

ENCLOSURES / JUNCTION BOXES WITH TERMINALS

SB../ST.. Series - AISI 316 L Stainless steel

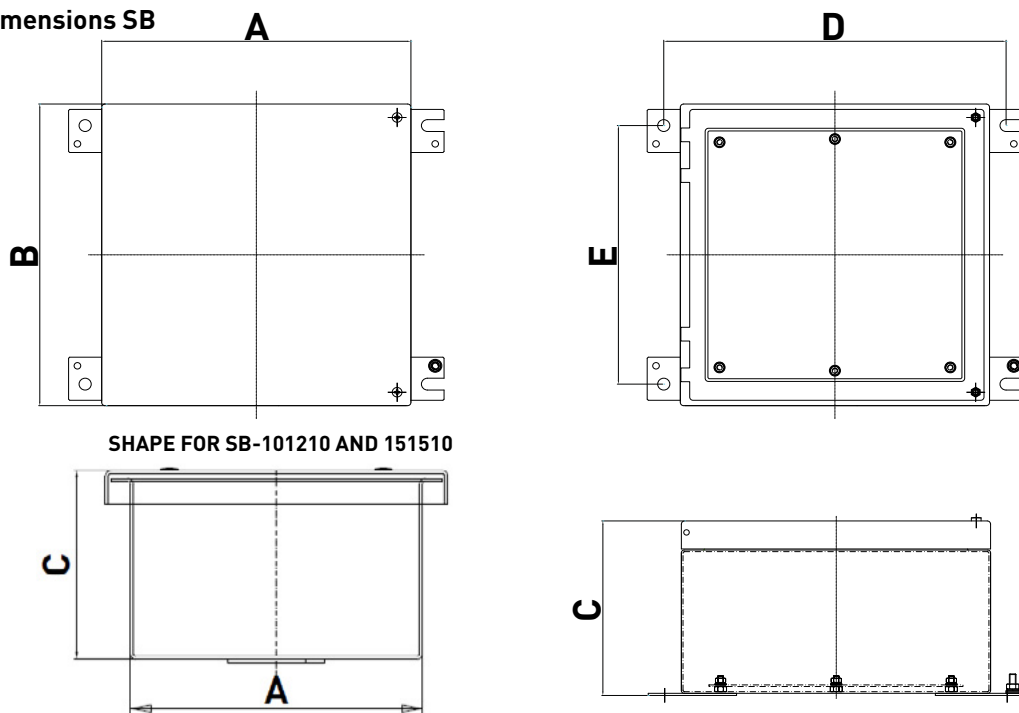


- SB../ST.. Series enclosures are suitable for housing Ex e/eb and Ex i terminals and can be provided with internal mounting plate to facilitate terminal board mounting.
- Maximum numbers of terminals varies according to: terminals section and current, enclosure size, operating temperature and required 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 910x1140x500 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

Material	AISI316L stainless steel - with thickness 1,5 mm - upon request other thickness available		
IP rating	IP66/IP67	IP66/IP67	IP55/IP66 (SBHT.. Series high temperature)
Shock resistance	IK 10	IK 10	IK 10
Ambient temperature range	Ambient From -50°C to +95°C	Service From -50°C to +105°C	SBHT.. Series: From -60°C to +150°C
Approvals	<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	<u>SBHT.. - high temperature:</u> TÜV CY 18 ATEX0206009 IECEX EXA 18.0001 EAC: RU C-IT. BH02.B.00593/20
Approvals	UL listed: NEMA TYPE 1, 4, 4X,12 UL 508A-CSAC22.2No.14-13 KC: from KA4BO-0382X to KA4BO-0387X ECAS-Ex		
Marking	<u>Full conformity Certificate:</u> II 1 G Ex ia IIC T6...T4 Ga II 2G Ex eb and/or ia/ib IIC T6 Gb II 2D Ex tb IIIC T85°C...T135°C Db	<u>Component Certificate:</u> II 2 GD Ex eb IIC Gb Ex tb IIIC Db	<u>SBHT.. - high temperature:</u> II 1 G Ex ia IIC T* Ga II 2 G Ex eb and/or ia ib IIC T* Gb* Gas: T6/T5/T4/T3
Surface treatment	Acid treatment (pickling) Electro-polishing treatment		
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester approved by certified Laboratory		
Included accessories	Screws and accessories in AISI316L stainless steel		
Optional accessories	Side removable gland plate Without hinges Drain/Breather valve Laminated plastic/Stainless steel certificate label Internal mounting plate Locking facility Internal/external through earth bolt		
Available versions	ST Version (with only 1/4 turn key and hinges) without screw Standard version: up to internal temperature of 105°C HT version: up to internal temperature of 130°C		

Dimensions SB



SHAPE FOR SB-101210 AND 151510

SB Series - AISI 316 L stainless steel

CODE	TYPE	DIMENSION [mm]					WEIGHT [kg]	MOUNTING PLATE
		A	B	C	FIXING			
					D	E		
B016I00000136	SB-142013	140	200	130	170	-	5	90X150
B016I00000135	SB-151510***	150	150	100	180	-	4	-
B016I00000137	SB-202016	200	200	160	230	160	6	150X150
B016I00000138	SB-202713	200	270	130	230	230	7	150X220
B016I00000139	SB-202716	200	270	160	230	230	7,5	150X220
B016I00000140	SB-272713	270	270	130	300	230	8	220X220
B016C10142526	SB-273513	270	350	130	300	310	9,5	220X300
B016I00000141	SB-273516	270	350	160	300	310	11	220X300
B016I00000142	SB-282816	280	280	160	310	240	10	230X230
B016I00000143	SB-282827	280	280	270	310	240	12	230X230
B016C12244408	SB-353516	350	350	160	380	310	13	300X300
B016I00000144	SB-353520	350	350	200	380	310	13,5	300X300
B016I00000145	SB-355016	350	500	160	380	460	16	300X450
B016I00000146	SB-355020	350	500	200	380	460	17,5	300X450
B016C10142527	SB-383816	380	380	160	410	340	14	330X330
B016I00000147	SB-383820	380	380	200	410	340	15	330X330
B016I00000148	SB-383827	380	380	270	410	340	17	330X330
B016I00000149	SB-384516	380	450	160	410	410	16	330X400
B016I00000150	SB-384520	380	450	200	410	410	17	330X400
B016I00000151	SB-385716	380	570	160	410	530	20	330X520
B016C12244409	SB-505016	500	500	160	530	460	22	450X450
B016I00000152	SB-505020	500	500	200	530	460	23,5	450X450
B016I00000153	SB-575716	570	570	160	600	530	26	520X520
B016I00000154	SB-575720	570	570	200	600	530	28,5	520X520
B016I00000155	SB-575730	570	570	300	600	530	33	520X520
B016I00000156	SB-577620	570	760	200	600	720	35,5	520X710
B016I00000157	SB-769520	760	950	200	790	910	53	710X900

***The enclosure is without hinges and complete with TS35x7,5 Omega rail welded on the back
 Other sizes up to 1500 x 960 x 500 cm contact our Sales Dept.
 These enclosures refer to the empty and undrilled enclosures, sold under component certificate.
 For complete junction boxes is necessary to ask to the Sales Dept.