

## Empty Enclosures

### BXT- -W Series Explosion-proof Enclosures (Ex db IIB+H2)



Explosion protection to

-CENELEC

-IEC

-NEC

Can be used in

Zone 1 and Zone 2

Zone 21 and Zone 22

Class I, Zone 1 and Zone 2

Class I, Division 1, Groups C, D

Flameproof enclosure (Ex d IIB) in Copper-free Aluminium Alloy, formed of low pressure casting. 13 versions (external flange).

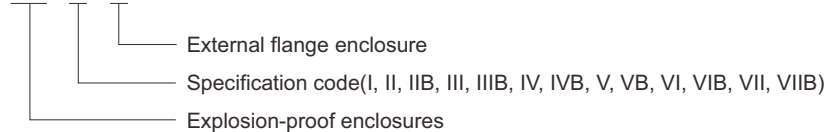
Cable entries can be drilled and components can be installed by user on request.

Safety shall be considered when installing components according to related electrical standards.

Special requirements on request.

#### Catalogue number logic

BXT - □ - W



# Zones 1&2; 21&22

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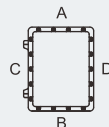
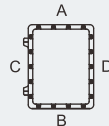
### BXT- -W Series Explosion-proof Enclosures (Ex db IIB+H2)

Technical data	
<b>Explosion-proof enclosures</b>	<b>BXT-□-W</b>
<b>Explosion protection</b>	
Global (IECEX)	IECEX CQM 14.0011U
Gas and dust	Ex db IIB+H2 Gb Ex tb IIIC Db IP66
Europe (ATEX)	LCIE 11 ATEX 3012U
Gas and dust	⊕ II 2 G Ex db IIB+H2 Gb ⊕ II 2 D Ex tb IIIC Db IP66
<b>Certificates</b>	IECEX; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-31
<b>Degree of protection</b>	IP66
<b>Internal&amp;external earthing</b>	I, II, IIB: M6/M6; III, IIIB, IV, IVB, V, VB, VI, VIB: M6/M8; VII, VIIIB: M8/M8
<b>Ambient temperature</b>	-60 ~+200
<b>Enclosure material</b>	Copper-free Aluminium Alloy, powder coated surface, window grey (RAL7040)
<b>Exposed fastener</b>	Stainless steel
<b>Mounting feet</b>	Carbon steel, power coated surface
<b>Hinge</b>	With hinge

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

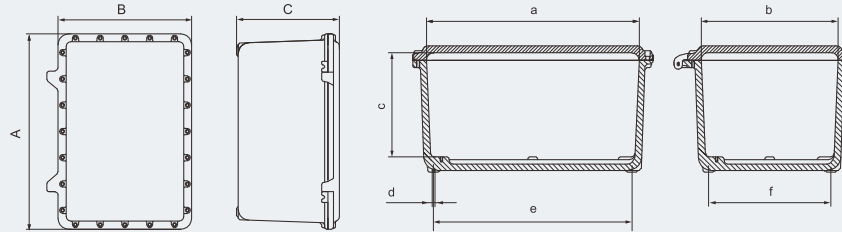
Table of max. number of possible enclosure entries

Size	I		II		IIB		III		IIIB		IV		IVB	
	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D
M20 x 1.5	5	8	5	10	5	12	10	12	16	20	12	16	22	30
M25 x 1.5	5	7	5	9	5	10	9	11	12	15	11	14	15	20
M32 x 1.5	2	3	2	4	2	6	7	9	9	12	9	12	12	16
M40 x 1.5	2	2	2	3	2	4	3	4	5	6	4	5	6	9
M50 x 1.5	1	2	1	3	1	3	3	3	4	5	3	4	5	7
M63 x 1.5	1	2	1	2	1	3	2	3	2	3	3	3	3	5
Size	V		VB		VI		VIB		VII		VIIIB			
	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D		
M20 x 1.5	14	21	24	40	20	35	30	50	30	40	45	65		
M25 x 1.5	12	19	18	27	18	30	20	36	26	36	30	44		
M32 x 1.5	10	15	14	21	15	26	18	30	20	30	25	36		
M40 x 1.5	4	7	8	12	8	13	11	18	10	16	15	21		
M50 x 1.5	4	5	5	9	6	11	6	10	8	12	12	12		
M63 x 1.5	3	5	4	7	3	5	5	9	4	6	7	10		



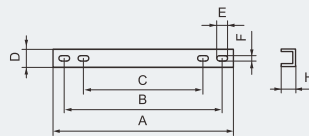
## Empty Enclosures BXT- -W Series Explosion-proof Enclosures (Ex db IIB+H2)

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



Enclosure

Version	Dimensions									Weight (kg)
	A	a	B	b	C	c	e	f	d	
BXT-I-W	250	192	200	142	170	131	180	130	M8	6.70
BXT-II-W	300	242	200	142	170	131	230	130	M8	8.00
BXT-IIB-W	350	292	200	142	170	131	280	130	M8	9.50
BXT-III-W	350	290	300	240	200	159	280	230	M10	14.50
BXT-IIIB-W	350	290	300	240	270	229	280	230	M10	17.50
BXT-IV-W	450	378	350	278	210	163	365	265	M10	23.00
BXT-IVB-W	450	378	350	278	280	233	365	265	M10	27.50
BXT-V-W	560	488	400	328	210	155	475	315	M10	34.50
BXT-VB-W	560	488	400	328	280	225	475	315	M10	39.50
BXT-VI-W	634	560	434	360	265	205	522	322	M10	46.00
BXT-VIB-W	634	560	434	360	335	275	522	322	M10	52.00
BXT-VII-W	720	640	560	480	275	215	620	460	M12	74.50
BXT-VIIB-W	720	640	560	480	345	285	620	460	M12	83.00



Mounting feet

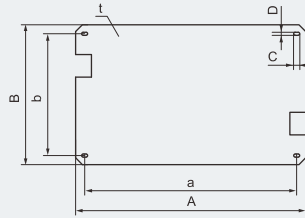
Version	Dimensions						
	A	B	C	D	E	F	H
BXT-I-W	240	200	130	30	16	10	20
BXT-II-W	240	200	130	30	16	10	20
BXT-IIB-W	240	200	130	30	16	10	20
BXT-III-W	340	300	230	40	24	12	20
BXT-IIIB-W	340	300	230	40	24	12	20
BXT-IV-W	400	350	265	40	24	12	20
BXT-IVB-W	400	350	265	40	24	12	20
BXT-V-W	450	400	315	40	26	14	20
BXT-VB-W	450	400	315	40	26	14	20
BXT-VI-W	480	430	320	40	26	14	20
BXT-VIB-W	480	430	320	40	26	14	20
BXT-VII-W	620	560	460	50	26	14	20
BXT-VIIB-W	620	560	460	50	26	14	20



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## BXT- -W Series Explosion-proof Enclosures (Ex db IIB+H2)

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



Mounting plate

Version	Dimensions						
	A	a	B	b	C	D	t
BXT-I-W	170	120	120	70	14	7	2
BXT-II-W	220	170	120	70	14	7	2
BXT-IIB-W	270	220	120	70	14	7	2
BXT-III-W	270	220	220	170	14	7	2
BXT-IIIB-W	270	220	220	170	14	7	2
BXT-IV-W	350	300	250	200	14	7	2
BXT-IVB-W	350	300	250	200	14	7	2
BXT-V-W	450	390	290	230	14	7	2
BXT-VB-W	450	390	290	230	14	7	2
BXT-VI-W	530	470	330	270	14	7	2
BXT-VIB-W	530	470	330	270	14	7	2
BXT-VII-W	600	550	440	390	14	7	2
BXT-VIIB-W	600	550	440	390	14	7	2

