and cover with single lever and cover		MZ7P 25 LS25 MZ7P 25LS225	25 25 x 2

panel cut-out for bulkhead mounting housings

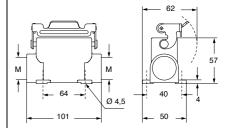




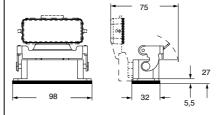
CZ7I L



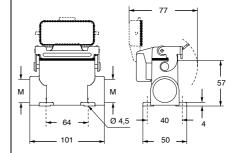
MZ7P L



CZ7I LS



MZ7P LS



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Type 4/4X/12



insulating cable gland or fittings without gasket



cable gland with O-Ring gasket IP67 if coupled with IP67 hood or cover

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