

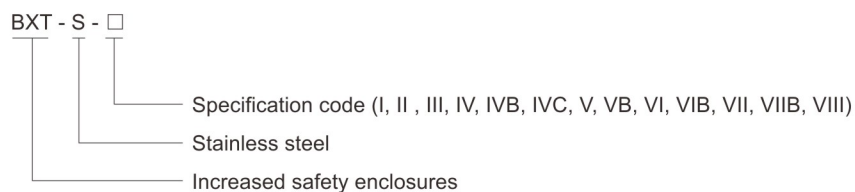
Empty Enclosures

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, 7 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

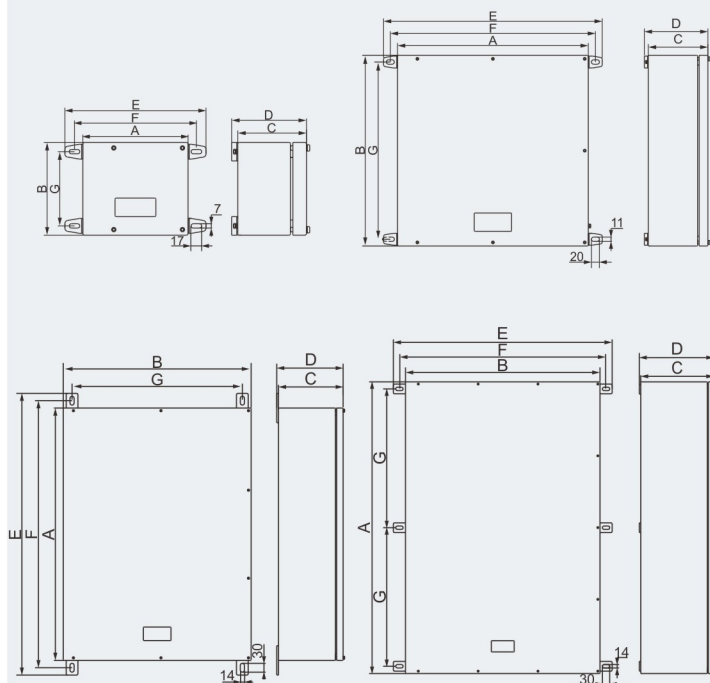
Increased safety enclosures	BXT-S-□
Explosion protection	
Europe (ATEX)	LCIE 10 ATEX 3070U
Gas	Ex II 2 G Ex e II Gb
Certificates	ATEX
Conformity to standards	EN 60079-0, EN 60079-7 IEC 60079-0, IEC 60079-7
Degree of protection	IP66
Internal&external earthing	M6/M6
Ambient temperature	-40°C~+60°C
Enclosure material	Stainless steel
Exposed fastener	Stainless steel

Zones 1&2

Empty Enclosures

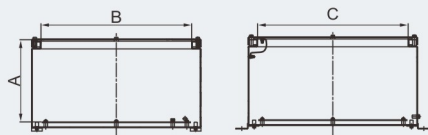
BXT-S Series Increased Safety Enclosures (Ex e)

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

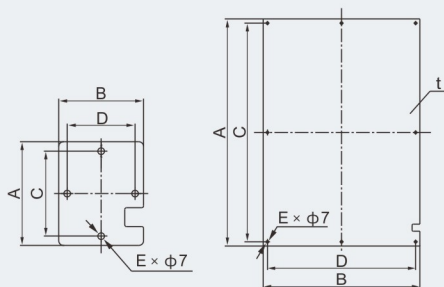


BXT-S-VII~BXT-S-VIIb

BXT-S-VIII



BXT-S-VIII~BXT-S-VIIIb



Outline & Installation

Version	Outline dimensions				Installation dimensions		
	A	B	C	D	E	F	G
BXT-S-I	120	120	90	100	176	147	90
BXT-S-II	170	150	110	120	228	197	120
BXT-S-III	250	250	150	160	308	277	220
BXT-S-IV	300	300	150	160	358	327	270
BXT-S-IVb	400	300	150	160	458	427	270
BXT-S-IVc	400	300	250	260	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	860	640	220	226	960	910	580
BXT-S-VIIb	860	640	320	326	960	910	580
BXT-S-VIII	1200	800	300	306	900	850	480

Note: Other dimensions on request

Internal

Version	Dimensions			Weight (kg)
	A	B	C	
BXT-S-I	73.5	69	69	1.00
BXT-S-II	93.5	119	99	1.73
BXT-S-III	133.5	199	199	3.80
BXT-S-IV	133.5	249	249	5.20
BXT-S-IVb	133	349	249	6.50
BXT-S-IVc	233	349	249	10.80
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	220.5	574	447	26.40
BXT-S-VII	202	807	587	37.30
BXT-S-VIIb	302	807	587	48.10
BXT-S-VIII	282	1147	747	55.40

Mounting plate

Version	Dimensions					
	A	B	C	D	E	t
BXT-S-I	65	65	50	-	2	2
BXT-S-II	110	90	90	72	4	2
BXT-S-III	190	190	170	170	4	2
BXT-S-IV	240	240	220	220	4	2
BXT-S-IVb	340	240	320	220	4	2
BXT-S-IVc	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	804	584	780	560	8	2
BXT-S-VIIb	804	584	780	560	8	2
BXT-S-VIII	1144	744	1120	720	8	2

