

DESCRIPTION



The EJB series enclosures are designed for the installation in the industrial plants with potentially hazardous atmosphere classified as Zone 1 and Zone 2 for gases and Zone 21 and Zone 22 for combustible dusts.

The EJB series enclosures are presented with 10 different size options, which allow to house various types of automation, measurement and control components.

Indoor&outdoor installation of the terminal blocks, relay and electrical devices are the typical applications. The Enclosures can be equipped with a window, where a visual inspection is needed.

SPECIFICATIONS

EXPLOSION PROTECTION DATA

Conformity	ATEX Directive ATEX2014/34/UE
Certification	ATEX IECEX Ex TR CU - in progress North American & Canadian in progress
Marking	I M2 Ex-db I Mb II 2 GD Ex-db IIB+H2 T6/T5/T4 Gb Ex-tb IIIC T85°C/100°C/135°C Db IP66 II 2(1) GD Ex-db [ia Ga] IIB+H2 T6 Gb Ex-tb [ia Da] IIIC T85°C Db IP66
Standards	IEC/EN: 60079-0 (ATEX:2013, IECEX:2011), 60079-1 (ATEX:2014, IECEX:2014), 60079-11(ATEX:2011, IECEX:2011), 60079-31 (ATEX:2014, IECEX:2013)

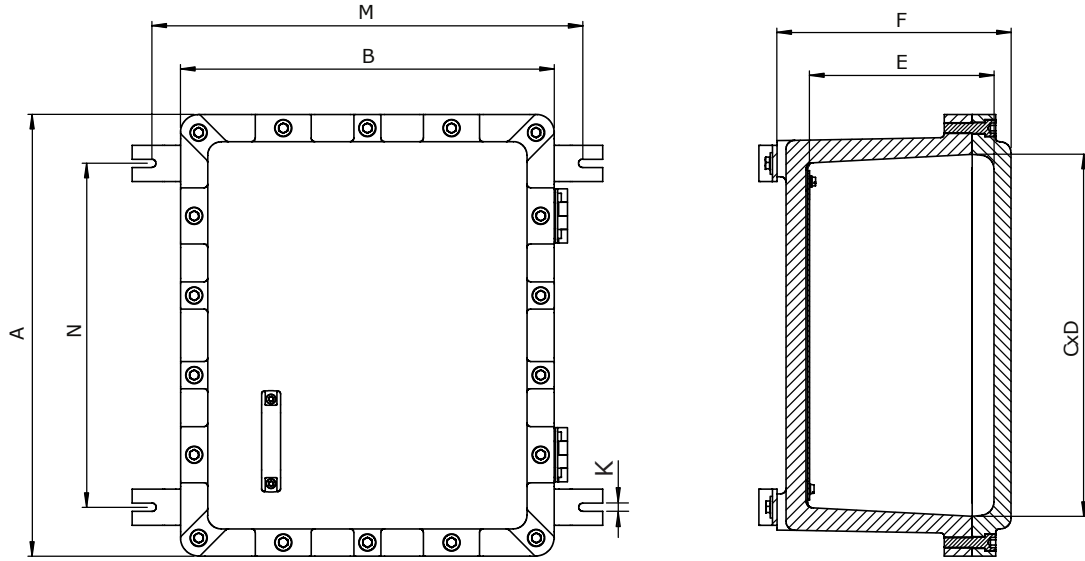
TECHNICAL DATA

Ambient Temperature	ATEX -50°C / +60°C IECEX -50°C / +60°C
Material	Copper free Aluminum Alloy (Cu<0.1%) Stainless steel AISI 304 or AISI 316L
Window Glass	Tempered Glass
IP Rating	IP66
Entries Thread	Metric ISO-262, ANSI/ASME B1.20.1 NPT, GK EN 10226-2*, G ISO-228
Screws	Stainless steel A2 quality
Surface Treatment	RAL 9022 Epoxy Painting (Standard)
Nameplate Label	Aluminium plate (For Aluminum Enclosures) Stainless Steel Plate (For Stainless Steel Enclosures)
Accessories and Special Execution: (on request)	Breathing/Drain devices Internal anti-condensation coating painting RAL 2004 Off-shore special coating painting Pushbuttons, pilot lights, mechanical operators Flame Arrestor

NOTE

1. Standard type enclosures also include stainless steel hinges, internal & external earthing screw and stainless steel internal plate.

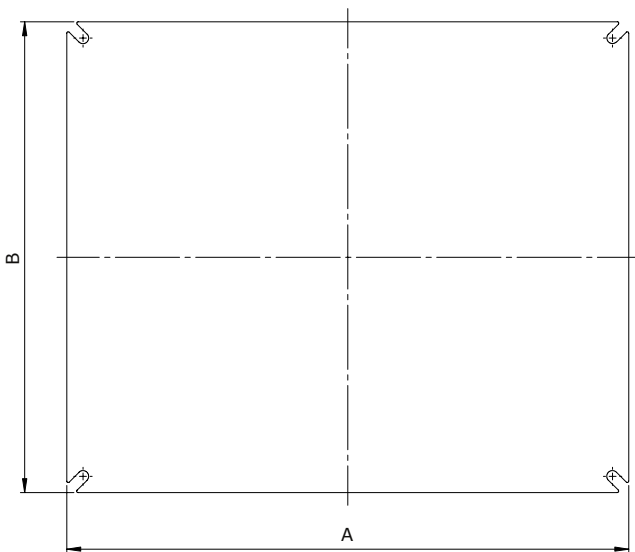
* Only for ATEX



EJB - DATA TABLE

TYPE	DIMENSIONS [mm]									APPROX. WEIGHT (ALUMINIUM) [Kg]
	A	B	C	D	E	F	M	N	K (Screw)	
EJB-01	310	250	244	184	153	200	276	235	M6	13
EJB-02	425	255	355	185	170	223	276	346	M6	20
EJB-03	485	305	413	233	198	249	376	395	M8	26,5
EJB-04	488	413	400	325	204	259	476	380	M8	40
EJB-05	540	475	444	379	212	272	476	410	M8	51,5
EJB-06	640	370	542	272	220	278	376	515	M8	46,5
EJB-07	600	510	500	410	225	288	516	470	M12	64
EJB-08	810	460	710	360	257	332	516	670	M12	90
EJB-09	840	615	724	499	339	413	656	705	M12	152
EJB-10	940	650	820	530	345	425	656	808	M12	190

Note: Dimensions can slightly differ due to casting tolerances.



EJB INTERNAL MOUNTING PLATE - DATA TABLE

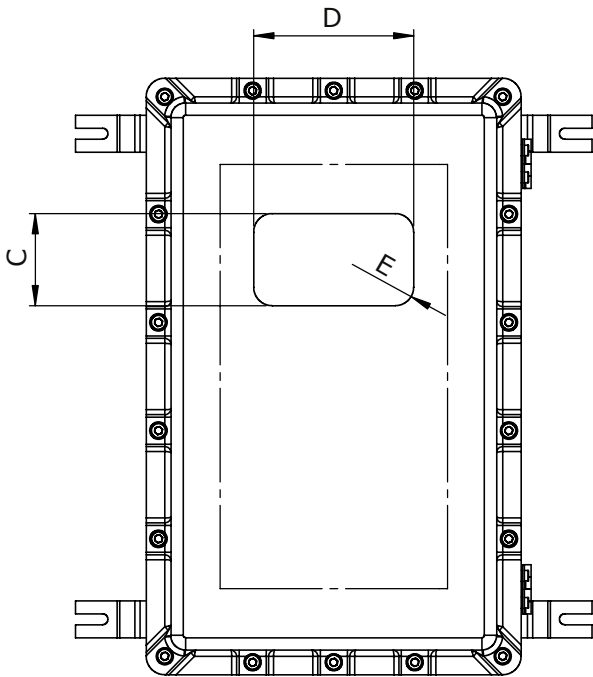
TYPE	DIMENSIONS [mm]	
	A	B
EJB 01	225	165
EJB 02	335	165
EJB 03	380	200
EJB 04	364	289
EJB 05	400	335
EJB 06	516	246
EJB 07	468	378
EJB 08	656	306
EJB 09	670	445
EJB 10	760	465

Note: 1. Thickness of the plate is 2 mm.

DESCRIPTION

The EJB W series enclosures are designed for the installation in the industrial plants with potentially hazardous atmosphere classified as Zone 1 and Zone 2 for gases and Zone 21 and Zone 22 for combustible dusts.

The EJB W series enclosures are used for electrical & electronic equipments, where a visual inspection is needed.



EJB W - WINDOW OPENING

TYPE	C [mm]	D [mm]	E [mm]
F1	40	70	R10
F2	50	200	X
F3	100	250	X
F4	75	130	X
F5	175	385	X
FS	-	-	-

Note: Please contact technical office to learn applicable windows' size for each enclosure type.