

GAS GROUP IIB + H₂

EJB.. Series - Stainless steel AISI 316 L/Galvanized Carbon Steel



EJB.. series enclosures offers Ex d IIB or IIB+H₂ mode of protection. They are suitable for hazardous areas of industrial plants for indoor and outdoor applications. They can be equipped with following components:

- Push buttons and mechanical operators PL.. Series;
- Rotating switches PSRC Series;
- Signalling lamps PL.. Series;
- Potentiometers;
- Rotating handles SRC-1 or SRC-10;
- Measurement instruments;
- Electric and electronic equipment;
- Windows made of tempered glass.

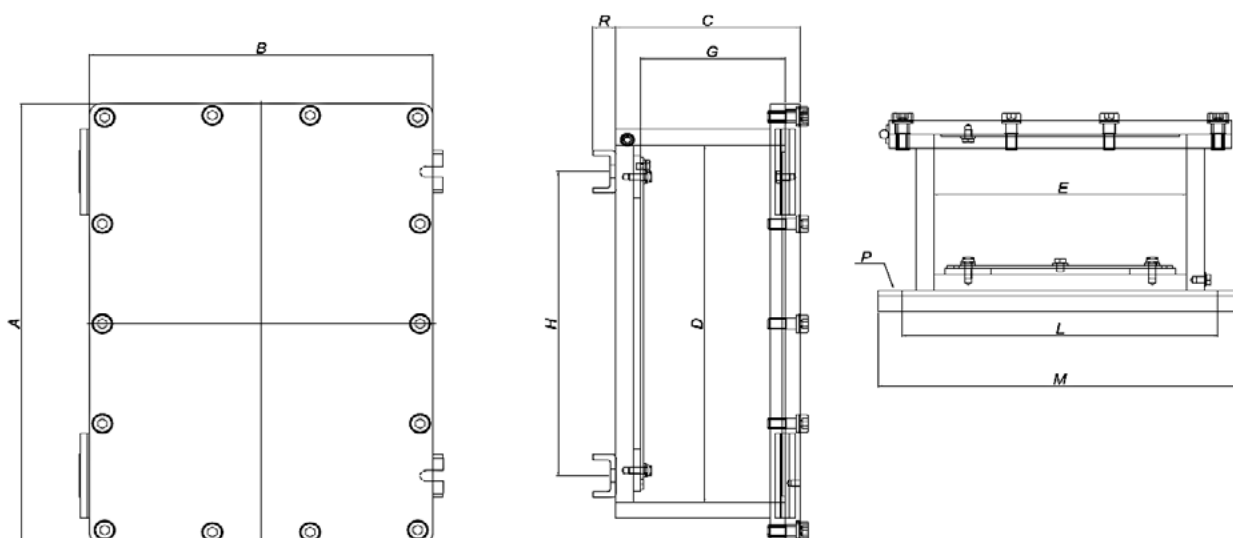
They can be used in different applications such as push button stations, instrument housing, lighting distribution panels, power distribution panels, heat tracing panels, motor protection, etc.

TECHNICAL FEATURES

Material	Stainless steel AISI 316 L or Galvanized carbon steel	
IP rating	IP65, IP66	
Ambient temp. range	-60°C to +60°C (without window)/-50°C to +60°C (with window)	
Approvals	<u>Full Conformity Certificate:</u> ATEX: INERIS 00ATEX0021X IECEx: INE 10.0015X EAC: RU C-IT.BH02.B.00588/20	<u>Component Certificate:</u> ATEX: INERIS 21 ATEX 9004U IECEx: INE 21.0006U EAC: RU C-IT.BH02.B.00588/20
Marking	<u>Full Conformity Certificate:</u> II 2 G Ex db IIB T(*) Gb or II 2 G Ex db IIB+H ₂ T(*) Gb or II 2 G Ex db ia/ib IIB T(*) Gb or II 2 G Ex db ia/ib IIB+H ₂ T(*) Gb and/or II 2 D Ex tb IIIC T(*) Db *T6/T85°C, T5/T100°C, T4/T135°C, T3/T200°C II 2(1) G Ex db [ia Ga] IIB T6 Gb or II 2(1) G Ex db [ia Ga] IIB+H ₂ T6 Gb and/or II 2(1) D Ex tb [ia Da] IIIC T85°C Db II 2(2) G Ex db [ib] IIB T6 Gb or II 2(2) G Ex db [ib] IIB+H ₂ T6 Gb and/or II 2(2) D Ex tb [ib] IIIC T85°C Db II 2(1) G Ex db ia/ib [ia Ga] IIB T6 Gb or II 2(1) G Ex db ia/ib [ia Ga] IIB+H ₂ T6 Gb and/or II 2(1) D Ex tb [ia Da] IIIC T85°C Db II 2(2) G Ex db ia/ib [ib] IIB T6 Gb or II 2(2) G Ex db ia/ib [ib] IIB+H ₂ T6 Gb and/or II 2(2) D Ex tb [ib] IIIC T85°C Db I M2 Ex db T(**) I Mb I M2(M1) Ex db [ia Ma] T(**) I Mb I M2(M2) Ex db [ib] T(**) I Mb **T150°C or T450°C	
Surface treatment	Stainless steel enclosures: Unpainted Galv. steel enclosures: Hot dip galvanization. Colour: Blue RAL5014 (other colours on request)	
Entries	Metric pitch 1.5, ANSI B1.20.1 NPT	
Included accessories	Galvanized steel internal mounting plate, galvanized steel mounting brackets, AISI316 stainless steel external screws, hinges, door handle, acrylic laminate certificate label	
Optional accessories	A4-80 stainless steel mounting brackets, AISI316 stainless steel certificate label, Drain/breather valve, internal anticondensate painting.	

Dimensions EJB

The sides A, B & C of our EJB enclosures can be increased/decrease of 15% covering the dimensions from 298 x 238 x 175mm up to 950 x 690 x 440mm provided that internal volume does not increase/decrease of more than 1%.



EJB.. Series - Standard versions are supplied in AISI316 stainless steel, unpainted and complete with: mounting plate, mounting brackets, hinges, screws and handle.

TYPE	CODE	DIMENSIONS [mm]											WEIGHT [KG]	COVER ENTRIES	INT. MOUNTING PLATE
		A	B	C	D	E	G	H	L	M	ØP	R			
EJB-2	B011013010002	296	234	158	230	168	132	205	250	280	10	20	35	12	160 X 220
EJB-3	B011013010004	408	235	161	340	167	130	330	250	280	10	20	45	18	155 X 330
EJB-4	B011013010006	414	298	160	336	220	126	300	305	340	12	20	55	20	210 X 325
EJB-5	B011013010008	472	289	210	392	209	176	350	295	330	12	20	70	22	200 X 385
EJB-6	B011013010010	489	414	224	399	324	190	355	410	450	14	25	93	28	300 X 380
EJB-8	B011013010012	617	348	237	531	162	198	495	360	400	14	25	114	36	250 X 520
EJB-9	B011013010014	516	453	237	426	363	198	400	460	500	14	25	118	34	350 X 420
EJB10	B011013010025	726	344	267	630	248	228	580	340	380	14	25	125	40	560X178
EJB-11	B011013010016	585	496	236	483	394	215	445	490	530	14	25	139	44	380 X 470
EJB-12	B011013010018	809	459	299	705	355	256	640	440	480	16	30	181	54	325 X 675
EJB-13	B011013010020	825	602	269	723	500	226	667	605	650	18	30	235	76	463 X 683
EJB-13A	B011013010021	825	602	355	723	500	330	667	605	650	18	30	262	76	463 X 683
EJB-13XL	B011013010026	940	650	404	840	550	356	775	650	690	18	30	300	80	793 X 509
EJB-14	B011013010024	970	770	436	850	650	378	790	760	800	20	30	530	57	795X595

Hinges are mounted on long left side of the enclosure. For a different configuration, ask to our Sales Dept.

For galvanized carbon steel enclosures, ask to our Sales Dept.

For complete junction boxes, ask to our Sales Dept.

Maximum number of entries on sides A/B

TYPE	EJB-2	EJB-3	EJB-3A	EJB-4	EJB-5	EJB-6	EJB-8	EJB-9	EJB-10	EJB-11	EJB-12	EJB-13	EJB-13A	EJB-13XL	EJB-14*
M20 - ½"	9/7	14/7	14/7	14/9	27/13	24/18	35/16	27/24	57/21	32/27	61/28	48/32	81/54	96/110	110/110
M25 - ¾"	9/5	7/3	7/3	7/4	14/7	14/10	29/13	24/18	46/18	21/27	40/18	27/18	54/36	62/70	71/70
M32 - 1"	4/3	6/3	6/3	6/4	12/5	12/9	18/8	12/10	29/10	14/12	32/16	23/16	35/24	39/43	43/43
M50 - 1½"	3/2	4/2	4/2	4/3	5/2	5/4	7/3	9/9	14/5	6/5	16/7	9/6	18/10	17/17	17/17
M63 - 2"	2/1	3/1	3/1	3/2	4/2	4/3	6/2	4/4	12/4	5/4	12/5	8/5	14/9	12/11	11/11
M75 - 2½"	-	-	-	-	3/1	3/2	4/2	3/3	5/2	4/3	6/3	6/4	6/4	7/7	7/7
M80 - 3"	-	-	-	-	2/1	2/2	3/1	2/2	4/1	3/2	4/2	5/3	5/3	6/6	6/6
M90 - 3½"	-	-	-	-	2/1	2/2	3/1	2/2	4/1	3/2	4/2	5/3	5/3	5/4	6/5
M100 - 4"	-	-	-	-	2/1	2/2	3/1	2/2	4/1	3/2	4/2	4/3	4/3	4/3	5/4

*Max. number of entries can increase for EJB-14 if T.amb = -20°C