

Junction Box Stainless steel	STB Series
CERTIFICATE 	ECM 18 ATEX 4931 X
EX CODE	II 2G Ex eb IIC T6,T4 Gb II 2D Ex tb IIIC T85° C,T100C,T135C Db IP66
DIRECTIVE	2014/34/EU
STANDARD	EN 60079-0:2018, EN 60079-7:2015, EN 679-31:2014,EN 60529/A2:2013
INSTALLATION	zone 1 – 2 – 21 - 22

**CONSTRUCTION**

AISI 316L stainless steel.  
Stainless steel bolts and screws.  
EPDM gasket.  
Internal/external earth screws.  
Fixing lugs.

**FEATURES**

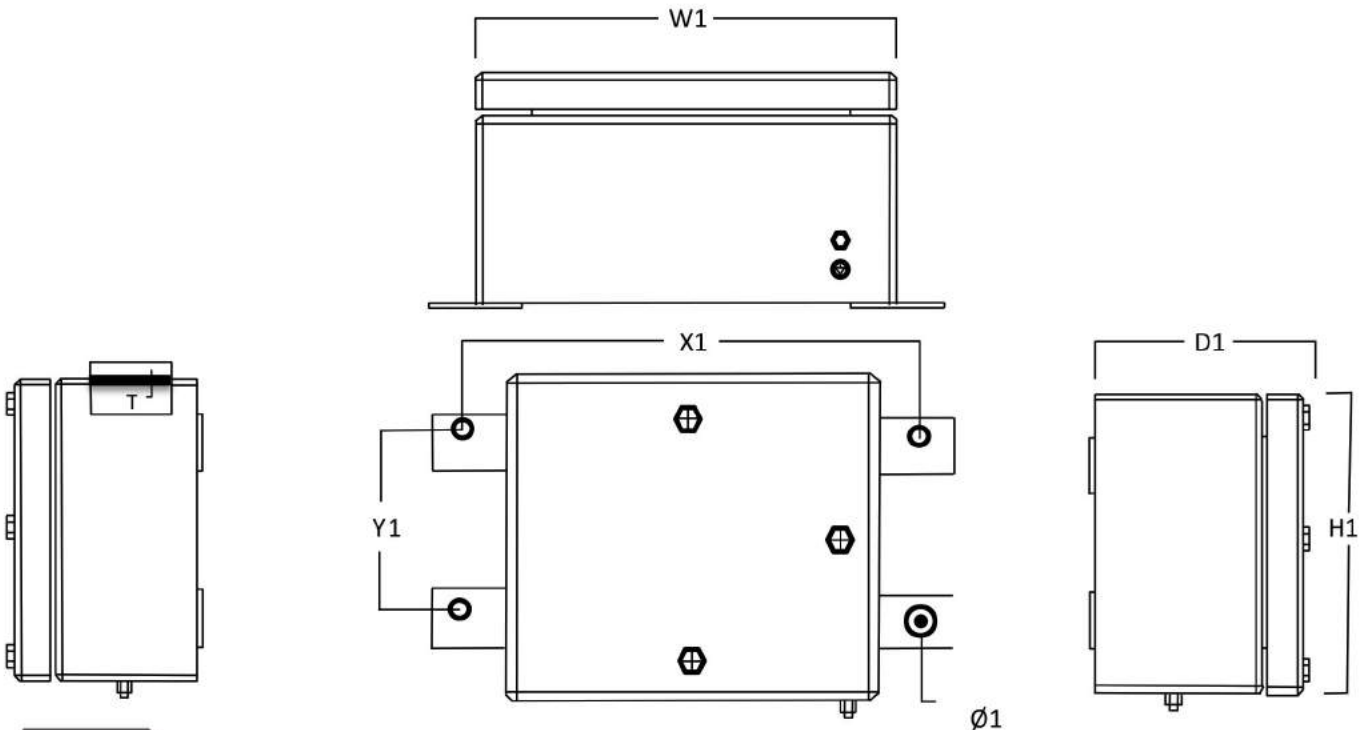
STB series junction boxes ,AISI 316L stainless steel made, are suitable for electrical installation placed in aggressive environments as increased safety or intrinsically safety boxes. They can be supplied with multipolar terminal blocks or modular terminal blocks and with removable gland plates. STB series junction boxes can be drilled according to customers' specification.

**ACCESSORIES UPON REQUEST**

Identification label.



Type and Dimensions of STB Series (mm)									
Ref.code	Type A/B/C		Type A	Type B	Type C	Bracket Mounting			THK
	H1	W1	D1	D1	D1	X1	Y1	Ø1	T
STB-01	210	210	100	120	150	240	140	9	1.5
STB-02	205	305	120	150	210	230	200	9	1.5
STB-03	240	305	120	150	210	270	235	9	1.5
STB-04	305	305	150	210	310	340	200	9	1.5
STB-05	250	400	150	210	310	280	235	9	1.5
STB-06	325	375	150	210	310	370	275	9	2
STB-07	385	455	150	210	310	420	360	9	2
STB-08	480	480	150	210	310	510	410	9	2
STB-09	400	600	150	210	310	430	500	9	2
STB-10	510	610	150	210	310	540	500	13	2
STB-11	510	810	150	210	310	540	640	13	2
STB-12	610	810	150	210	310	650	640	13	2
STB-13	655	955	150	210	310	690	760	13	2
STB-14	855	1255	150	210	310	850	1050	13	2
Tolerance					+/- 5				

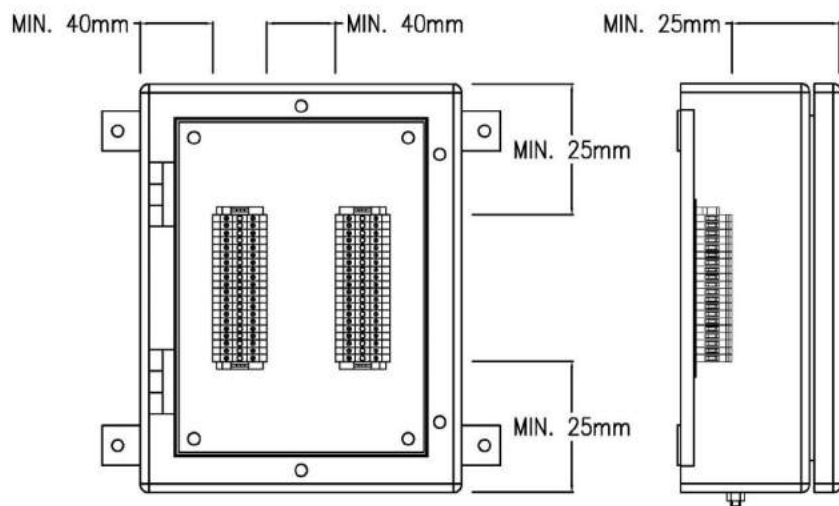


## Terminals

Type	Number and Size of Terminal (mm <sup>2</sup> )											
	2.5	4	6	10	16	25	35	50	70	95	150	240
STB-01	25	23	18	15	12	10	9	-	-	-	-	-
STB-02	40	36	30	24	20	18	14	6	5	-	-	-
STB-03	2x40	2x36	2x30	2x24	20	18	14	8	6	-	-	-
STB-04	3x40	3x36	3x30	3x24	2x20	2x18	2x14	12	10	-	-	-
STB-05	2x56	2x52	2x42	2x34	1x26	1x24	1x20	16	14	8	6	5
STB-06	3x52	3x48	3x38	3x32	2x24	2x22	2x18	15	12	12	9	6
STB-07	3x66	3x60	3x50	3x40	2x25	2x28	2x24	18	16	15	12	10
STB-08	4x70	4x64	4x52	4x42	3x34	3x30	3x25	2x20	2x18	16	12	10
STB-09	3x90	3x82	3x68	3x54	2x42	2x38	2x32	2x27	2x24	20	16	14
STB-10	4x92	4x84	4x68	4x55	3x42	3x40	3x32	3x27	3x24	22	18	15
STB-11	4x125	4x115	4x94	4x75	3x60	3x55	3x45	3x36	3x32	30	24	20
STB-12	5x125	5x115	5x94	5x75	4x60	4x55	4x45	3x36	3x32	30	24	20
STB-13	5x150	5x138	5x112	5x90	4x72	4x66	4x54	3x45	3x40	35	28	24
STB-14	6x200	6x184	6x150	6x120	5x96	5x88	5x72	4x60	4x54	48	38	24

### Terminal Configuration arrangement

The terminal blocks can arrange in vertical or horizontal conditions, by considering minimum distance between the terminals and the cover and body .





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STB Series

**Typical Drawing**

**Drilling of the body**

Table of minimum centers distance between the holes										
	9									150
	8								130	140
	7						105	120	130	
	6					85	100	120	130	
	5				75	80	95	110	120	
	4			65	70	75	90	100	110	
	3		55	60	65	70	85	95	105	
	2	45	50	55	60	65	80	90	100	
	1	40	40	45	50	55	60	75	85	95
<b>ENTRY DIMENSION</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	
<b>NPT Standard</b>	1/2"	3/4"	1"	1.1/4"	1.1/2"	2'	2.1/2"	3"	3.1/2"	
<b>Metric ISO 262</b>	20	25	32	40	50	63	75	90	100	



D1: M20, 10 no.

D2: M32, 3 no.

