



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA17432M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: Eaton Electric Limited, England

PRODUCT: Intrinsically Safe Type Resistance Isolator

TYPE NO.: MTL5582

TYPE TEST NO.: 12T612

PARTICULARS: Construction Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit Max. output voltage 6.6V
Max. output current 42mA
Max. output power 69.3mW
External capacitance 22.0 μ F
External inductance 20.1mH or L/R
Ratio 513 μ H/ohm

Non-intrinsically safe circuit 250V a.c./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: CI4582-1, IECEx ExTR Ref. No. GB/BAS/ExTR10.0246/00 and IECEx ExTR Ref. No. GB/BAS/ExTR10.0247/00

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 2022

Issued at Tokyo on 15 September 2017



F. Taguchi
General Manager
Machinery Department

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