



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA24133M

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.: MTL7760ac

TYPE TEST NO.: 05T604

PARTICULARS: Construction Intrinsicly safe type (Ex ia IIC)
Intrinsicly safe circuit Max. output voltage 10V
Max. output current 200mA
Max. output power 0.5W
External capacitance 3.000 μ F
External inductance 0.91mH or L/R Ratio 74 μ H/ Ω

Non-intrinsicly safe circuit 250V a.c., 50/60Hz or 250V d.c. max.
Ambient temperature 60 $^{\circ}$ C
Standards IEC60079-0,
IEC60079-11


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

DOCUMENTATION: SCI-7760ac, CI7700-1 1/4 ~ 4/4, CI7700-2 1/16 ~ 13/16 15/16, CI7760-1 1/4 ~ 4/4, SCI-946 1/2 ~ 2/2, BAS01ATEX7217, Certification Report No.00(C)1001, BAS01ATEX7217/1, Certification Report No.00(C)1001/1

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.


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.