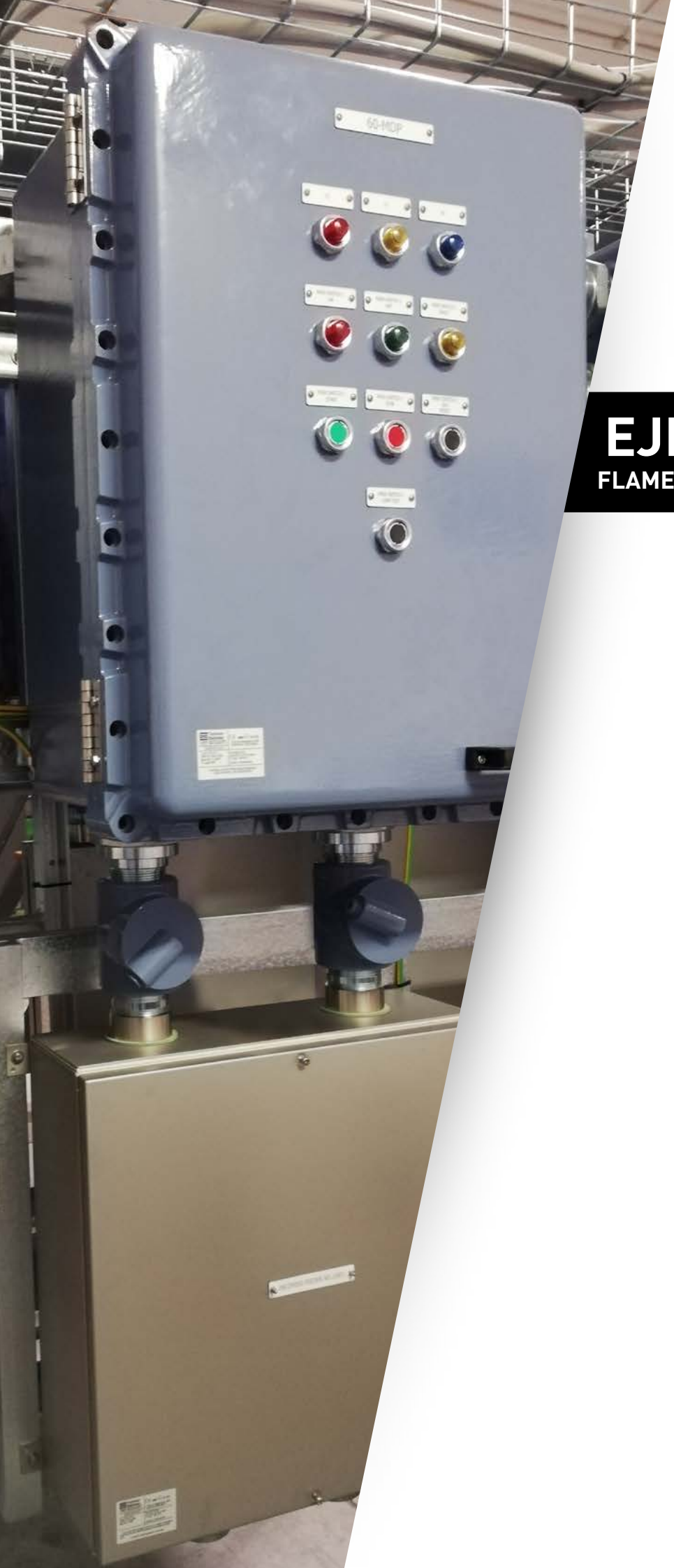


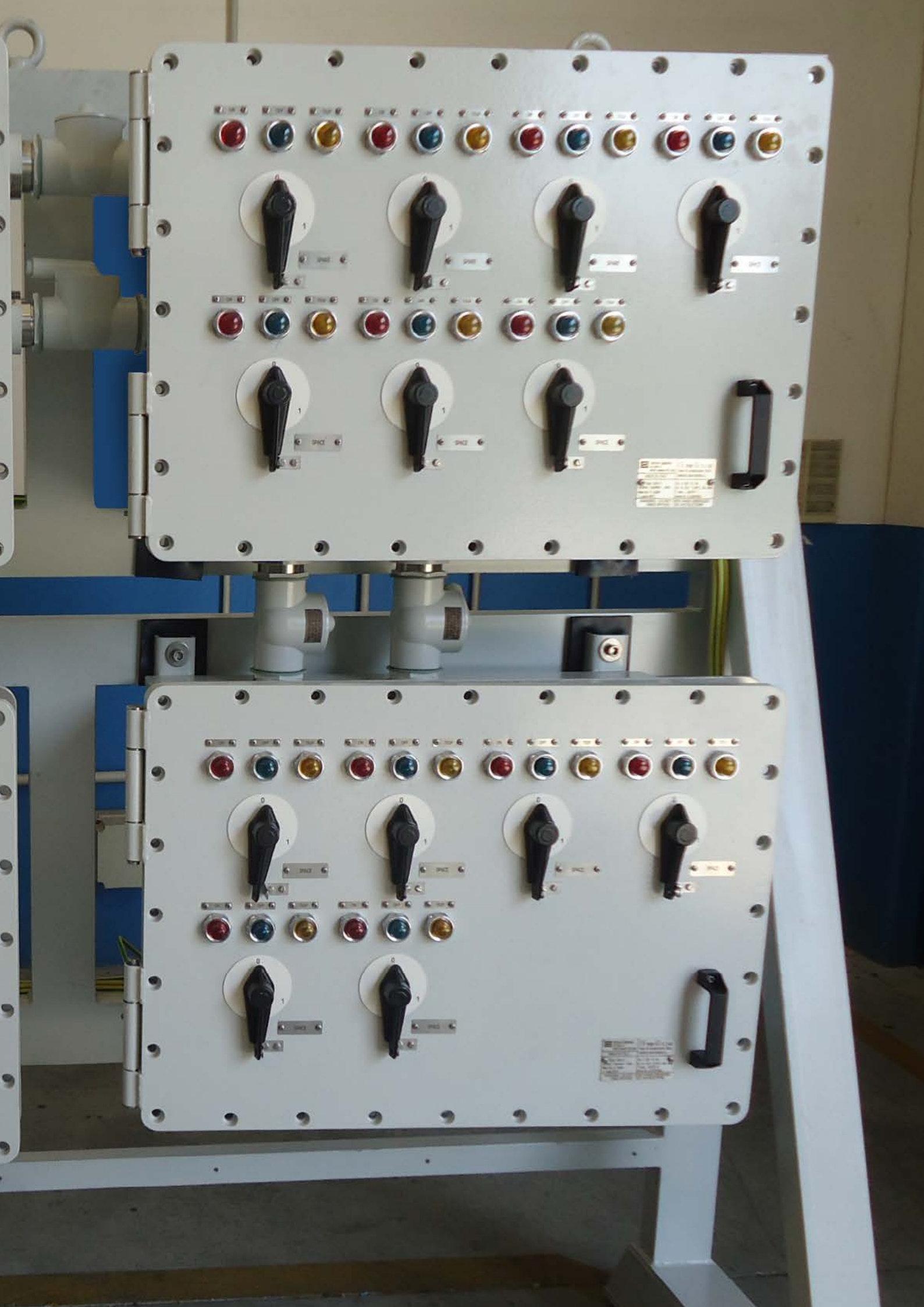
EJB.. SERIES

FLAMEPROOF ENCLOSURES



TECHNOR ITALSMEA

A COMPANY OF MARECHAL ELECTRIC



EJB.. SERIES

EJB.. Series are Ex d enclosures suitable for a wide range of applications such as control units, junction boxes, industrial power distribution switch racks; receptacles; heat tracing and lighting panels.
EJB.. series can host electric and/or electronic equipment and / or terminals.

CERTIFICATION DATA

Classification

Group II – Category 2GD

Group I – Category M2 (aluminum version excluded)

Application Zone

Gas: 1, 2 Dust: 21, 22

Marking

Full Conformity Certificate

II 2 GD
Ex db IIB T(*) Gb or
Ex db IIB+H2 T(*) Gb or
Ex db ia/ib IIB T(*) Gb or
Ex db ia/ib IIB+H2 T(*) Gb and/or
Ex tb IIIC T(*) Db
*T6/T85°C, T5/T100°C,
T4/T135°C, T3/T200°C

II 2(1) GD
Ex db [ia Ga] IIB T6 Gb or
Ex db ia/ib [ia Ga] IIB T6 Gb or
Ex db [ia Ga] IIB+H2 T6 Gb or
Ex db ia/ib [ia Ga] IIB+H2 T6 Gb and/or
Ex tb [ia Da] IIIC T85°C Db

II 2(2) GD
Ex db [ib] IIB T6 Gb or
Ex db ia/ib [ib] IIB T6 Gb or
Ex db [ib] IIB+H2 T6 Gb or
Ex db ia/ib [ib] IIB+H2 T6 Gb and/or
Ex tb [ib] IIIC T85°C Db

I M2 Ex db I Mb
I M2(M1) Ex db [ia Ma] I Mb
I M2(M2) Ex db [ib] I Mb
Maximum dissipated power is related to T4/
T150°C, see tables 5.1, 5.2, 5.3 on pages 11-12.

Component Certificate

II 2G Ex db IIB Gb or
II 2G Ex db IIB+H2 Gb or
I M2 Ex db I Mb and/or
II 2D Ex tb IIIC Db IP66

Certification

CE 0080
ATEX - INERIS 00ATEX0021X
ATEX - INERIS 21ATEX9004U
IECEx - IECEx INE 10.0015X
IECEx - IECEx INE 21.0006U
EAC RU C-IT.BH02.B.00588/20
KC - 16-KA4BO-0466X, 16-KA4BO-0467X,
16-KA4BO-0468X, 17-KA4BO-0296X,
18-KA4BO-0260X, 20-KA4BO-0598X, 22-KA4BO-0091X
PESO - P529307/1

Standards

EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-11; EN/IEC 60079-31

Ambient temperature

Full Conformity Certificate
-60°C to +60°C (without window)
-50°C to +60°C (with window and/or pilot light PLD)

Component Certificate
-60°C to +200°C (without window)
-50°C to +130°C (with window - EJB-2 to EJB-9)
-50°C to +128°C (with window - EJB-10 to EJB-14)

Degree of protection

IP66

MECHANICAL FEATURES

Body	Copper-free aluminium or AISI316L stainless steel or Galvanized carbon steel
Hinges	AISI316L Stainless steel
Handle	Polyamide reinforced with glass fiber or Polypropylene
Hardware & Screws	AISI316L stainless steel
Entries	Metric pitch 1.5 and/or NPT according to ANSI/ASME B1.20.1
Mounting brackets	Galvanized steel Upon request: Stainless steel A4-80
Coating	Polyurethane painting cycle RAL5014 (other colours available on request)
Certification label	Acrylic laminate. Upon request: AISI316L stainless steel



Handle

Thanks to its design, the handle ensures:
- Easy opening and closing of the enclosure;
- Greater safety of use for the operator;
- Corrosion resistance in saline environments;
- Pleasing aesthetics.



Stainless steel bolts

Window



Mounting brackets

Stainless steel hinges

DIMENSIONS - EJB.. IN COPPER-FREE ALUMINIUM

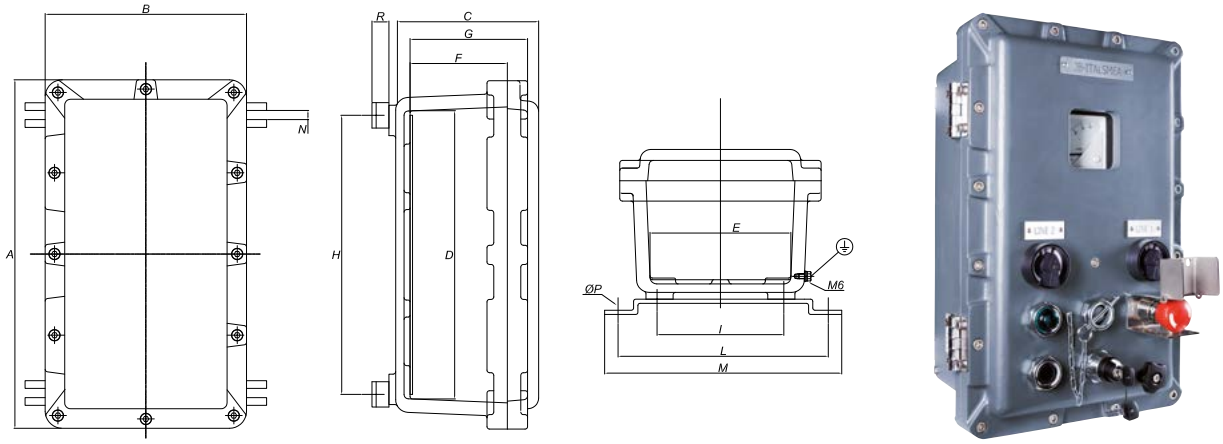


Table 1.1 - EJB.. Series enclosures c/w internal mounting plate

TYPE	DIMENSIONS [MM]														WEIGHT [KG]	COVER ENTRIES	MOUNTING PLATE(S)
	A	B	C	D	E	F	G	H	I	L	M	N	ØP	R			
EJB-2	298	238	163	230	168	116	135	205	140	250	280	9	M6	20	10.07	12	160 X 220
EJB-3	410	236	167	340	167	115	136	330	150	250	280	9	M8	20	13.40	18	155 X 330
EJB-3A	410	236	191	340	167	115	158	330	150	250	280	9	M8	20	13.50	9	155 X 330
EJB-4	415	300	165	335	220	116	132	300	190	300	320	9	M8	20	17.50	20	210 X 325
EJB-5	477	297	221	392	209	157	182	350	185	300	320	9	M8	20	20.50	22	200 X 385
EJB-6	478	404	226	387	310	160	186	355	280	390	420	9	M8	20	33.00	28	300 X 380
EJB-8	630	361	246	530	262	173,5	204	495	225	340	370	9	M8	20	36.05	36	250 X 520
EJB-9	532	465	252	426	363	177	204	410	340	440	470	12	M10	20	40.00	34	350 X 420
EJB-10	754	366	294	630	250	217	234	580	205	330	360	12	M10	20	48.50	34	240 X 620
EJB-11	592	501	257	483	394	174	204	445	360	480	510	12	M10	20	53.30	44	380 X 470
EJB-12	801	450	300	690	335	206,5	243	640	285	425	450	14	M12	20	73.00	54	325 X 625
EJB-13	830	604	298	723	500	160	236	630	405	580	620	14	M12	20	106.00	76	463 X 683
EJB-13A	830	604	404	723	500	265	322	630	405	580	620	14	M12	20	124.00	76	463 X 683
EJB-14	970	770	478	795 745	595 545	343 378	404 439	765	565	710	770	16	M14	25	245.00	0	795x595 745x545
EJB-14*	970	770	461	795 745	595 545	343 378	367 402	765	565	710	770	16	M14	25	310.00	57	795x595 745x545

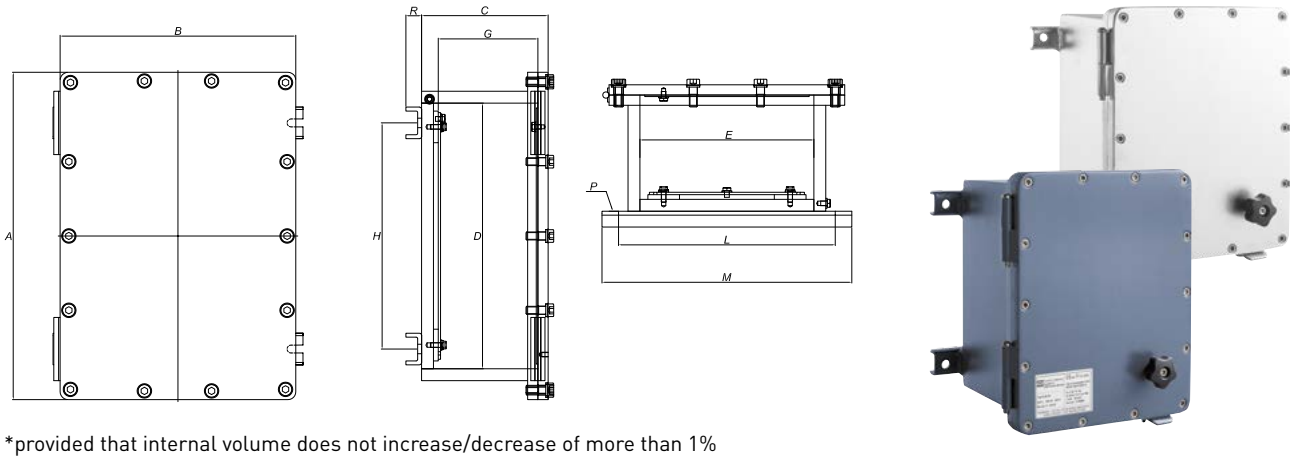
*Copper-free aluminium enclosure with stainless steel/galvanized carbon steel cover

Table 1.2 - 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-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	111/110
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	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	43/43
M50 - 1 ½"	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
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	11/11
M75 - 2 ½"	-	-	-	-	3/1	3/2	4/2	3/3	5/2	4/3	6/3	6/4	6/4	7/7
M80 - 3"	-	-	-	-	2/1	2/2	3/1	2/2	4/1	3/2	4/2	5/3	5/3	6/6
M90 - 3 ½	-	-	-	-	2/1	2/2	3/1	2/2	4/1	3/2	4/2	5/3	5/3	6/5
M100 – 4"	-	-	-	-	2/1	2/2	2/1	2/2	4/1	3/2	4/2	4/3	5/3	5/4

DIMENSIONS - EJB.. IN AISI316L/GALVANIZED CARBON STEEL

Unlimited design possibilities: EJB dimensions can increase/decrease up to 15%* thanks to state-of-the-art technologies and components in order to fully satisfy all specific customers' requirements



*provided that internal volume does not increase/decrease of more than 1%

Table 2.1 - EJB.. Series enclosures c/w internal mounting plate

TYPE	DIMENSIONS [MM]											WEIGHT [KG]	COVER ENTRIES	INT. MOUNTING PLATE
	A	B	C	D	E	G	H	L	M	ØP	R			
EJB-2	296	234	158	230	168	132	205	250	280	10	20	35	12	160 X 220
EJB-3	408	235	161	340	167	130	330	250	280	10	20	45	18	155 X 330
EJB-4	414	298	160	336	220	126	300	305	340	12	20	55	20	210 X 325
EJB-5	472	289	210	392	209	176	350	295	330	12	20	70	22	200 X 385
EJB-6	489	414	224	399	324	190	355	410	450	14	25	93	28	300 X 380
EJB-8	617	348	237	531	162	198	495	360	400	14	25	114	36	250 X 520
EJB-9	516	453	237	426	363	198	400	460	500	14	25	118	34	350 X 420
EJB 10	726	344	267	630	248	228	580	340	380	14	25	125	40	560X178
EJB-11	585	496	236	483	394	215	445	490	530	14	25	139	44	380 X 470
EJB-12	809	459	299	705	355	256	640	440	480	16	30	181	54	325 X 675
EJB-13	825	602	269	723	500	226	667	605	650	18	30	235	76	463 X 683
EJB-13A	825	602	355	723	500	330	667	605	650	18	30	262	76	463 X 683
EJB-13 XL	940	650	404	840	550	356	775	650	690	18	30	300	80	793 x 509
EJB-14	970	770	436	850	650	378	790	760	800	20	30	530	57	795 X 595

Table 2.2 - 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	111/110
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 - 1 ½"	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 - 2 ½"	-	-	-	-	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 - 3 ½	-	-	-	-	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

EJB.. SERIES – TERMINALS

Full customization based on users' needs in terms of size and number of terminals or cables to be installed inside the enclosure. All terminals can be equipped with accessories as per customers' request. Our technical dept. will determine the most suitable size of the enclosure taking into account: the required parameters as specified by the customer in the request stage and the limits allowed by the certificate.

ELECTRICAL FEATURES

TERMINALS

Max. supply voltage	20 KVac or 20 KVdc
Max. current	2.000 A
Rated frequency	0-1.000 Hz
Max. supply voltage for «IS» element	500 V



Busbars

EJB MODELS	NOMINAL SECTION (MM^2)	NOMINAL CURRENT (A)
From EJB-2 to EJB-14	36	72
From EJB-2 to EJB-14	100	200
From EJB-2 to EJB-14	160	250
From EJB-4 to EJB-14	250	400
From EJB-6 to EJB-14	400	625



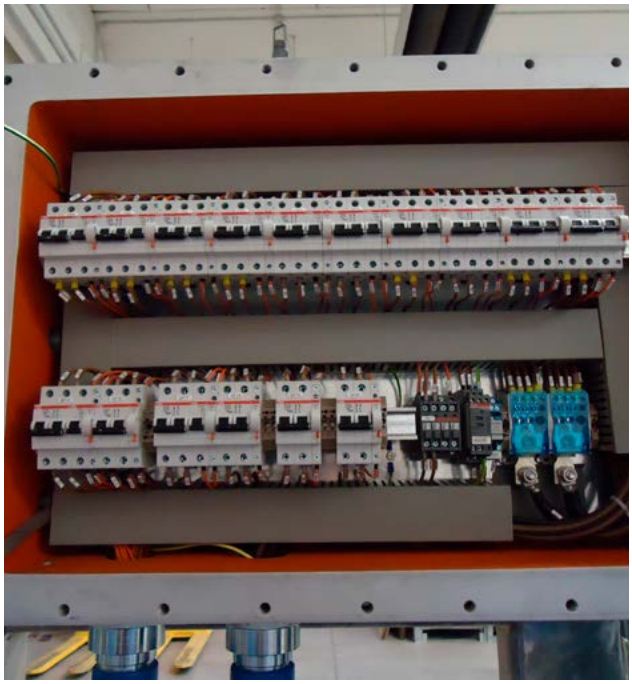


Table 3.1 – Terminals rated current

TERMINALS – RATED CURRENT													
Terminal cross-sectional area (mm^2)	2,5	4	6	10	16	35	50	70	95	120	185	240	300
Rated current (A)	24	32	41	57	76	125	150	192	239	269	353	415	520

Table 3.2 - Indicative maximum quantity of terminals

Max. number of terminals calculated according to following parameters:
- T. class = T3
- Ambient temp. = +40°C

TYPE / SECTION	EJB-2	EJB-3	EJB-4	EJB-5	EJB-6	EJB-8	EJB-9	EJB-10	EJB-11	EJB-12	EJB-13 EJB-13A EJB-13XL	EJB-14
2,5 mmq	52	84	122	148	224	276	320	308	360	488	712	1026
4 mmq	48	69	102	122	188	195	220	259	300	357	600	856
6 mmq	36	54	78	69	138	150	168	168	232	273	425	594
10 mmq	21	32	40	57	87	102	123	122	148	186	276	406
16 mmq	17	26	32	45	72	80	84	95	114	130	228	325
35 mmq	9	18	24	23	36	45	50	56	69	82	140	196
50 mmq	-	14	20	20	30	36	44	48	57	70	108	168
70 mmq	-	7	15	18	28	33	38	33	44	60	88	140
95 mmq	-	-	-	7	13	18	24	24	26	33	50	87
120 mmq	-	-	-	7	13	16	15	24	26	33	50	87
185 mmq	-	-	-	-	-	-	-	-	-	18	24	48
240 mmq	-	-	-	-	-	-	-	-	-	16	24	48
300 mmq	-	-	-	-	-	-	-	-	-	5	16	20

Max. number of terminals calculated according to following parameters:
- T. class = T6
- Ambient temp. = +60°C

TYPE / SECTION	EJB-2	EJB-3	EJB-4	EJB-5	EJB-6	EJB-8	EJB-9	EJB-10	EJB-11	EJB-12	EJB-13	EJB-13A EJB-13XL	EJB-14
2,5 mmq	40	44	49	50	59	64	66	65	71	76	84	93	117
4 mmq)	34	37	42	42	50	55	57	56	61	66	73	81	103
6 mmq	32	35	40	39	47	51	53	52	57	62	68	75	95
10 mmq	25	27	31	31	37	41	42	42	46	50	56	61	79
16 mmq	18	20	23	23	28	32	33	33	36	40	45	50	64
35 mmq	9	11	13	14	17	19	20	21	22	25	29	32	43
50 mmq	-	7	8	9	11	13	14	15	15	18	21	24	33
70 mmq	-	11	13	14	16	19	19	20	21	24	27	30	40
95 mmq	-	-	-	12	15	18	18	19	20	23	27	30	40
120 mmq	-	-	-	8	10	11	11	12	13	15	17	19	25
185 mmq	-	-	-	-	-	-	-	-	-	8	10	11	16
240 mmq	-	-	-	-	-	-	-	-	-	7	8	9	13
300 mmq	-	-	-	-	-	-	-	-	-	5	7	8	11

EJB.. SERIES – CONTROL, MONITORING, SIGNALING UNITS

EJB.. Series can be used as control, monitoring and signaling units offering complete protection for electrical equipment and control circuits located in hazardous areas and in particularly aggressive environments.
Used to host electrical equipment, such as: switches, indicators, contactors, transformers, EJB.. enclosures can be equipped with lid-mounted control and signaling devices, such as pushbuttons and indicator lights.
The number of components and installable equipment inside the enclosures and their disposition vary according to your requirements: Technor Italsmea offers full customization providing extremely complex solutions, yet meeting all the limits allowed by the certificate.

Table 4 – Example of equipment which can be installed:

COMPONENT TYPE	
Instruments of measure of electric parameters	Time relay
Electronic thermoregulation units	Photocells
Radio communication and telephony units	Capacitors
PLC and multiplexer	Transformers
Devices for the control and the weight measure; pressure; damp; level; temperature and capacity	Anticondensate heatings
Automatic and/or earth leakage circuit breakers	Circumferentor and recorders of physical data
Switches; on load switches; rotary switches	Displays
Fuses / antitrouble filters	Ignitors
Contactors; remote control switches	General purpose drive and UPS
Relay	Fans
Led lamps 3 W max.	Cells and batteries
Electric and electronic of regulation and of starting devices	Terminals
Intrinsically safe devices	



EJB.. SERIES – CONTROL, MONITORING, SIGNALING UNITS

Wide range of lid-mounted Ex d operators* which allow the external control of components installed inside the enclosure.

COMPONENTS SPECIFICATIONS:

IP rating	IP66
T. amb range	-60°C to +60° -50°C to +60°C for pilot light PLD
Barrel thread	Metric M12x1,75; M16x1,5; M32x1,5
Option	With AISI316L external hexagonal ring (Upon request)



RATINGS:

PUSH BUTTONS

Max. voltage	660 V
Max. current	10 A



PILOT LAMPS

Max. voltage	400V AC-DC
Max. power	3 W (LED lamp)



ROTARY SWITCH

Max. voltage	750 V
Max. current	63 A



*Visit our catalogue and find out more about Ex d components

Temperature class and max. surface temperature of the control and monitoring units depend on enclosure size, ambient temperature and power dissipation inside the enclosure.
The total dissipated power (W) of the installed apparatus cannot exceed the values stated in the tables below.

Table 5.1 - Maximum dissipated power (W / VA) for EJB without windows and without or with IS apparatus when IS apparatus is protected by thermal probes

TYPE OF ENCLOSURE	T6/T85°C FOR AMBIENT UP TO				T5/T100°C FOR AMBIENT UP TO				T4/T135°C FOR AMBIENT UP TO				T3/T200°C FOR AMBIENT UP TO			
	40°C	50°C	55°C	60°C	40°C	50°C	55°C	60°C	40°C	50°C	55°C	60°C	40°C	50°C	55°C	60°C
EJB-2	74	56	47	38	101	83	74	65	164	146	137	128	281	263	254	245
EJB-3	96	72	61	49	131	107	96	84	213	189	178	166	365	341	330	318
EJB-3A	102	77	65	52	140	115	102	90	227	202	190	177	390	365	352	340
EJB-4	114	86	72	58	156	128	114	100	253	225	211	197	434	406	392	378
EJB-5	138	110	82	64	193	156	138	119	322	285	267	248	561	524	506	487
EJB-6	173	139	104	81	243	197	173	150	405	359	336	312	706	660	637	614
EJB-8; 9	216	173	130	101	303	245	216	187	505	448	419	390	881	823	794	765
EJB-10; 11	254	203	152	118	355	287	254	220	592	525	491	457	1033	955	931	897
EJB-12	324	237	194	151	453	367	324	280	756	670	627	583	1319	1232	1189	1146
EJB-13	431	308	246	185	615	492	431	369	1046	923	861	800	1845	1722	1661	1599
EJB-13A; 13 XL	487	348	278	209	695	556	487	417	1181	1042	973	904	2085	1946	1876	1807
EJB-14	728	520	416	312	1039	832	728	624	1767	1559	1455	1351	3117	2909	2806	2702
T° Cable	80°C				90°C				120°C				175°C			

Table 5.2 - Maximum dissipated power (W / VA) for EJB with windows, and without or with IS apparatus when IS apparatus is protected by thermal probes.

TYPE OF ENCLOSURE	T6/T85°C FOR AMBIENT UP TO				T5/T100°C FOR AMBIENT UP TO				T4/T135°C FOR AMBIENT UP TO			
	40°C	50°C	55°C	60°C	40°C	50°C	55°C	60°C	40°C	50°C	55°C	60°C
EJB-2; 3; 3A	67	48	39	30	94	76	67	58	158	140	131	121
EJB-4; 5; 6	114	86	72	58	156	128	114	100	253	225	211	197
EJB-8; 9	144	108	88	72	195	144	119	100	315	234	211	197
EJB-10; 11	180	132	108	90	268	200	161	134	360	270	216	197
EJB-12	240	180	144	120	323	242	195	162	405	301	243	203
EJB-13	280	208	168	140	365	272	221	183	450	337	270	225
EJB-13A; 13 XL	320	240	192	160	408	306	246	204	477	355	288	239
T° Cable	80°C				90°C				120°C			

Table 5.3 - Maximum dissipated power (W / VA) for EJB with or without windows with IS apparatus without thermal probes protection.

TYPE OF ENCLOSURE	T.AMB OF THE INTRINSIC SAFETY ELEMENT	T6/T85°C FOR AMBIENT UP TO			
		40°C	50°C	55°C	60°C
EJB-2	60°C	18	4	N/A	N/A
	70°C	32	18	11	4
	80°C	46	32	25	18
	85°C	53	39	32	25
EJB-3	60°C	27	13	7	N/A
	70°C	40	27	20	13
	80°C	53	40	33	27
	85°C	60	47	40	33
EJB-3A	60°C	29	14	7	N/A
	70°C	43	29	21	14
	80°C	57	43	36	29
	85°C	64	50	43	36
EJB-4	60°C	32	16	8	N/A
	70°C	48	32	24	16
	80°C	64	48	40	32
	85°C	71	56	48	40
EJB-5	60°C	41	20	10	N/A
	70°C	61	41	31	20
	80°C	81	61	51	41
	85°C	92	71	61	51
EJB-6	60°C	51	26	13	N/A
	70°C	77	51	38	26
	80°C	103	77	64	51
	85°C	115	90	77	64
EJB-8; 9	60°C	64	32	16	N/A
	70°C	96	64	48	32
	80°C	128	96	80	64
	85°C	144	112	96	80
EJB-10; 11	60°C	75	38	19	N/A
	70°C	113	75	56	38
	80°C	150	113	94	75
	85°C	169	131	113	94
EJB-12	60°C	96	48	24	N/A
	70°C	144	96	72	48
	80°C	192	144	120	96
	85°C	215	168	144	120
EJB-13	60°C	123	61	31	N/A
	70°C	184	123	92	61
	80°C	245	184	153	123
	85°C	276	214	184	153
EJB-13A; 13 XL	60°C	138	69	35	N/A
	70°C	208	138	104	69
	80°C	277	208	173	138
	85°C	312	242	208	173
EJB-14*	60°C	207	104	52	N/A
	70°C	311	207	155	104
	80°C	414	311	259	207
	85°C	466	362	311	259
T° Cable		80°C			

*Without window only

EJB.. SERIES – WITH WINDOWS

EJB.. Series may host electrical equipment which requires a direct reading from the outside. For this reason, our enclosures can be equipped with a window suitable for the visualization of internal apparatus such as: voltmeters, ammeters and/or other analogue measuring instruments.
Our windows may have multiple shape options and different sizes according to customers' requirements. Our technical department will support you in choosing the suitable window to meet your specifications within the technical limits allowed by the certificate.

COMPONENTS SPECIFICATIONS:

Window glass	Toughened Calciosodium
T class	T6 / T5 / T4
Max. T amb	+60°C (according to the dissipated heat temperature, refer to Table 5.2)
Min. T amb	-50°C When T. amb is lower than -20°C and window size is equal to or larger than 150 x 150 mm, internal reinforcements need to be provided.



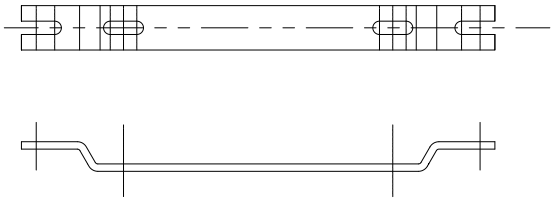
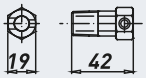
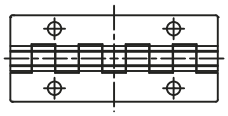
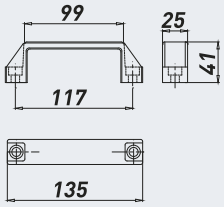
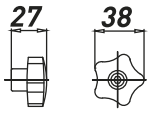
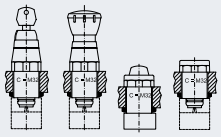
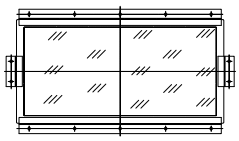
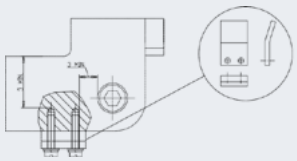
Table 6 – Window specifications

TYPE OF ENCLOSURE	MAX. REMOVABLE AREA [CM²]		MAX. WINDOW DIMENSIONS [mm]	GLASS THICKNESS [mm]
	$T_{AMB} \geq -20°C$	$-50°C < T_{AMB} < -20°C$		
EJB 2	170	170	170 x 100	12
	170	170	170 x 100	15
EJB 3	220	170	270 x 100	12
	270	270	270 x 100	15
EJB 4	220	170	270 x 100	12
	270	270	270 x 100	15
EJB 5	220	170	270 x 100	12
	355	270	270 x 100	15
	410	319	290 x 110	19
EJB 6	234 (=7 x *)	189 (=6 x *)	70 x 45	12
	235	190	290 x 110	15
	410	319	290 x 110	19
EJB 8	312 (=9 x *)	252 (=8 x *)	70 x 45	12
	235	190	290 x 110	15
	410	319	290 x 110	19
EJB 9	350 (=11 x *)	283 (=9 x *)	70 x 45	12
	235	190	290 x 110	15
	410	319	290 x 100	19
EJB 10	126 (=4 x *)	126 (=4 x *)	70 x 45	15
	225	225	300 x 75	19
EJB 11	126 (=4 x *)	126 (=4 x *)	70 x 45	15
	225	225	300 x 75	19
EJB 12	315 (=10 x *)	315 (=10 x *)	70 x 45	15
	225	225	300 x 75	19
EJB 13 & EJB 13A	504 (= 16 x *)	504 (= 16 x *)	70 x 45	15
	450	450	300 x 150	19
EJB 14	504 (= 16 x *)	504 (= 16 x *)	70 x 45	15
	450	450	300 x 150	19

*Max window dimension 70 x 45 mm

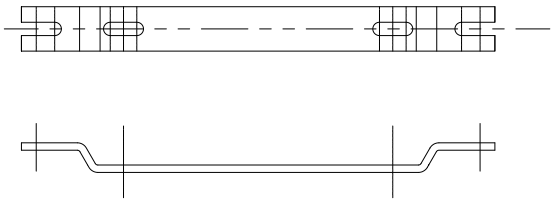
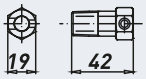
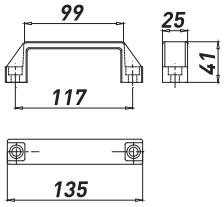
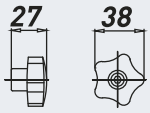
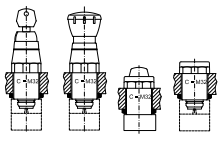
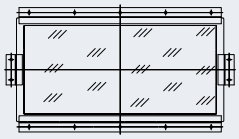
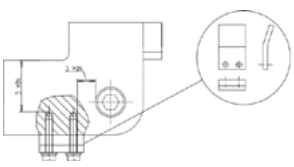
ACCESSORIES UPON REQUEST

EJB.. SERIES IN COPPER-FREE ALUMINIUM

ILLUSTRATION	DESCRIPTION	FEATURES
	WALL MOUNTING BRACKETS	Available for all EJB versions
	DRAIN / BREATHER VALVE	ECR-1 Valve
	AISI304 / AISI316L STAINLESS STEEL HINGES	EJB from 2 to 5: Length 56x38mm EJB from 6 to 11: Length 60x45mm EJB from 12 to 14: Length 108x45mm
	DOOR HANDLE C/W SCREWS	EJB from 8 to 14
	KNOB C/W SCREWS	EJB up to 6
	OPERATION HEADS	PL.. Series: Push buttons, mechanical operators, signaling lamps PSRC.. Series: Rotating switches
	WINDOWS	Standard shape: Rectangular Standard dimensions (mm): 70x45; 170x100; 270x100; 290x100; 300x75; 300x150 Customization is available upon request
NEW 	HELPING CLOSING SYSTEM C/W SCREWS	Available for all EJB versions

ACCESSORIES UPON REQUEST

EJB.. SERIES IN GALVANIZED CARBON STEEL / AISI316L

ILLUSTRATION	DESCRIPTION	FEATURES
	WALL MOUNTING BRACKETS	Available for all EJB versions
	DRAIN / BREATHER VALVE	ECR-1 Valve
	DOOR HANDLE C/W SCREWS	EJB from 8 to 14
	KNOB C/W SCREWS	EJB up to 6
	OPERATION HEADS	PL.. Series: Push buttons, mechanical operators, signaling lamps PSRC.. Series: Rotating switches
	WINDOWS	Standard shape: Rectangular Standard dimensions (mm): 70x45; 170x100; 270x100; 290x100; 300x75; 300x150 Customization is available upon request
NEW 	HELPING CLOSING SYSTEM C/W SCREWS	Available for all EJB versions

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