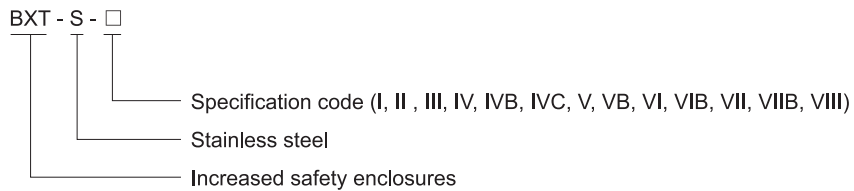


Empty Enclosures BXT-S Series Increased Safety Enclosures (Ex e)



- ◆ 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



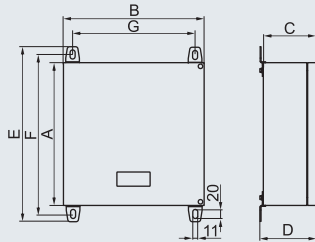
| Technical data | |
|---------------------------------------|--|
| Increased safety enclosures | BXT-S-□ |
| Explosion protection | ⊕ II 2 G Ex e II Gb |
| Certificates | LCIE 10 ATEX 3070U; RU C-CN.ГБ05.В.00345(CU-TR) |
| Conformity to standards | EN 60079-0, EN 60079-7 IEC 60079-0, IEC 60079-7 |
| 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

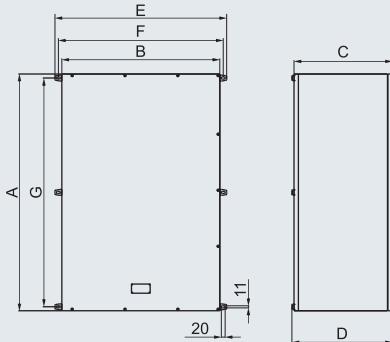
Empty Enclosures

BXT-S Series Increased Safety Enclosures (Ex e)

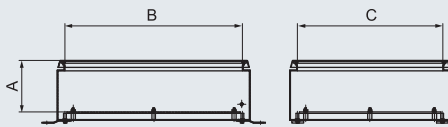
Selection table of BXT-S series increased safety enclosures (all dimensions in mm)



BXT-S-I~BXT-S-VIIIb



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 | 190 | 156 | 80 |
| BXT-S-II | 170 | 150 | 90 | 100 | 260 | 226 | 110 |
| BXT-S-III | 250 | 250 | 150 | 160 | 320 | 286 | 210 |
| BXT-S-IV | 300 | 300 | 150 | 160 | 370 | 336 | 260 |
| BXT-S-IVb | 400 | 300 | 150 | 160 | 470 | 436 | 260 |
| BXT-S-IVc | 400 | 300 | 250 | 260 | 470 | 436 | 260 |
| BXT-S-V | 480 | 480 | 150 | 160 | 550 | 516 | 440 |
| BXT-S-Vb | 480 | 480 | 250 | 260 | 550 | 516 | 440 |
| BXT-S-VI | 600 | 500 | 200 | 210 | 670 | 636 | 460 |
| BXT-S-VIb | 600 | 500 | 300 | 310 | 670 | 636 | 460 |
| BXT-S-VII | 860 | 640 | 220 | 230 | 930 | 896 | 600 |
| BXT-S-VIIb | 860 | 640 | 320 | 330 | 930 | 896 | 600 |
| BXT-S-VIII | 1000 | 800 | 300 | 310 | 870 | 836 | 1160 |

Note: Other dimensions on request

Internal

| Version | Dimensions | | | Weight (kg) |
|------------|------------|-----|-----|-------------|
| | A | B | C | |
| BXT-S-I | 60 | 76 | 76 | 2.25 |
| BXT-S-II | 60 | 126 | 106 | 3.60 |
| BXT-S-III | 120 | 206 | 206 | 7.40 |
| BXT-S-IV | 120 | 243 | 243 | 8.70 |
| BXT-S-IVb | 120 | 343 | 243 | 11.50 |
| BXT-S-IVc | 220 | 343 | 250 | 13.70 |
| BXT-S-V | 120 | 423 | 423 | 18.60 |
| BXT-S-Vb | 220 | 423 | 423 | 21.70 |
| BXT-S-VI | 170 | 543 | 443 | 25.70 |
| BXT-S-VIb | 270 | 543 | 443 | 29.20 |
| BXT-S-VII | 190 | 803 | 583 | 40.10 |
| BXT-S-VIIb | 290 | 803 | 583 | 44.90 |
| BXT-S-VIII | 270 | 743 | 943 | 55.40 |

Mounting plate

| Version | Dimensions | | | | | | |
|------------|------------|-----|-----|-----|---|----|---|
| | A | B | C | D | E | F | t |
| BXT-S-I | 80 | 70 | 60 | 52 | 6 | 10 | 2 |
| BXT-S-II | 110 | 90 | 90 | 70 | 6 | 10 | 2 |
| BXT-S-III | 190 | 190 | 160 | 166 | 6 | 10 | 2 |
| BXT-S-IV | 240 | 240 | 216 | 216 | 6 | 10 | 2 |
| BXT-S-IVb | 340 | 240 | 316 | 216 | 6 | 10 | 2 |
| BXT-S-IVc | 340 | 240 | 316 | 216 | 6 | 10 | 2 |
| BXT-S-V | 420 | 420 | 390 | 390 | 6 | 10 | 2 |
| BXT-S-Vb | 420 | 420 | 390 | 390 | 6 | 10 | 2 |
| BXT-S-VI | 540 | 440 | 510 | 410 | 6 | 10 | 2 |
| BXT-S-VIb | 540 | 440 | 510 | 410 | 6 | 10 | 2 |
| BXT-S-VII | 800 | 580 | 770 | 550 | 6 | 10 | 2 |
| BXT-S-VIIb | 800 | 580 | 770 | 550 | 6 | 10 | 2 |
| BXT-S-VIII | 940 | 740 | 916 | 716 | 6 | 10 | 2 |

