

FBT1-IS FIELDBUS TERMINATOR



The fieldbus standards require that busses must be terminated at both ends. The FBT1-IS unit provides a fieldbus termination for mounting on DIN rail in either safe or hazardous areas. The FBT1-IS is fully compatible with FISCO or entity approved IS power supplies.

SPECIFICATION

Physical network

IEC61158-2
FOUNDATION™ Fieldbus H1
Profibus PA

Location of unit

Zone 0, IIC, T4

Operational ambient temperature limits

-40° C to +70° C

Electrical characteristics

Fully complies with the requirements of section 22.7.5 of the appropriate fieldbus standards.

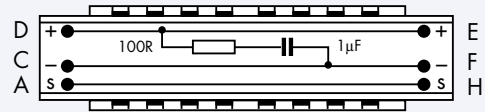
$R_{min} = 99\Omega$, $C_{max} = 1.1\mu F$

Safety description

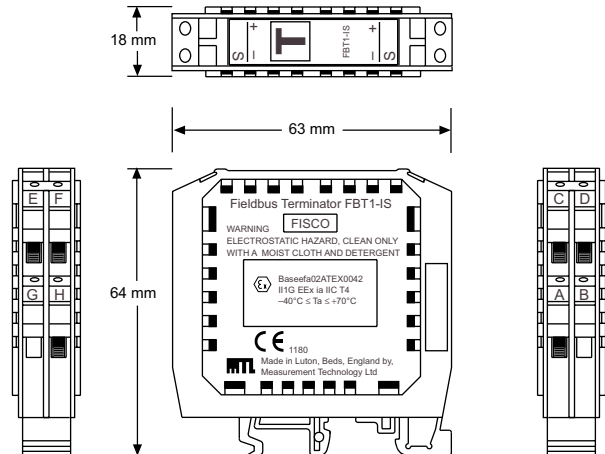
Entity: $U_i = 24V$, $I_i = 250mA$, $C_i = 0$, $L_i = 0$, $P_i = 1.2W$

FISCO: $U_i = 17.5V$, $I_i = 380mA$, $C_i = 0$, $L_i = 0$, $P_i = 5.32W$

Hazardous area



DIMENSIONS (mm)



APPROVALS

Country (Authority)	Standard	Certificate/ file No.	Approved for
Canada (CSA)	C22.2 No 157	Pending	Class 1, Div 2 Gps A–G
UK (BASEEFA to CENELEC standards)	BS5501: Pts 1 & 7: 1977 EN50014 & EN50020	Baseefa02ATEX0042	EEx ia IIC T4
USA (FM)	3610 entity	Pending	Class 1, Div 1 Gps A–G



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