

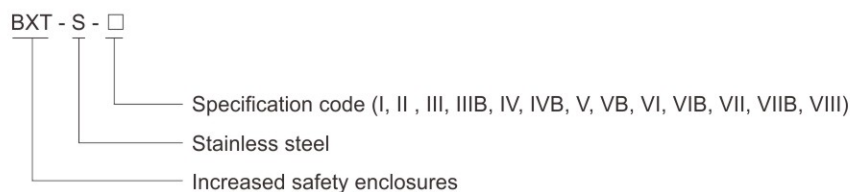
Empty Enclosures

BXT-S Series Increased Safety Enclosures (Ex e)



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Increased-safety enclosure (Ex e) in stainless steel, 13 versions.
- ◆ Cable entries can be drilled and components can be installed by user on request.
- ◆ Safety shall be considered when installing components according to related electrical standards.
- ◆ Special requirements on request.

Catalogue number logic



Technical data

Increased safety enclosures

BXT-S-□

Explosion protection

Europe (ATEX)

LCIE 10 ATEX 3070U

Gas

Ex II 2 G Ex e II Gb

Certificates

ATEX

Conformity to standards

EN 60079-0, EN 60079-7

IEC 60079-0, IEC 60079-7

Degree of protection

IP66

Internal&external earthing

M6/M6

Ambient temperature

-40°C~+60°C

Enclosure material

Stainless steel

Exposed fastener

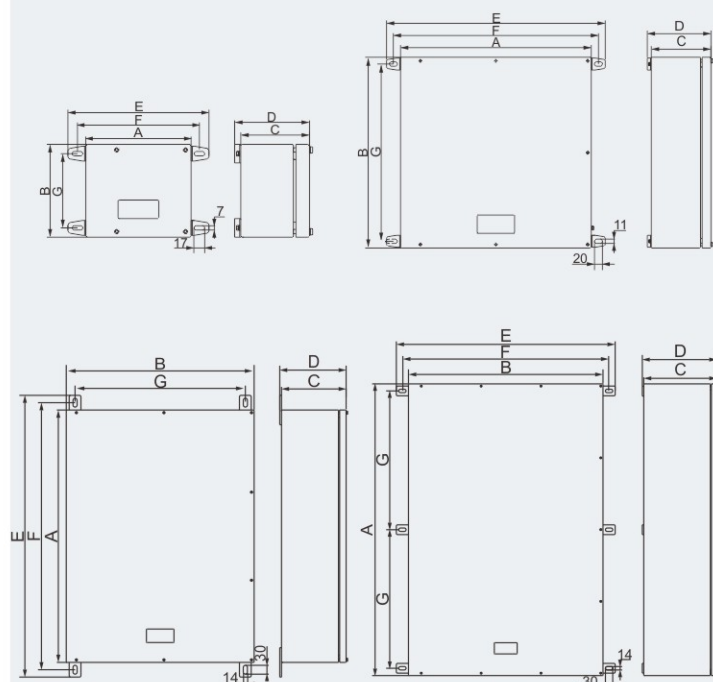
Stainless steel

Zones 1&2

Empty Enclosures

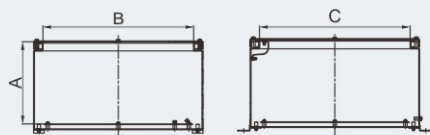
BXT-S Series Increased Safety Enclosures (Ex e)

Selection table of BXT-S series increased safety enclosures (all dimensions in mm)



BXT-S-VII~BXT-S-VIIB

BXT-S-VIII



Outline & Installation

Version	Outline dimensions				Installation dimensions		
	A	B	C	D	E	F	G
BXT-S-I	170	150	110	120	228	197	120
BXT-S-II	250	250	150	160	308	277	220
BXT-S-III	300	300	150	160	358	327	270
BXT-S-IIIB	300	300	200	210	358	327	270
BXT-S-IV	400	300	150	160	458	427	270
BXT-S-IVB	400	300	200	210	458	427	270
BXT-S-V	480	480	150	160	550	516	446
BXT-S-VB	480	480	250	260	550	516	446
BXT-S-VI	600	500	200	210	670	636	466
BXT-S-VIB	600	500	300	310	670	636	466
BXT-S-VII	800	600	200	206	960	910	580
BXT-S-VIIB	800	600	300	306	960	910	580
BXT-S-VIII	1000	800	300	306	900	850	480

Note: Other dimensions on request

Internal

Version	Dimensions			Weight (kg)
	A	B	C	
BXT-S-I	93.5	119	99	1.73
BXT-S-II	133.5	199	199	3.80
BXT-S-III	133.5	249	249	5.20
BXT-S-IIIB	183.5	249	249	5.77
BXT-S-IV	133	349	249	6.50
BXT-S-IVB	283	349	249	7.10
BXT-S-V	133	429	429	12.40
BXT-S-VB	233	429	429	17.60
BXT-S-VI	182.5	547	447	17.60
BXT-S-VIB	282.5	547	447	26.40
BXT-S-VII	182.5	747	547	29.30
BXT-S-VIIB	282.5	747	547	34.30
BXT-S-VIII	282	947	747	52.00

Mounting plate

Version	Dimensions					
	A	B	C	D	E	t
BXT-S-I	110	90	90	72	4	2
BXT-S-II	190	190	170	170	4	2
BXT-S-III	240	240	220	220	4	2
BXT-S-IIIB	240	240	220	220	4	2
BXT-S-IV	340	240	320	220	4	2
BXT-S-IVB	340	240	320	220	4	2
BXT-S-V	420	420	400	400	8	2
BXT-S-VB	420	420	400	400	8	2
BXT-S-VI	540	440	520	420	8	2
BXT-S-VIB	540	440	520	420	8	2
BXT-S-VII	744	544	720	520	8	2
BXT-S-VIIB	744	544	720	520	8	2
BXT-S-VIII	944	744	920	720	8	2

