CERTIFICATE OF COMPLIANCE

Certificate Number	20170720-E180220
Report Reference	E180220-20121116
Issue Date	2017-JULY-20
Issued to:	HORNER APG L L C 59 S STATE AVE INDIANAPOLIS, IN 46201-3876 USA
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:	Standard for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations, ANSI/ISA 12.12.01. Standard for Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations, CAN/CSA C22.2 No. 213-M1987. Standard for Industrial Control Equipment, UL 508. Standard for Process Control Equipment, CAN/CSA C22.2 No. 142-M1987.
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: c UL us 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

William R. Carney, Director, North American Certification Programs

UL LLC

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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:

USL, CNL - Open-Type Programmable Controllers, Models HE559DIQ816 HE559DIM610, HE559DIM710, HE559DQM602, HE559DQM606, HE559DQM706, HE599CNX100, HE599COS100, HE599DNX100, HE599ETX200 and HE599ETX300, may be followed by a suffix, for use in Class I, Div. 2 Groups A, B, C and D Hazardous Locations.

RATINGS:

Environmental:

Maximum Surrounding Air Temperature Rating: 55°C

Electrical - The electrical ratings are summarized in the following tables. Load Type: Resistive Loads Only.

INPUT / OUTPUT Modules:

Models	System Power	Input Rating	Output Rating	
			Relay	Transistor
HE559DIQ816	24 Vdc, 350 mA	24 Vdc, 5 mA/point, 16 point/COM	N/A	24 Vdc, 0.5 A/point, 16 point/COM, MAX. 3 A/COM

INPUT Modules:

Models	System Power	Input Rating	Output Rating
HE559DIM610, HE559DIM710	24 Vdc, 200 mA	24 Vdc, 7 mA/point, 16 point/COM	N/A

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OUTPUT Modules:

Models	System Power	Input Rating	Output Rating	
			Relay	Transistor
HE559DQM606	24 Vdc, 280 mA	N/A	N/A	24 Vdc, 0.5 A/point, 16 point/COM, MAX. 3 A/COM
HE559DQM706	24 Vdc, 380 mA	N/A	N/A	24 Vdc, 0.5 A/point, 16 point/COM, MAX. 3 A/COM
HE559DQM602	24 Vdc, 550 mA	N/A	24 Vdc, 250 Vac, 2 A/point, 8 point/COM, MAX. 5 A/com	N/A

Smart I/O Adaptor Series:

Models	System Power *	Input Rating	Output Rating
HE599CNX100, HE599COS100	24 Vdc, 0.55 A	-	5 Vdc, Max. 1.5 A
HE599DNX100	24 Vdc, 0.55 A	-	5 Vdc, Max. 1.5 A
HE599ETX200, HE599ETX300	24 Vdc, 0.55 A	-	5 Vdc, Max. 1.5 A

NOTE * - All field-wiring connections to this unit shall be from Limited Voltage / Limited Current or Class 2 secondary circuits as defined in UL 508, 17th Edition.

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