ITAK EXI BXT 24 (989 408)

- Prewired unit for two Ex(i) circuits
- Self-capacitance and self-inductance negligibly small
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_B -2 and higher

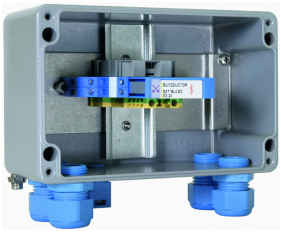
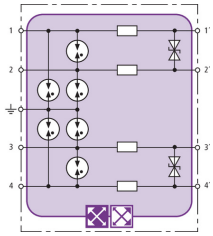
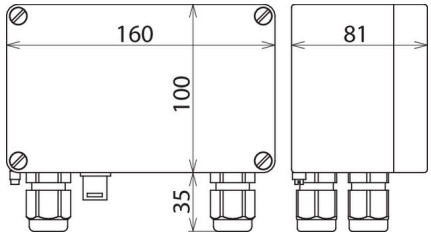


Figure without obligation



Basic circuit diagram ITAK EXI BXT 24



Dimension drawing ITAK EXI BXT 24

Prewired BXT ML4 BD EX 24 and BXT BAS EX surge arrester unit completely mounted in a junction box for intrinsically safe measuring circuits, meets FISCO requirements.

Type Part No.	ITAK EXI BXT 24 989 408
SPD class	TYPE 2 P1
SPD monitoring system	LifeCheck
Nominal voltage (U_N)	24 V
Max. continuous operating voltage (d.c.) (U_C)	33 V
Max. input voltage acc. to EN 60079-11 (U_i)	30 V
Max. input current acc. EN 60079-11 (I_i)	0.5 A
Total nominal discharge current (8/20 µs) (I_n)	20 kA
Nominal discharge current (8/20 µs) per line (I_n)	5 kA
Voltage protection level line-line for I_n C2 (U_P)	≤ 52 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 1400 V
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 45 V
Voltage protection level line-PG at 1 kV/µs C3 (U_P)	≤ 1100 V
Series resistance per line	1.0 ohm
Cut-off frequency line-line (f_G)	7.7 MHz
Capacitance line-line (C)	0.8 nF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 65
For mounting on	walls in Ex zone 1, 2
Connection (input / output)	cable gland (M20 x 1.5)
Cross-sectional area, solid	0.08-4 mm^2
Cross-sectional area, flexible	0.08-2.5 mm^2
Cross-sectional area (equipotential bonding)	4 mm^2
Tightening torque (terminals)	0.4 Nm
Earthing via	screw terminal on enclosure panel
Enclosure material	aluminium, grey
Test standards for installed BXT	IEC 61643-21 / EN 61643-21
Approvals for installed BXT	CSA, ATEX, IECEx, CSA & USA Hazloc, SIL
Weight	1 kg
Customs tariff number (Comb. Nomenclature EU)	85371098
GTIN	4013364120396
PU	1 pc(s)