



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA22423M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: Cooper Industries Japan K.K.

MANUFACTURER: Eaton Electric Ltd., England

PRODUCT: Safety Barriers

TYPE NO.: MTL7796+/-

TYPE TEST NO.: 17T607

PARTICULARS:

Construction	Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit	Max. output voltage 26V
	Max. output current 138mA
	Max. output power 0.81W
	External capacitance 0.1 μ F
	External inductance 1.95mH or L/R Ratio 34 μ H/ Ω
Non-intrinsically safe circuit	250V a.c., 50/60Hz or 250V d.c. max.
Ambient temperature	60°C
Standards	JIS 60079-11

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

DOCUMENTATION: SCI-7796, SS-MTL7796+/-, TIS Certificate No. TC16446
(TIS: Technology Institution of Industrial Safety, Japan)

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 18 July 2027.

Issued at Tokyo on 8 August 2022.



S. Oishi
General Manager
Machinery Department

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