

ENCLOSURES with FLANGED LID

series
CCF

Protection	Gas	Zone	1-2	II2G	Ex db IIB+H2 T6÷T3 Gb
	Dust		21-22	II2D	Ex tb IIIC T85°C÷T200°C Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-50°C	+60°C



Entries Threading	NPT
	Metric

Material	Aluminum Light Alloy
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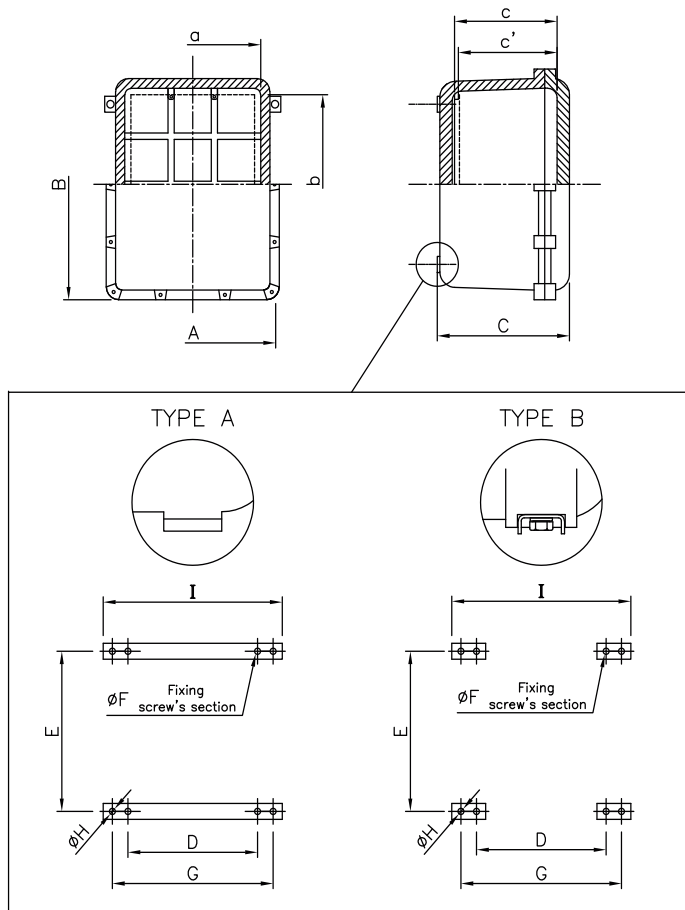
Painting	Epoxy RAL 7000
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Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079 - 0 • EN 60079 - 1 EN 60079 - 11 • EN 60079 - 31
	CE INERIS 14 ATEX 0008X
	U INERIS 14 ATEX 9005U
IECEx	IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 11 • IEC 60079 - 31
	IECEx INE 13.0065X
	IECEx INE 14.0056U

- Ideal to interconnect the wires and to accommodate a vast variety of equipment and instruments.
- Certificated either for the version complete with electrical apparatus or empty as an Ex component.
- Internal anti-condense painting RAL 2004.
- External screws in Stainless Steel.
- Fixing brackets (type "A") and lugs (type "B") in zinc plated steel.
- More information on first page (B31).

Options	- Various paints RAL.	- Mounting of external units (lights, push buttons etc.) see page B38.	- Apparatus to be housed inside the box see page B48.
	- Fixing brackets/lugs in stainless steel.	- Accessories see page B45.	
	- Anti-corrosion technology: ALUMINOX.		

Principal Dimensions (mm) and Installation Bracket Details



NOTES

The degree of protection IP66 is ensured by restoring the grease layer on the plane joint and by the presence and integrity of its specific gasket.

For models CCF 16... minimum ambient temperature is -40°C.

For enclosure cable entries layout see page B35.

For internal apparatus mounting plates see page B45.

For max dissippable power see page B46.

In presence of I.S. apparatus see guidelines on page. B48.

The diagram is referred to the dimensions indicated on page B34

ENCLOSURES with FLANGED LID MOST SIGNIFICANT DIMENSIONS

series
CCF

Order Code	Ext. Dimensions(mm)			Int. Dimensions(mm)				Mounting Template (mm)							Weight (kg)	Closing screws	Tightening torque (Nm)
	A	B	C	a	b	c	c'	Tipo (°)	D	E	F	G	H	I			
CCF 0G	150	150	127	93	93	96	94	A	104	60	M6	140	7	160	3.2	M6	11
CCF 1G	150	200	127	93	143	97	95	A	104	110	M6	140	7	160	4.1		
CCF 1AG	150	200	145	93	143	115	113	A	104	110	M6	140	7	160	4.3		
CCF 2G	200	250	150	140	190	118	116	A	154	160	M6	190	7	210	6.8		
CCF 3G	250	300	150	175	225	111	108	A	185	180	M6	230	9	255	10.6	M8	25
CCF 3AG	250	300	200	175	225	161	158	A	185	180	M6	230	9	255	11.9		
CCF 4G	250	350	150	175	275	110	108	A	185	230	M6	230	9	255	12.0		
CCF 4AG	250	350	200	175	275	163	160	A	185	230	M6	230	9	255	13.3		
CCF 5G	300	400	200	218	318	163	160	A	225	275	M8	275	9	300	18.0		
CCF 5AG	300	400	255	218	318	213	211	A	225	275	M8	275	9	300	20.0		
CCF 6G	300	450	200	218	368	162	160	A	225	325	M8	275	9	300	20.0	M10	48
CCF 6AG	300	450	250	218	368	213	211	A	225	325	M8	275	9	300	22.5		
CCF 7G	400	500	200	305	405	148	145	B	315	350	M8	370	9	400	31.0		
CCF 7AG	400	500	250	305	405	200	197	B	315	350	M8	370	9	400	34.0		
CCF 8G	350	550	200	255	455	153	148	A	265	400	M10	320	11	350	31.0		
CCF 8AG	350	550	250	255	455	202	199	A	265	400	M10	320	11	350	34.0		
CCF 9G	400	600	200	300	500	145	142	A	315	450	M10	370	11	400	38.0		
CCF 9AG	400	600	250	300	500	198	195	A	315	450	M10	370	11	400	43.0		
CCF 10G	450	650	200	330	548	148	144	B	360	500	M10	420	11	450	49.0		
CCF 10AG	450	650	250	330	548	195	191	B	360	500	M10	420	11	450	55.0		
CCF 10BG	450	650	300	330	548	248	244	B	360	500	M10	420	11	450	61.5	M12	85
CCF 11G	500	700	250	370	580	183	180	B	395	520	M12	465	13	500	68.0		
CCF 11AG	500	700	300	370	580	234	231	B	395	520	M12	465	13	500	76.0		
CCF 11BG	500	700	350	370	580	283	280	B	395	520	M12	465	13	500	84.0		
CCF 12G	550	750	250	420	630	176	173	B	445	570	M12	515	13	550	82.0		
CCF 12AG	550	750	300	420	630	227	224	B	445	570	M12	515	13	550	90.0		
CCF 12BG	550	750	350	420	630	278	275	B	445	570	M12	515	13	550	98.0	M8	25
CCF 13G	200	600	140	115	515	104	102	A	135	470	M6	180	9	205	15.5		
CCF 14G	220	750	175	140	670	130	125	A	150	610	M8	200	9	225	24.0		
CCF 16G	670	920	330	550	800	245	242	A	560	650	M14	660	16	710	134.0	M14	130
CCF 16AG	670	920	390	550	800	306	303	A	560	650	M14	660	16	710	145.0		
CCF 16BG	670	920	450	550	800	362	359	A	560	650	M14	660	16	710	162.0		
CCF 20BG	450	450	465	347	347	406	403	A	360	300	M10	420	11	450	51.0	M10	48

NOTES

- Dimensions relevant to drawing on page B33.
- Weights are comprehensive of body, cover, hinges, inner panel, screws and brackets.
- (°) Details of mounting bracket on page B33.

Example: CCF 12G - Mod. KIU3

Order Coding

Type

CCF

Size

12

Degree IP

G: IP66
...: IP65

Type of electrical apparatus housed inside the enclosure

K = Non I.S. device

KI = Presence of I.S. circuits

Presence of Control and/or signalling Units

U

Unit Size

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