

SB Series 316 Stainless Steel Enclosures

new product description



MELTRIC is pleased to announce a new product offering for hazardous locations.

Technor SB Series 316 Stainless Steel Enclosures



- ▶ Meets UL, ATEX and IECEx standards for use in explosive environments
- ▶ Over 20 standard sizes available
- ▶ Custom sizes can be ordered ranging from 100mm x 120mm x 100mm thru 910mm x 1140mm x 500mm
- ▶ Can be ordered empty or as a complete customized control panel per customer specifications

For more details on ratings type sizes and dimensions please see the SB Series flyer.

pricing

Contact MELTRIC customer service for price quotes.

leadtime

Most orders will be available with 1 to 3 weeks lead time depending on required options and design approval. Please contact MELTRIC customer service for lead time on your specific item.

SB Series 316 Stainless Steel Enclosures

available literature

MELTRIC presents...

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SB Series

316 Stainless Steel Enclosures

for **HAZARDOUS ENVIRONMENTS**



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▶ Technical Features

- ▶ **Box material:** Stainless steel AISI 316L, 1.5 mm thickness
- ▶ **Surface treatment:** Acid treatment (pickling)
- ▶ **Gaskets:** Silicon rubber (suitable for use between -70°C/+200°C)
- ▶ **Environmental Rating:** IP66/IP67, Type 1, 4, 4X, 12
- ▶ **Shock resistance:** IK10
- ▶ **Ambient Temperature:** From -50°C to +60°C (ATEX), From -50°C to +95°C (IECEX) From -40°C to +40°C (UL)
- ▶ **Approvals:** cULus, UL508A, CSA C22.2 No. 14-13, IMQ 08 ATEX 028X, IECEx IMQ 15.0002X, TR CU, IMQ 16 ATEX 004U, IECEx IMQ 15.0010U
- ▶ **Marking:** II 2 GD
Ex e IIC T(**) Gb / Ex ia IIC T(**) Gb / Ex ib IIC T(**) Gb
Ex tb IIIC T(**) Db IP66/67
** T6/T85°C, T5/T100°C, T4/T135°C
UL Type 1, 4, 4X or 12
- ▶ **Compliance:** IECEx / ATEX: IEC/EN : 60079-0 / 60079-1 / 60079-7 / 60079-11 / 60079-18 / 60079-31
- ▶ **Standard certificate label:** Self adhesive UV and corrosion resistant polyester
- ▶ **Entries:** From M20x1.5mm to M80x1.5mm

▶ Key Options Available

- ▶ Entries – added as needed
- ▶ Hinges – optional without
- ▶ Doors – optional locked
- ▶ Side gland plates
- ▶ Other options:
 - ▶ Breather drains
 - ▶ Viewing windows
 - ▶ Ground studs
 - ▶ Internal mounting plates
 - ▶ Traffolyte or stainless steel tag & certification labels
 - ▶ Other material thickness available

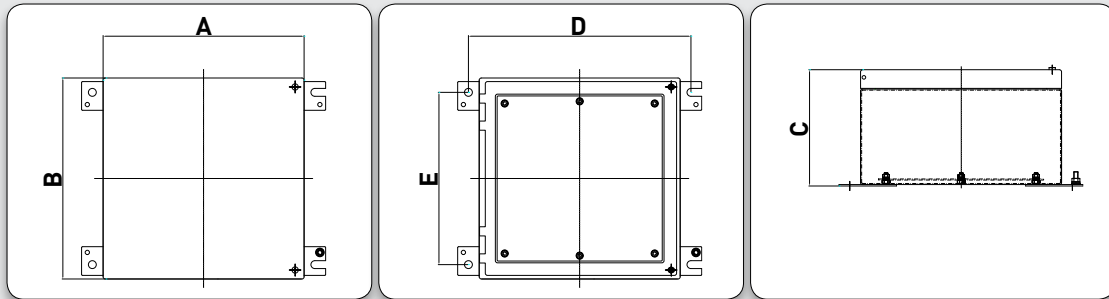
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DIMENSIONS



PART NUMBER	DIMENSIONS (mm)*					MAXIMUM CABLE ENTRIES W/O GLAND PLATE		MAXIMUM CABLE ENTRIES W/GLAND PLATE		MAX N° TERMINALS		WEIGHT (KG)
	A	B	C	D	E	SIDE A	SIDE B	SIDE A	SIDE B	2,5 MM ²	4 MM ²	
SB-101210**	100	120	100	150	-	4	4	-	-	7	6	1.5
SB-151510**	150	150	100	180	-	6	6	-	-	13	11	2.5
SB-202010	200	200	100	230	160	9	9	-	-	22	19	3
SB-202016	200	200	160	230	160	15	15	8	8	22	19	3.5
SB-204016	200	400	160	230	360	15	30	8	18	66	57	4.8
SB-282816	280	280	160	310	240	21	21	12	12	76	64	5.2
SB-282827	280	280	270	310	240	46	46	33	33	76	64	7.5
SB-302016	300	200	160	330	160	21	15	12	8	44	38	5
SB-383816	380	380	160	410	340	30	30	18	18	114	96	8.1
SB-383827	380	380	270	410	340	67	67	51	51	114	96	10.1
SB-384516	380	450	160	410	410	30	36	18	20	171	144	10.7
SB-385716	380	570	160	410	530	30	45	18	28	228	192	16.4
SB-575716	570	570	160	600	530	45	45	28	28	372	312	16.4
SB-575730	570	570	300	600	530	116	116	95	95	372	312	21.4
SB-577620	570	760	200	600	720	73	98	54	74	558	468	21.7
SB-769520	760	950	200	790	910	98	125	74	94	990	834	32.9
SB-272713	270	270	130	300	230	14	14	6	6	36	30	4.5
SB-353516	350	350	160	380	310	27	27	16	16	102	86	5.6
SB-142013	140	200	130	170	160	6	10	4	4	11	9	4
SB-202713	200	270	130	230	230	10	14	6	6	36	30	7
SB-273513	270	350	130	300	310	14	18	8	8	72	60	9.5
SB-355016	350	500	160	380	460	27	39	16	24	160	134	13
SB-505016	500	500	160	530	460	39	39	24	24	240	201	14.5

* Upon request, any dimension between 100x120x100 and 910x140x500 can be manufactured.
 ** The enclosure is only available without hinges.

meltric.com

4765 W. Oakwood Park Drive • Franklin, WI 53132
 800.433.7642 • Fax 414.433.2701
 technor@meltric.com

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