

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

FBT-6-a Fieldbus Network Monitor

IS / I / 1 / ABCD / T4 Ta = +50°C - 501-353; Entity; FISCO
I / 0 / AEx ia IIC T4 Ta = +50°C - 501-353; Entity; FISCO
NI / I / 2 / ABCD / T4 Ta = +50°C - 501-353; NIFW, FNICO
I / 2 / IIC / T4 Ta = 50°C - 501-353; NIFW, FNICO

a = PA or blank

Entity parameters

V_{max} = 24V
I_{max} = 250mA
C_i = 0
L_i = 0
P_i = 1.2W
V_{oc} = 0
I_{sc} = 0

FISCO parameters

V_{max} = 17.5V
I_{max} = See Table
P_i = 5.32W
C_i = 0
L_i = 0
V_{oc} = 0
I_{sc} = 0

Nonincendive Field Wiring parameters

V_{max} = 32V
C_i = 0
L_i = 0
V_{oc} = 0
I_{sc} = 0

FNICO parameters

V_{max} = 17.5V
I_{max} = See Table



Member of the FM Global Group

Ci = 0
Li = 0
Voc = 0
Isc = 0

	Division 1	Division 2
Groups A,B	183 mA	274 mA
Groups C, D	380 mA	570 mA

	Zone 0 and 1	Zone 2
Group IIC	183 mA	274 mA
Group IIB, IIA	380 mA	570 mA

Special conditions of use

1. The USB connector shall only be connected to other apparatus when the FBT-6 is located in an unclassified location.

Equipment Ratings:

Intrinsically safe for Class I, Division 1, Groups A,B,C,&D and Class I, Zone 0, Group IIC when used in accordance with the Entity and FISCO concepts and Control Drawing 501-353. Temperature Class T4 at an ambient of 50°C

Nonincendive for Class I, Division 2, Groups A, B, C, & D and Class I Zone 2 when used in accordance with the NIFW and FNICO concepts and Control Drawing 501-353. Temperature Class T4 at an ambient of 50°C.

FM Approved for:

Relcom Inc, 2221 Yew St, Forest Grove OR 97116



This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3610	2010
Class 3611	2004
Class 3810	2005
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-11	2009

Original Project ID: 3023564

Approval Granted: October 26, 2006

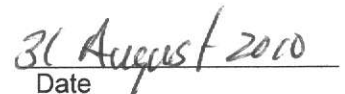
Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
061124	November 30, 2006		
100824	August 31, 2010		

FM Approvals LLC



J. E. Marquardt
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Date