

CERTIFICATE OF COMPLIANCE

Certificate Number 20170720 - E180220
Report Reference E180220-20121203
Issue Date 2017-JULY-20

Issued to: HORNER APG L L C
59 S STATE AVE
INDIANAPOLIS IN 46201

**This is to certify that
representative samples of**

PROGRAMMABLE CONTROLLERS FOR USE IN
HAZARDOUS LOCATIONS
See Addendum Page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

ANSI/ISA 12.12.01 - Nonincendive Electrical Equipment for
Use in Class I and II, Division 2 and Class III, Divisions 1
and 2 Hazardous (Classified) Locations
CAN/CSA C22.2 No. 213-M1987 - Non-incendive Electrical
Equipment for Use in Class I, Division 2 Hazardous
Locations

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as
being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US
and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and
"US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL;
and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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contact a local UL Customer Service Representative at www.ul.com/contactus



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

ADDENDUM –

PRODUCT COVERED:

Programmable Logic Controller, Operator Control stations, ZX series, Models HE-ZX452, HM-MZX452, HE-ZX752, HM-MZX752, HE-ZX1152 and HM-MZX1152 for use in Class I, Division 2, Groups A, B, C, and D Hazardous Locations

RATINGS:

ELECTRICAL RATINGS:

Model Name	Rated Power Input Voltage	Output Type
HE-ZX452, HM-MZX452	9 – 36 Vdc Class 2	2 x USB 2.0 2 x RJ45 – 10/100/1000 Mbps 1 x VGA 1 x RS-252 COM PORT 1 x RS-485 COM PORT 1 x CAN BUS
HE-ZX752, HM-MZX752		4 x USB 2.0 2 x RJ45 – 10/100/1000 Mbps 1 x VGA 2 x RS-232 COM PORT 1 x RS-232/422/485 COM PORT 1 x CAN BUS (2 Channel)
HE-ZX1152, HM-MZX1152		4 x USB 2.0 2 x RJ45 – 10/100/1000 Mbps 1 x VGA 2 x RS-232 COM PORT 1 x RS-232/422/485 COM PORT 1 x CAN BUS (2 Channel)

Temperature rating: -20 TO 45°C

Maximum ambient 45°C

Environmental rating:

Suitable for flat surface mounting on a Type 4X indoor use only enclosure



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