

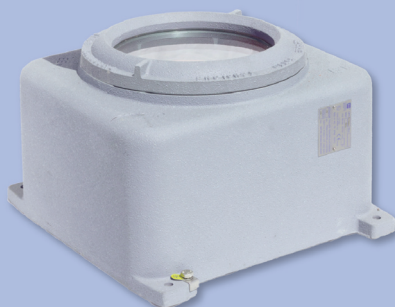
ENCLOSURES with THREADED PORTHOLE for MEASURING and CONTROL DEVICES and SYSTEMS

series
CPS

Protection	Gas	Zone	1-2	II2G	Ex db 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	-50°C	+80°C



Entries Threading	NPT
	Metric

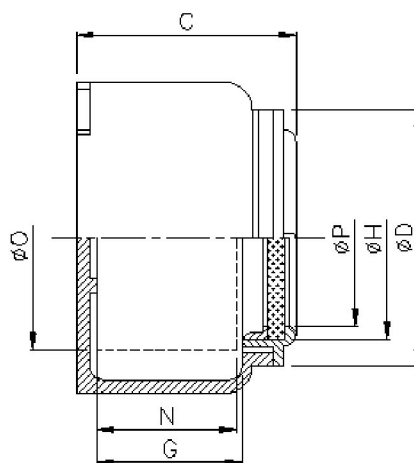
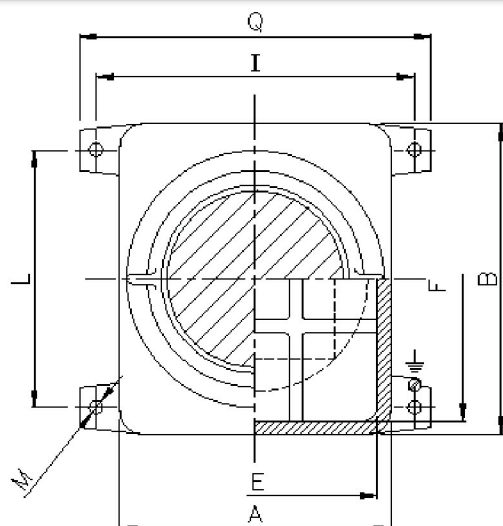
Material	Aluminum Light Alloy
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Painting	external epoxy RAL 7000
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Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079 - 0 • EN 60079 - 1 EN 60079 - 11 • EN 60079 - 31
	CE BVI 14 ATEX 0007
	U BVI 14 ATEX 0008U
IECEx	IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 11 • IEC 60079 - 31
	IECEx EPS 14.0017
	IECEx EPS 14.0016U

- 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 points	- Accessories see page B18	- External units (signaling units, pushbuttons, etc.)
	- Anti-corrosion technology: ALUMINOX	- Apparatus to be housed: see page B20.	



NOTES

For enclosure cable entries layout see page B17.

For internal apparatus mounting plates see page B18.

For maximum dissippable power see page B19.

In presence of Intrinsically Safe apparatus see guidelines on page B20.

Type	Size	External Dimensions (mm)					Internal Dimensions (mm)				Mounting Template (mm)			Electrical Apparatus (mm)		Opening	Weight (kg)
		A	B	C	ØD	Q	E	F	G	ØH	I	L	M	N	ØO		
CPS	0	150	150	110	130	195	122	122	59	112	175	125	8	57	105	82	3,0
CPS	1	165	165	120	145	210	137	137	69	127	190	140	8	67	120	96	3,7
CPS	2	190	190	150	166	238	160	160	91	147	215	165	8	89	140	115	5,8
CPS	3	225	255	172	200	290	193	223	108	176	260	220	10	106	170	140	10,7
CPS	4	270	305	202	240	330	238	273	132	216	300	270	10	130	205	165	14,8
CPS	5	300	340	240	270	360	264	304	157	245	330	300	10	155	235	195	21,0

Example: CPS 2 - Mod.KIU2

Order Coding

Type	Size	Type of apparatus housed in the enclosure	Presence of control and/or signalling unit	Units Size	
CPS	2			K = Electrical apparatus non I.S	1: up to 1/2" - M20
				KI = presence of I.S. electrical apparatus	2 : up to 3/4" - M25
				3: up to 1"	

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

series
CPS

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

Grade of Protection	IP66/67
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-50°C	+80°C



Entries Threading	NPT
	Metric

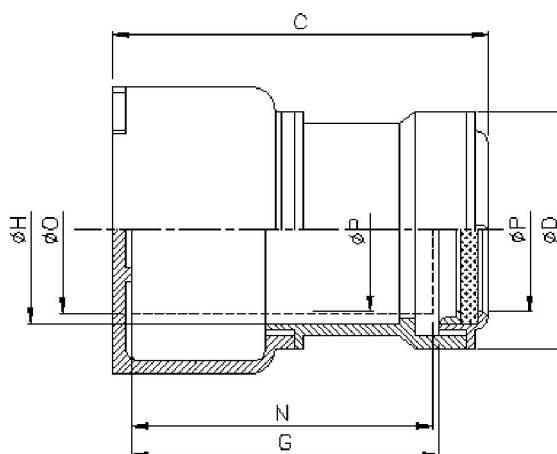
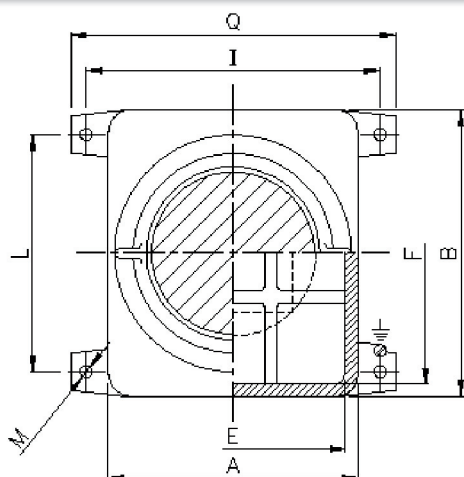
Material	Aluminum Light Alloy
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Painting	external epoxy RAL 7000
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Standards and Certificates	Directive 2014/34/EU (ATEX) EN 60079 - 0 • EN 60079 - 1 EN 60079 - 11 • EN 60079 - 31 CE BVI 14 ATEX 0007 U BVI 14 ATEX 0008U IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 11 • IEC 60079 - 31 IECEx EPS 14.0017 IECEx EPS 14.0016U
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- 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 B18 - Apparatus to be housed: see page B20.	- External units (signaling units, pushbuttons, etc.)
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NOTES

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

For enclosure cable entries layout see page B17.

For internal apparatus mounting plates see page B18.

For maximum dissipable power see page B19.

In presence of Intrinsically Safe apparatus see guidelines on page B20.

Type	Size	External Dimensions (mm)					Internal Dimensions (mm)					Mounting Template (mm)			Electrical Apparatus (mm)		Opening	Weight (kg) (°)
		A	B	C (°)	ØD	Q	E	F	G	ØH	I	L	M	N (°)	ØO	ØP		
CPS	0	150	150	170-200	130	195	122	122	121-151	112	175	125	8	119-149	105	82	3,3	
CPS	1	165	165	180-220	145	210	137	137	129-169	127	190	140	8	127-167	120	96	4,0	
CPS	2	190	190	243-293	166	238	160	160	183-233	147	215	165	8	181-231	140	115	7,2-7,5	
CPS	3	225	255	260-335	200	290	193	223	197-272	176	260	220	10	195-270	170	140	12,8-13,7	
CPS	4	270	305	305-380	240	330	238	273	235-310	216	300	270	10	235-307	205	165	17,8-19,2	
CPS	5	300	340	350-440	270	360	264	304	270-360	245	330	300	10	267-357	235	195	25,3-27,2	

Example: CPS 4/310 - Mod.KU2

Order Coding

Type
CPS

Size
4

Internal depth G (with extension only)
310

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"

