

ENCLOSURES with THREADED PORTHOLE for MEASURING and CONTROL DEVICES and SYSTEMS

series
CPL

Protection	Gas	Zone	1-2	II2G	Ex d IIC T6÷T4 Gb
	Dust		21-22	II2D	Ex tb IIIC T85°C÷T135°C Db

Degree of Protection	IP66/67
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-20°C	+80°C



Entries Threading	NPT
	Metric

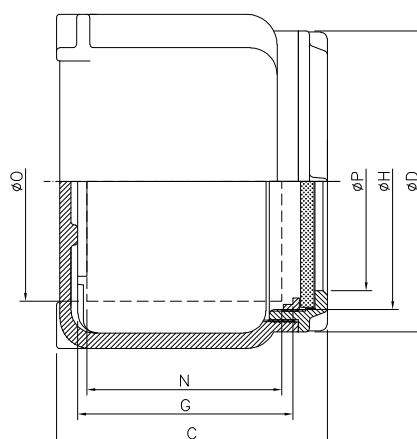
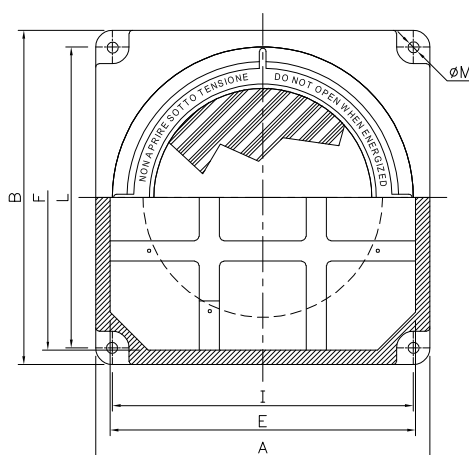
Material	Aluminum Light Alloy
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Painting	external epoxy RAL 7000
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Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079 - 0 • EN 60079 - 1 EN 60079 - 11 • EN 60079 - 31
	CE IMQ 10 ATEX 003
	U IMQ 10 ATEX 004U

- Ideal to interconnect the wires and to accommodate a vast variety of equipment and instruments.
- Internal anti-condense painting RAL 2004.
- Certificated either for the version complete with electrical apparatus or empty as an Ex component.

Options	- Various RAL paints	- Accessories see page B28	- External units (signaling units, pushbuttons, etc.)
	- Anti-corrosion technology: ALUMINOX	- Apparatus to be housed: see page B30.	



NOTES

For enclosure cable entries layout see page B27.

For internal apparatus mounting plates see page B28.

For maximum dissipable power see page B29.

In presence of Intrinsically Safe apparatus see guidelines on page B30.

Type	Size	External Dimensions (mm)				Internal Dimensions (mm)				Mounting Template (mm)			Electrical apparatus (mm)		Opening	Peso (kg)
		A	B	C	ØD	E	F	G	ØH	I	L	M	N	ØO		
CPL	0	150	150	110	130	128	128	74	103	130P	130	7	60	98	82	3.1
CPL	1	165	165	120	145	143	143	82	118	145	145	7	70	110	96	4.1
CPL	2	190	190	150	166	164	164	106	135	168	168	9	85	128	115	5.6
CPL	3	230	230	170	200	204	204	117	163	208	208	9	102	152	140	8.6
CPL	4	270	270	205	240	242	242	147	203	245	245	11	115	190	165	12.8
CPL	5	300	300	245	270	272	272	180	230	270	270	11	143	215	195	15.8
CPL	6	380	380	280	350	350	350	192	328	345	345	12	150	310	254	26.0

Example: CPL 2 - Mod.KIU2

Order Coding

Type

CPL

Size

2

Type of apparatus housed within the enclosure

K = non I.S. electrical apparatus

KI = presence of I.S. electrical apparatus

Presence of control and/or signalling units

U

Units Size

1: up to 1/2" - M20

2: up to 3/4" - M25

3: up to 1"

ENCLOSURES with THREADED PORTHOLE and EXTENSION for MEASURING and CONTROL DEVICES and SYSTEMS

series
CPL

Protection	Gas	Zone	1-2	II2G	Ex d IIC T6÷T4 Gb
	Dust		21-22	II2D	Ex tb IIC T85°C÷T135°C Db

Degree of Protection	IP66/67
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-20°C	+80°C



Entries Threading	NPT
	Metric

Material	Aluminum Light Alloy
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Painting	external epoxy RAL 7000
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Standards and Certificates



Directive 2014/34/EU (ATEX)

EN 60079 - 0 • EN 60079 - 1
EN 60079 - 11 • EN 60079 - 31

CE IMQ 10 ATEX 003

U IMQ 10 ATEX 004U

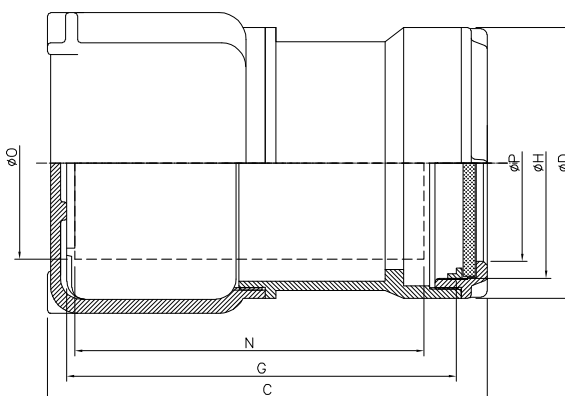
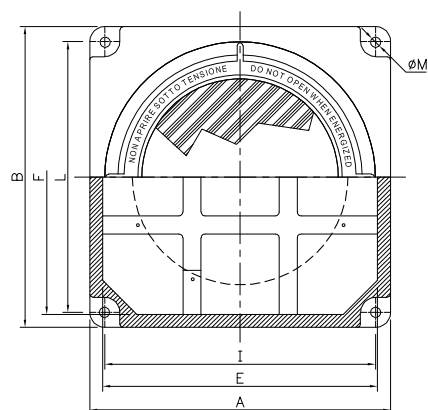
- Ideal to interconnect the wires and to accommodate a vast variety of equipment and instruments.
- Internal anti-condense painting RAL 2004.
- Standard or extended depth by adding one of the extensions (short or long) to accommodate larger instruments.
- Certificated either for the version complete with electrical apparatus or empty as an Ex component.

Options

- Various RAL paints
- Anti-corrosion technology: ALUMINOX

- Accessories see page B28
- Apparatus to be housed: see page B30.

- External units (signaling units, pushbuttons, etc.)



NOTES

(°) Data refer to enclosures with short extension and long extension respectively.

For enclosure cable entries layout see page B27.

For internal apparatus mounting plates see page B28.

For maximum dissipable power see page B29.

In presence of Intrinsically Safe apparatus see guidelines on page B30.

Type	Size	External Dimensions (mm)				Internal Dimensions (mm)				Mounting Template (mm)			Electrical Apparatus (mm)		Opening	Weight (kg)
		A	B	C (°)	ØD	E	F	G (°)	ØH	I	L	M	N (°)	ØO	ØP	
CPL	0	150	150	172 - 202	130	130	130	136 - 166	103	130	130	7	122 - 152	98	82	3.4 - 3.7
CPL	1	165	165	180 - 220	145	145	145	142 - 182	118	145	145	7	129 - 169	110	96	4.4 - 4.8
CPL	2	190	190	243 - 293	166	166	166	199 - 249	135	168	168	9	178 - 228	128	115	7.0 - 7.3
CPL	3	230	230	259 - 334	200	206	206	206 - 281	163	208	208	9	191 - 266	152	140	10.7 - 11.6
CPL	4	270	270	308 - 383	240	244	244	250 - 325	203	245	245	11	218 - 293	190	165	15.8 - 17.2
CPL	5	300	300	358 - 448	270	274	274	293 - 383	228	270	270	11	256 - 346	215	195	19.5 - 21.4

Esempio: CPL 4/325 - Mod.KU2

Order Coding

Type
CPL

Size
4

Internal depth G (with extension only)
325

Type of apparatus housed within the enclosure
K = non I.S. electrical apparatus
KI = presence of I.S. electrical apparatus

Presence of control and/or signalling units
U

Units Size
1: up to 1/2" - M20
2: up to 3/4" - M25
3: up to 1"

