

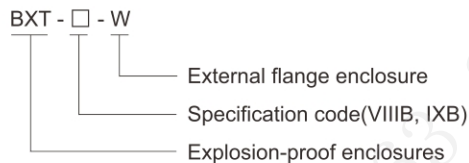
## Empty Enclosures

### BXT-□-W Series Explosion-proof Enclosures (Ex db IIB+H<sub>2</sub>)



- ◆ 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. 2 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.
- ◆ Professionally designed explosion-proof large enclosure provides space for more components.
- ◆ Adopting high-precision machining, excellent explosion-proof performance.
- ◆ Professionally designed door handles, reliable and safe when opening the door.
- ◆ Professionally designed hinges, reliable and safe when opening the door.
- ◆ Special requirements on request.

#### Catalogue number logic



#### Technical data

Explosion-proof enclosures	BXT-□-W
<b>Explosion protection</b>	
Global (IECEX)	IECEX PCET 24.0029U
Gas and dust	Ex db IIB+H <sub>2</sub> Gb Ex tb IIIC Db
Europe (ATEX)	TÜV CY 26 ATEX 0207554 U
Gas and dust	⊕ II 2 G Ex db IIB+H <sub>2</sub> Gb ⊕ II 2 D Ex tb IIIC Db
<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>	M8/M8
<b>Ambient temperature</b>	-60°C~+100°C
<b>Service temperature</b>	-60°C~+160°C
<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

## Zones 1&2; 21&22

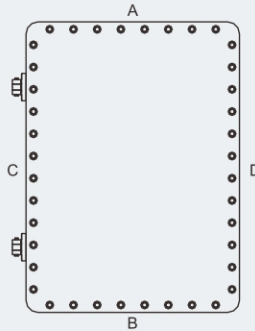
## Empty Enclosures

### 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)

BXT-VIIIIB, IXB-W

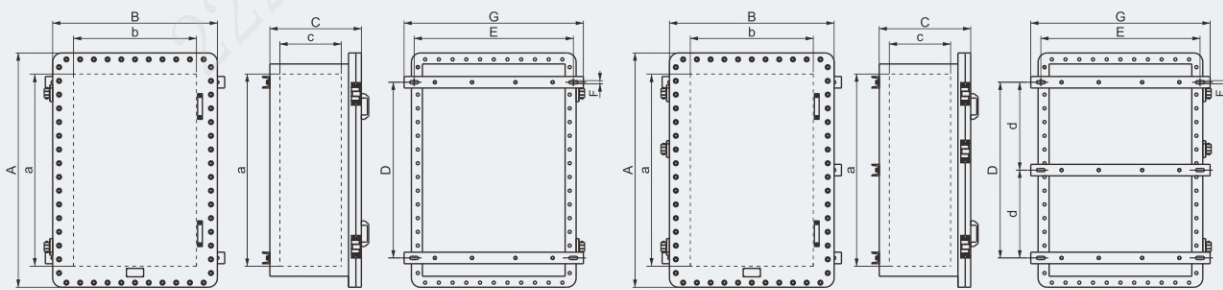
Table of max. number of possible enclosure entries



Type	A/B side		C/D side		Thread spec.
	Hole QTY	Hole distance range(mm)	Hole QTY	Hole distance range(mm)	
BXT-VIIIIB-W	28	60~70	44	60~70	NPT 1/2", M20×1.5, NPT 1/2", M25×1.5
	18	80~90	24	80~90	NPT 1", M32×1.5, NPT 1 1/4", M40×1.5
	8	110~120	12	110~120	NPT 1 1/2", M50×1.5, NPT 2", M63×1.5
	3	230~240	4	230~240	NPT 2 1/2", M75×1.5
	2	230~240	3	230~240	NPT 3", M90×1.5
	2	230~240	3	230~240	NPT 4", M115×1.5
BXT-IXB-W	45	60~70	70	60~70	NPT 1/2", M20×1.5, NPT 3/4", M25×1.5
	24	80~90	32	80~90	NPT 1", M32×1.5, NPT 1 1/4", M40×1.5
	15	110~120	24	110~120	NPT 1 1/2", M50×1.5, NPT 2", M63×1.5
	3	230~240	5	230~240	NPT 2 1/2", M75×1.5
	3	230~240	4	230~240	NPT 3", M90×1.5
	2	230~240	4	230~240	NPT 4", M115×1.5



#### Dimension drawings (all dimensions in mm) - subject to alteration



BXT-VIIIIB-W

BXT-IXB-W

Model	A	B	C	a	b	c	d	D	E	F	G
BXT-VIIIIB-W	980	720	425	800	540	270	-	830	700	14	750
BXT-IXB-W	1280	900	500	1050	670	330	540	1080	850	14	900