

BTE_x

CONTROL AND SIGNALING BUTTONS FOR EXPLOSIVE ATMOSPHERES

PROTECTION: Ex e – Ex d e – Ex d e ia

ZONES: 1 and 2

GROUPS: IIC

TEMP. CLASS GASES AND VAPORS: T6

EPL: Gb

DEGREE OF PROTECTION: IP66

APPLICABLE STANDARDIZING:

ABNT NBR IEC 60079-0 | ABNT NBR IEC 60079-1

ABNT NBR IEC 60079-7 | ABNT NBR IEC 60079-18



BTE_x-240/1



BTE_x-240/2



BTE_x-240/3



BTE_x-240/5



BTE_x-240/6

TECHNICAL SPECIFICATIONS

- Boxes with **Ex e** (increased safety) for installation in potentially explosive atmospheres.
- Made in **black polyamide**.
- Lid fastened with **stainless steel bolts**.
- Internal grounding terminal.
- Sealing unit.
- Top and bottom entries supplied with cable crimp **M20, M25, or M32**.

BTE_x

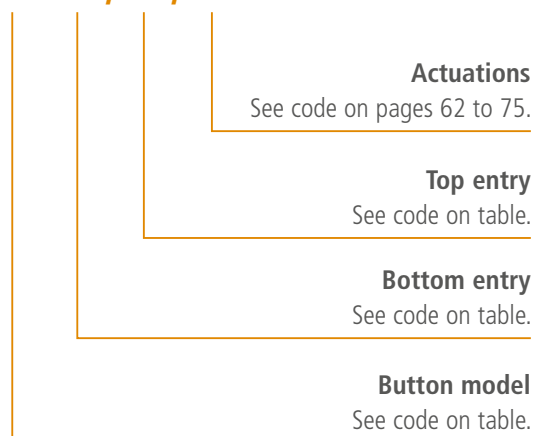
| MODEL | BOTTOM ENTRY (X) | | TOP ENTRY (S) | | COMBINATIONS AND QUANTITIES | DIMENSIONS |
|------------------------|------------------|-------------|---------------|-------------|-----------------------------|------------|
| | CODE | CABLE CRIMP | CODE | CABLE CRIMP | | |
| BTE _x 240/1 | X-A02 | 1 x M20 | S-A02 | 1 x M20 | | |
| | X-A03 | 1 x M25 | S-A03 | 1 x M25 | | |
| BTE _x 240/2 | X-A02 | 1 x M20 | S-A02 | 1 x M20 | | |
| | X-A03 | 1 x M25 | S-A03 | 1 x M25 | | |
| BTE _x 240/3 | X-A02 | 1 x M20 | S-A02 | 1 x M20 | | |
| | X-A03 | 1 x M25 | S-A03 | 1 x M25 | | |
| BTE _x 240/5 | X-A03 | 1 x M25 | S-A03 | 1 x M25 | | |
| | X-A04 | 1 x M32 | S-A04 | 1 x M32 | | |
| | 2X-A02 | 2 x M20 | 2S-A02 | 2 x M20 | | |
| | 2X-A03 | 2 x M25 | 2S-A03 | 2 x M25 | | |
| BTE _x 240/6 | X-A03 | 1 x M25 | S-A03 | 1 x M25 | | |
| | X-A04 | 1 x M32 | S-A04 | 1 x M32 | | |
| | 2X-A02 | 2 x M20 | 2S-A02 | 2 x M20 | | |
| | 2X-A03 | 2 x M25 | 2S-A03 | 2 x M25 | | |

Types of actuation: 2-pole actuation = (1) (2) (3) (4) (P)
 4-pole actuation = (H)
 Measuring equipment (ammeter and voltmeter) = (M)

Cable crimp: M20: crimping range from Ø 5.5 to 13mm
 M25: crimping range from Ø 8 to 17 mm
 M32: crimping range from Ø 12 to 21 mm

HOW TO REQUEST

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| ACTUATION | L (mm) |
|--|--------|
| Single push button 1.5 | 15,5 |
| Double push button 1.5 | 15,5 |
| Emergency push button 40.5 | 40,5 |
| Commutator 31 | 31 |
| Pilot Light 23,5 | 23,5 |
| Potentiometer 31 | 31 |
| Cap (ammeter and voltmeter) 12 | 12 |
| Single push button with pilot light 17.5 | 17,5 |
| Emergency push button with key 28 | 28 |
| Push button with key 24 | 24 |

- **Example 1:** Control station with 1 red push button 1NA+1NF with "STOP" engraving, supplied with 1 M20 cable crimp in the bottom entry.

Order:

BTEEx-240/1 - X-A02 / ACEX 201 P1 60 24

- **Example 2:** Control station with 1 green 220V pilot light, 1 220V red pilot light, and 1 emergency push button 1NA+1NF, supplied with 1 M25 cable crimp in the top entry and 1 M25 cable crimp in the bottom entry.

Order:

**BTEEx-240/3 - X-A03 - S-A03 / ACEX 202 LG 601
ACEX 202 LR 601 / ACEX 201 P3 60**