

## INCREASED SAFETY

# SB Series - AISI 316 L Stainless steel

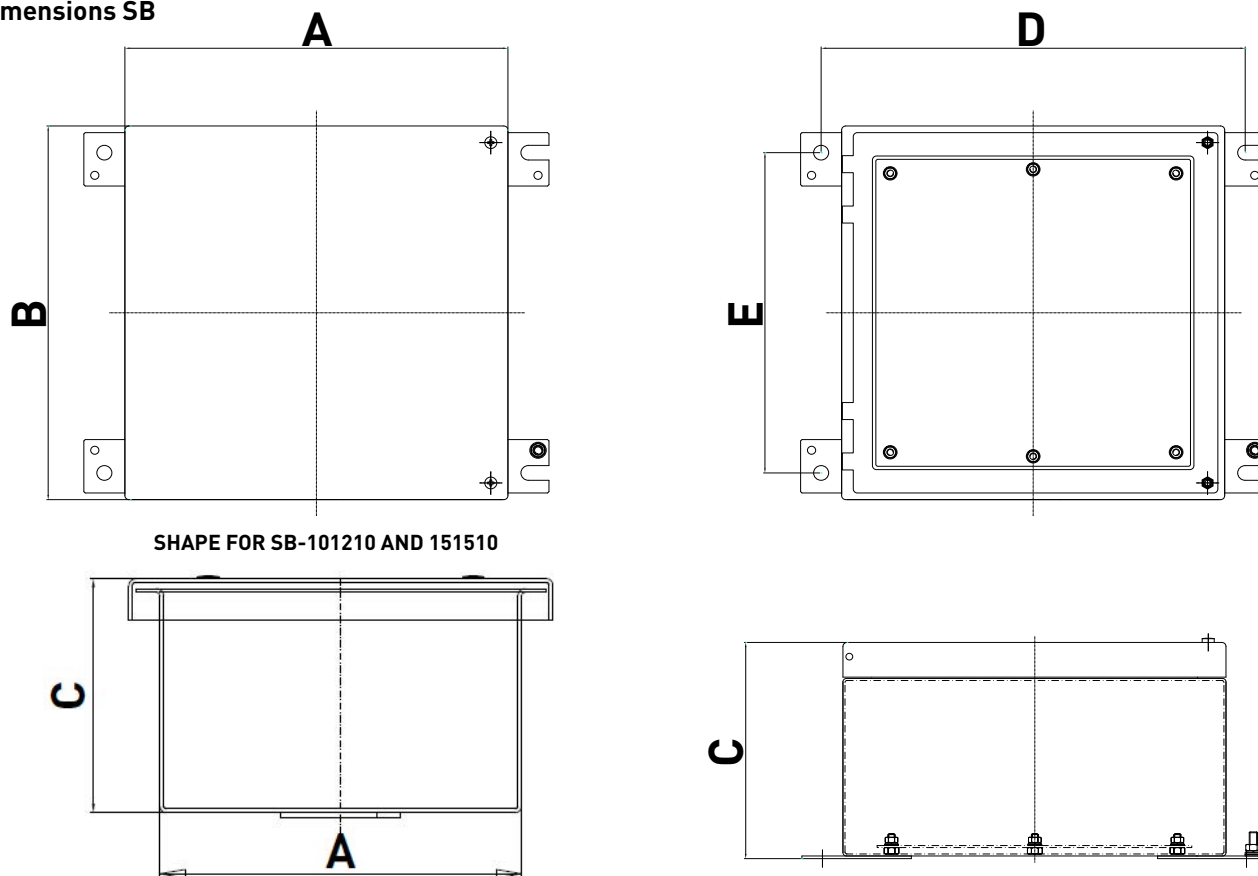


- SB../SBHT.. Series enclosures are suitable for housing Ex e and Ex i terminals and can be provided with internal mounting plate to facilitate terminal board mounting.
- Maximum numbers of terminals varies according to: terminals section and current, enclosure size, operating temperature and required temperature class.
- Suitable for installation in ON/OFF-SHORE plants, in the presence of chemical agents and in any other highly corrosive environment.
- Full customization from 100x120x100 mm to 1500x960x500 mm: our technical department will support you in designing the best solution according to your needs and within the limits of the certificate.
- Full range of off-the-shelf solutions to ensure the best lead time on the market at a competitive pricing.

## TECHNICAL FEATURES

<b>Material</b>	AISI316L stainless steel - with thickness 1,5 mm		
<b>IP rating</b>	IP66/IP67	IP66/IP67	IP55/IP66 (SBHT.. Series -high temperature)
<b>Shock resistance</b>	IK10	IK10	IK10
<b>Ambient temperature range</b>	Ambient From -50°C to +95°C	Service From -50°C to +105°C	SBHT.. Series: From -60°C to +150°C (-50°C to +50°C for junction boxes with locking device)
<b>Approvals</b>	<u>Full conformity Certificate:</u> FIDI 21 ATEX 0090X IECEX FIDI 21.0015X EAC: RU C-IT.BH02.B.00593/20	<u>Component Certificate:</u> FIDI 21 ATEX 0075U IECEX FIDI 21.0012U EAC: RU C-IT.BH02.B.00593/20 EAC: RU C-IT	<u>SBHT.. Series - high temperature:</u> TÜVCY18ATEX0206009 IECEX EXA18.0001 EAC: RU C-IT. BH02.B.00593/20
<b>Marking</b>	II 1G Ex ia IIC/IIB T6...T4 Ga II 2G Ex eb IIC/IIB T6...T4 Gb II 2G Ex eb ia/ib IIC/IIB T6/T5/T4 Gb II 2D Ex tb IIIC T85°C...T135°C Db	II 2 GD Ex eb IIC Gb Ex tb IIIC Db	II 1G Ex ia IIC T* Ga II 2 G Ex ib IIC T* Gb or Ex eb IIC T* Gb or Ex eb ia ib IICT* Gb *Gas: T6/T5/T4/T3
<b>Additional approval</b>	UL listed: NEMA TYPE 1, 4, 4X, 12 UL 508A-CSAC22.2No.14-13 KC: KA4BO-0382X; KA4BO-0383X; KA4BO-0384X; KA4BO-0385X; KA4BO-0386X; KA4BO-0387X		
<b>Surface treatment</b>	Acid treatment (pickling)		
<b>Standard certificate label</b>	Made by self adhesive UV and corrosion resistant polyester.		
<b>Included accessories</b>	Screws and accessories in stainless steel AISI 316 L		
<b>Optional accessories</b>	Electro-polishing treatment Side gland plate Without hinges Drain/Breather valve Lid-mounted components (SB..Series only) Traffolyte/Stainless steel certificate label Internal mounting plate Locking facility Passing through earth bolt Other material thickness starting from 1,2 mm		

## Dimensions SB



SHAPE FOR SB-101210 AND 151510

## SB Series - AISI 316 L stainless steel

TYPE	DIMENSIONS [mm]					CABLE ENTRIES W/O FLANGES		CABLE ENTRIES W. FLANGES		MAX N° TERMINALS [mm <sup>2</sup> ]		WEIGHT [kg]
	A	B	C	D	E	SIDE A	SIDE B	SIDE A	SIDE B	2,5	4	
SB-101210**	100	120	100	150	-	7	6	-	-	7	6	1,5
SB-142013	140	200	130	170	-	6	10	2	4	20	16	5
SB-151510***	150	150	100	180	-	6	6	-	-	20	20	3
SB-202016	200	200	160	230	160	14	14	8	8	20	20	6
SB-202713	200	270	130	230	230	10	14	4	6	36	30	7
SB-202716	200	270	160	230	230	14	18	8	10	36	30	7
SB-272713	270	270	130	300	230	14	14	6	6	36	30	4,5
SB-273513	270	350	130	300	310	14	18	6	8	72	60	9,5
SB-273516	270	350	160	300	310	17	24	10	14	102	43	11
SB-282816	280	280	160	310	240	20	20	12	12	76	64	10
SB-282827	280	280	270	310	240	46	46	33	33	76	64	7,5
SB-353516	350	350	160	380	310	27	27	16	16	102	86	5,6
SB-353520	350	350	200	380	310	31	31	21	21	102	43	15
SB-355016	350	500	160	380	460	27	39	16	24	160	134	13
SB-355020	350	500	200	380	460	31	46	21	33	240	136	20
SB-383816	380	380	160	410	340	30	30	18	18	114	96	8,1
SB-383820	380	380	200	410	340	34	34	24	24	110	96	16
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-384520	380	450	200	410	410	34	42	24	30	140	120	20
SB-385716	380	570	160	410	530	30	45	18	28	228	192	16,4
SB-505016	500	500	160	530	460	39	39	24	24	240	201	14,5
SB-505020	500	500	200	530	460	46	46	33	33	240	201	24
SB-575716	570	570	160	600	530	45	45	28	28	372	312	16,4
SB-575720	570	570	200	600	530	54	54	39	39	372	312	29
SB-575730	570	570	300	600	530	116	116	95	95	372	312	21,4
SB-577620	570	760	200	600	720	54	74	39	51	558	468	36
SB-769520	760	950	200	790	910	98	125	74	94	990	834	32,9

\*Codes refer to empty enclosures

\*\*The enclosure is without hinges and complete with TS35x5 Omega rail welded on a removable mounting plate

\*\*\*The enclosure is without hinges and complete with TS35x7,5 Omega rail welded on the back