

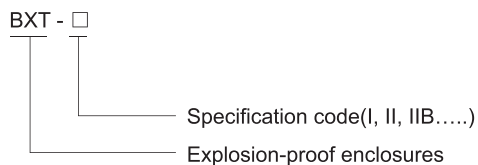
Empty Enclosures

BXT-□ Series Explosion-proof Enclosures (Ex d IIB)



- ◆ 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 1, Groups C, D
- ◆ Flameproof enclosure (Ex d IIB) in aluminium alloy, formed of sand casting. 8 versions (internal flange).
- ◆ 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



Zones 1&2

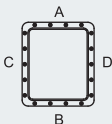
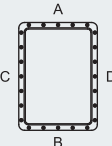
Empty Enclosures

BXT-□ Series Explosion-proof Enclosures (Ex d IIB)

Technical data	
Explosion-proof enclosures	BXT-□
Explosion protection	Ex II 2 G Ex d IIB
Certificates	LCIE 08 ATEX 0004U; IECEX CQM 08.0016U; PCEC (China)
Conformity to standards	EN 60079-0:2004, EN 60079-1:2004 IEC 60079-0:2004, IEC 60079-1:2003
Degree of protection	IP65, IP66 (optional)
Ambient temperature	-20°C~+55°C
Enclosure material	Copper-free aluminium, powder coated surface, window grey (RAL7040)
Exposed fastener	Stainless steel
Mounting feet	Carbon steel, powder coated surface
Hinge	Stainless steel

Selection table of BXT-□ series explosion-proof enclosures (internal flange)(all dimensions in mm)

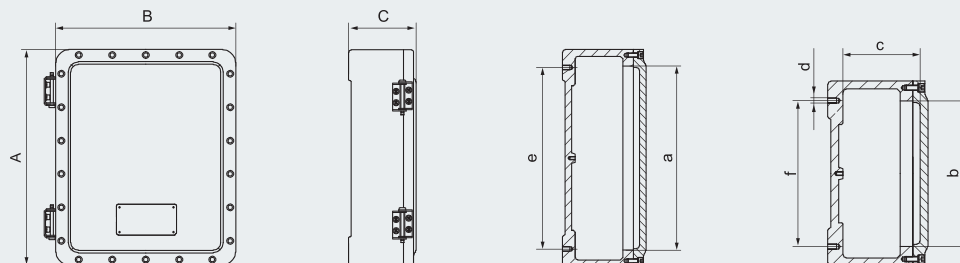
Table of max. number of possible enclosure entries

	I		II		III		IIIB	
								
Size	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D
M20 x 1.5	7	11	11	13	13	16	26	32
M25 x 1.5	6	10	10	11	11	14	22	28
M32 x 1.5	3	7	7	9	9	11	14	18
M40 x 1.5	2	3	3	4	4	5	11	14
M50 x 1.5	2	3	3	4	4	4	7	8
M63 x 1.5	1	2	2	3	3	4	5	7
	IV		IVB		V		VB	
								
Size	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D
M20 x 1.5	13	18	26	36	26	29	39	43
M25 x 1.5	11	16	22	32	17	19	34	38
M32 x 1.5	9	14	14	21	14	16	14	24
M40 x 1.5	4	6	11	15	12	13	12	20
M50 x 1.5	4	5	7	9	5	6	10	11
M63 x 1.5	3	4	5	7	4	5	8	9

Empty Enclosures

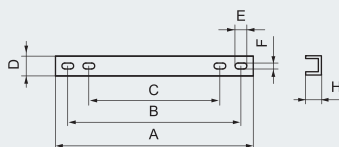
BXT-□ Series Explosion-proof Enclosures (Ex d IIB)

Selection table of BXT-□ series explosion-proof enclosures (internal flange)(all dimensions in mm)



Enclosure

Version	Dimensions									Weight (kg)
	A	a	B	b	C	c	e	f	d	
BXT-I	300	235	200	135	165	115	260	160	M8	10.50
BXT-II	350	285	300	235	165	115	290	240	M8	15.25
BXT-III	420	355	350	285	165	115	360	300	M8	21.20
BXT-IIIB	420	355	350	285	265	215	360	300	M8	23.80
BXT-IV	480	415	350	285	165	115	425	300	M10	22.75
BXT-IVB	480	415	350	285	265	215	425	300	M10	26.25
BXT-V	550	480	500	430	195	140	490	450	M10	40.20
BXT-VB	550	480	500	430	295	240	490	450	M10	45.60



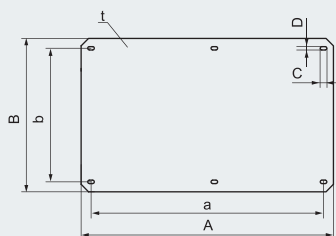
Mounting feet

Version	Dimensions						
	A	B	C	D	E	F	H
BXT-I	280	250	160	30	16	10	20
BXT-II	390	350	240	30	16	10	20
BXT-III	450	400	300	30	16	10	20
BXT-IIIB	450	400	300	30	16	10	20
BXT-IV	450	400	300	40	24	12	20
BXT-IVB	450	400	300	40	24	12	20
BXT-V	600	550	450	40	24	12	20
BXT-VB	600	550	450	40	24	12	20

Empty Enclosures

BXT-□ Series Explosion-proof Enclosures (Ex d IIB)

Selection table of BXT-□ series explosion-proof enclosures (internal flange)(all dimensions in mm)



Mounting plate

Version	Dimensions						
	A	a	B	b	C	D	t
BXT-I	226	196	126	96	14	7	2
BXT-II	276	246	226	196	14	7	2
BXT-III	346	316	276	246	16	8	2
BXT-IIIB	346	316	276	246	16	8	2
BXT-IV	406	376	276	246	16	8	2
BXT-IVB	406	376	276	246	16	8	2
BXT-V	474	444	424	394	16	8	2
BXT-VB	474	444	424	394	16	8	2