



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA22425M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: Eaton Electric Limited, England

PRODUCT: Intrinsically Safe Type Solenoid / Alarm Drivers

TYPE NO.: MTL5521

TYPE TEST NO.: 12T605

PARTICULARS: Construction Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit Max. output voltage 25V
Max. output current 147mA
Max. output power 0.92W
External capacitance 0.11 μ F
External inductance 1.4mH or L/R
Ratio 40 μ H/ohm

Non-intrinsically safe circuit 35V d.c. max.
Standards IEC60079-0:2004, IEC60079-11:2006,
IEC61241-11:2005

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

DOCUMENTATION: CI5521-1, CI4521-1, IECEx ExTR Ref. No. GB/BAS/ExTR07.0128/00

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 17 July 2027.

Issued at Tokyo on 8 August 2022.


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.