



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA24132M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: Cooper Industries Japan K.K., Tokyo, Japan

MANUFACTURER: Eaton Electric Limited, United Kingdom

PRODUCT: Safety Barrier

TYPE NO.: MTL7756ac

TYPE TEST NO.: 05T603

PARTICULARS:

Construction	Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit	Max. output voltage 3V
	Max. output current 300mA
	Max. output power 0.225W
	External capacitance 100 μ F
	External inductance 0.46mH or L/R Ratio 145 μ H/ Ω
Non-intrinsically safe circuit	250V a.c., 50/60Hz or 250V d.c. max.
Ambient temperature	60 $^{\circ}$ C
Standards	IEC60079-0, IEC60079-11

CONDITION: Intrinsically safe apparatus connecting to the above product is to be certified or approved by Society.

DOCUMENTATION: SCI-7756ac, CI7700-1 1/4 ~ 4/4, CI7700-2 1/10 ~ 3/10 5/10 6/10 8/10, CI7756-1 1/4 ~ 4/4, SCI-946, BAS01ATEX7217, Certification Report No.00(C)1001

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 22 February 2029.

Issued at Tokyo on 26 February 2024.

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S. Oishi
General Manager
Machinery Department



Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.