

Certificate of Compliance

Certificate: 1181275

Master Contract: 190113 (LR 113631)


Project: 1181275


Date Issued: May 9, 2001

Issued to: ABB Automation Products
Hartmann & Braun GmbH & Co. KG
Borsigstrasse 2
D-63755 Alzenau
Germany
Attention: Mr. Bernhard Prause

The products listed below are eligible to bear the CSA Mark shown




Issued by: E. Klier, P. Eng.


Authorized by: Brian Rossborough
Operations Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div 1, Groups A, B, C, D; Class II, Div 1, Groups E, F, G; Type 4X:

- TR204-Exd Temperature Transmitter-Analog (AGLF enclosure) rated 16.5 to 30V dc, 28mA max.
- TS202-Exd Temperature Transmitter-Programmable (AGLF enclosure) rated 17.5 to 30V dc, 22mA max.
- TH202-Exd Temperature Transmitter-Hart Programmable (AGLF enclosure) rated 14.5 to 30V dc, 24mA max.

Class I, Div 1, Groups B, C, D; Class II, Div 1, Groups E, F, G; Type 4X:

- TR204-Exd Temperature Transmitter-Analog (AGL enclosure) rated 16.5 to 30V dc, 28mA max.
- TS202-Exd Temperature Transmitter-Programmable (AGL enclosure) rated 17.5 to 30V dc, 22mA max.
- TH202-Exd Temperature Transmitter-Hart Programmable (AGL enclosure) rated 14.5 to 30V dc, 24mA max.

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CSA INTERNATIONAL

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APPLICABLE REQUIREMENTS

CSA Std C22.2 No.	25-1966	-	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA Std C22.2 No.	30-M1986	-	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA Std C22.2 No.	142-M1987	-	Process Control Equipment

MARKINGS

- Company Name
- Model number
- Serial number
- Electrical rating
- CSA Monogram
- Hazardous Location designation
- Special purpose enclosure designation, "Type 4X"
- CSA Monogram
- Temperature Code Rating
- Max ambient
- Caution re keeping cover tight while circuits are live



CSA INTERNATIONAL

Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
1181275	May 9, 2001	Original Certification.