

CE DECLARATION OF CONFORMITY: I/O PRODUCT LINE



The undersigned representative of Manufacturer:
Horner APG, LLC
 59 South State Ave.
 Indianapolis, IN 46201, USA

and the authorized representative established at:
Horner Ireland
 Unit 1, Centrepoint, Centre Park Road
 Cork, Ireland

Hereby declares that the products in the following family:
Horner X-Series Controllers and Accessories (reference attached list of part numbers)

Are in conformance with the provisions of the following EC Directives

2014/34/EU	ATEX Directive
2014/30/EU	Electromagnetic Compatibility Directive (EMC)
2014/35/EU	Low Voltage Directive (LVD)
2011/65/EU	RoHS Directive

through the application of the following standards:

EN 61131-2:2007	Programmable Controllers - Part 2 - Equipment Requirements and tests.
EN 61000-6-2:2005	Electromagnetic compatibility (EMC) Generic Standards- Part 6-2: Immunity for industrial environments.
EN 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) Generic Standards- Part 6-4: Emissions standard for industrial environments.
EN 60079-0:2012	Electrical apparatus for explosive gas atmospheres- Part 0: General requirements.
EN 60079-15:2010	Electrical apparatus for explosive gas atmospheres- Part 15: Construction, test and marking of type of protection "n" electrical apparatus.



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The Authorized Signatory to this declaration, on behalf of the manufacturer, is identified below:

NAME: Philip Horner
 TITLE: President
 ADDRESS: 59 South State Aveue, Indianapolis, IN 46201, USA

SIGNATURE:  DATE: 9/17/2020

The responsible Person, based with the EC is identified below:

NAME: Richard Cooper
 TITLE: V.P. Horner APG
 ADDRESS: Horner Ireland, Unit 1, Centrepoint, Centre Park Road, Cork, Ireland

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Part Number	Controller Family	Description	Directive		
			EMC	LVD	ATEX
HE569DQM204	SmartBlock	275VAC solid state relay	✓	✓	
HE569DQM205	SmartBlock	35VDC solid state relay	✓	✓	✓
HE569DQM212	SmartBlock	30VDC, 250VAC, solid state relay	✓	✓	
HE579ACM300	SmartBlock	Power and energy monitor with three current and voltage inputs, CsCAN CAN network connection and on board relay	✓	✓	✓
HE579ADC570/970	SmartBlock	Analog input module with 12 input channels, 5V /10V / 4-20mA / 20mA, CsCAN	✓	✓	✓
HE579DAC107	SmartBlock	4 channel current and voltage output 0-5V / 0-10V / 4-20mA / 0-20mA - CsCAN	✓	✓	✓
HE579DAC207	SmartBlock	8 channel current and voltage output 0-5V / 0-10V / 4-20mA / 0-20mA - CsCAN	✓	✓	✓
HE579DIQ880	SmartBlock	I/O module with 8DC inputs and 8 relay outputs	✓	✓	
HE579DIQ881	SmartBlock	I/O module with 8DC inputs and 8DC outputs	✓	✓	✓
HE579MIX102	SmartBlock	I/O module with 6 relays, 12 DC inputs and 4 analog outputs	✓	✓	
HE579MIX105	SmartBlock	I/O module with 12 DC Out, 12 DC In, 2 Analog In, 2 Analog Out	✓	✓	✓
HE579MIX577	SmartBlock	I/O module with 4 Analog In, 2 Analog Out	✓	✓	✓
HE579MIX977	SmartBlock	I/O module with 8 Analog In, 4 Analog Out	✓	✓	✓
HE579RTD100	SmartBlock	I/O module, 4-channel RTD	✓	✓	✓
HE579RTD200	SmartBlock	I/O module, 8-channel RTD	✓	✓	✓
HE579THM100	SmartBlock	I/O module, 4-channel thermocouple	✓	✓	✓
HE579THM200	SmartBlock	I/O module, 8-channel thermocouple	✓	✓	✓
HE359DIQ512	SmartMod	4 DC Inputs (12/24VDC neg logic), 4 Relay Outputs (250vac, 30VDC, 2A max). 2000vac isolation (in-RS485 & in-power)	✓	✓	
HE359ADC107	SmartMod	4 channel Analog Inputs, Voltage (+/-10VDC) 1mV resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359ADC120	SmartMod	4 channel Analog Inputs, Current (4-20mA), 1uA resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359DIM610	SmartMod	12 DC Inputs (12/24VDC, neg logic). 2000vac isolation (in-RS485 & in-power)	✓	✓	
HE359RTD100	SmartMod	4 channel RTD Inputs (Pt-100, Ni-100, Pt-1000, Ni-1000) or Resistance Inputs (0-2000ohm). 0.1 degree Celsius resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359THM100	SmartMod	4 channel Thermocouple Inputs (Types J,K,R,S,B,E,T,N) or millivolt inputs (+/-1000mV, max). 0.1 degrees Celsius resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359DAC007	SmartMod	2 channel Analog Outputs, selectable between Voltage (0-10VDC) and Current (0-20mA). 1mV or 1uA resolution. 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359ADC207	SmartMod	8 channel Analog Inputs, Voltage (+/-10VDC) 1mV resolution, 2000vac isolation (ch-RS-485 & ch-power)	✓	✓	
HE359ADC220	SmartMod	8 channel Analog Inputs, Current (4-20mA), 1uA resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359DAC107	SmartMod	4 channel Analog Outputs, selectable between Voltage (0-10VDC) and Current (0-20mA). 1mV or 1uA resolution. 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359THM200	SmartMod	8 channel Thermocouple Inputs (Types J,K,R,S,B,E,T,N) or millivolt inputs (+/-1000mV, max). 0.1 degrees Celsius resolution, 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE359DAC201	SmartMod	8 channel Analog Outputs, Voltage (0-10VDC) 1mV resolution. 2000vac isolation (ch-RS485 & ch-power)	✓	✓	
HE559DIM610	SmartStix	16 DC Inputs (pos/neg logic) for CsCAN with removable field terminals	✓	✓	
HE559DQM602	SmartStix	16 Relay Outputs (2A) for CsCAN with removable field terminals	✓	✓	
HE559DQM606	SmartStix	16 DC Outputs (pos logic) 0.5A for CsCAN with removable field terminals	✓	✓	

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HE559DIM710	SmartStix	32 DC Inputs (pos/neg logic) for CsCAN with removable field terminals	✓	✓	
HE559DIQ816	SmartStix	16 DC Inputs (pos/neg logic) plus 16 DC Outputs (pos logic) 0.5A for CsCAN with removable field terminals	✓	✓	
HE559DQM706	SmartStix	32 DC Outputs (pos logic) 0.5A for CsCAN with removable field terminals	✓	✓	
HE559MIX577	SmartStix	4 Analog Inputs (+/-10V, +/-20mA) 14-bit resolution + 2 Analog Outputs (+/-10V, +/-20mA) 14-bit resolution. Channel-by-Channel voltage/current selection for all channels. For CsCAN with removable field terminals	✓	✓	
HEDIM310	SmartStack	16 DC Inputs (12/24VDC, pos/neg logic).	✓	✓	
HEDQM306	SmartStack	16 DC Outputs (12/24VDC, 0.5A pos logic w/ ESCP)	✓	✓	
HEADC110	SmartStack	12-bit, 4 channel Analog Inputs, Voltage (0-5VDC, +/-5VDC, 0-10VDC, +/-10VDC)	✓	✓	
HEADC120	SmartStack	12-bit, 4 channel Analog Inputs, Current (0-20mA, 4-20mA)	✓	✓	
HEDIM410	SmartStack	32 DC Inputs (12/24VDC, pos/neg logic).	✓	✓	
HEHSC600	SmartStack	8 pos logic DC Inputs (0-24VDC), 8 neg logic DC Outputs (5/12/24VDC, 0.5A w/ESCP). Two inputs configurable as High Speed Counters 500KHz ea. Two outputs configurable as PWM/Pulse Train	✓	✓	
HEDQM406	SmartStack	32 DC Outputs (12/24VDC, 0.5A pos logic w/ ESCP)	✓	✓	
HEDIQ716	SmartStack	16 DC Inputs (12/24VDC), 12 DC Outputs (12/24VDC, 0.5A pos. logic with ESCP)	✓	✓	
HERTD100	SmartStack	18-bit, 4 channel RTD Inputs (Pt-100, Pt-200, Pt-500, Pt-1000), 0.05°C resolution	✓	✓	
HEDIQ712	SmartStack	14 DC Inputs (12/24VDC), 10 Relay Outputs (250vac, 30VDC, 3.0A)	✓	✓	
HEDIQ722	SmartStack	14 AC Inputs (120vac), 10 Relay Outputs (250vac, 30VDC, 3.0A)	✓	✓	
HEDAC106	SmartStack	14-bit, 4 channel Analog Outputs, Current sourcing (0-20mA)	✓	✓	
HEADC920	SmartStack	12-bit, 12 channel Analog Inputs, multi-type (4-20mA, 0-5VDC, thermister) ch-by-ch selectable	✓	✓	
HEMIX902	SmartStack	8 DC Inputs (12/24VDC), 8 DC Outputs (12/24VDC, 0.5A pos. logic with ESCP) and 4 channels Analog Inputs, current (0-20ma, 4-20ma), 12 bit; 2 channels Analog Outputs, current sinking (4-20ma)	✓	✓	
HEPBM650	SmartStack	Profibus Master SmartStack module	✓	✓	
HEDIQ616	SmartStack	8 DC Inputs (12/24VDC, pos/neg logic), 8 DC Outputs (12/24VDC, 0.5A, pos logic with ESCP)	✓	✓	
HEDIQ612	SmartStack	8 DC Inputs (12/24VDC, pos/neg logic), 6 Relay Outputs (250vac, 30VDC, 3.0A)	✓	✓	
HEDQM202	SmartStack	8 Relay Outputs (250vac, 30VDC, 4.0A)	✓	✓	
HEDIQ611	SmartStack	8 DC Inputs (12/24VDC, pos/neg logic), 8 DC Outputs (12/24VDC, 0.5A, neg logic with ESCP)	✓	✓	
HEHSC601	SmartStack	8 pos logic DC Inputs (0-24VDC), 8 pos logic DC Outputs (5/12/24VDC, 0.5A w/ESCP). Two inputs configurable as High Speed Counters 500KHz ea. Two outputs configurable as PWM/Pulse Train	✓	✓	
HEDQM902	SmartStack	20 Relay Outputs (250vac, 30VDC, 2.5A)	✓	✓	
HEDAC101	SmartStack	14-bit, 4 channel Analog Outputs, Voltage (+/-10VDC)	✓	✓	
HEMIX901	SmartStack	8 DC Inputs (12/24VDC), 8 DC Outputs (12/24VDC, 0.5A pos. logic with ESCP) and 4 channels Analog Inputs, voltage (0-5VDC, +/-5VDC, 0-10VDC, +/- 10VDC), 12 bit; 2 channels Analog Outputs, voltage (+/- 10VDC)	✓	✓	
HEDAC202	SmartStack	12-bit, 8 channel Analog Outputs (0-20mA, 0-10VDC) ch-by-ch select	✓	✓	
HEMIX905	SmartStack	8 DC Inputs (12/24VDC), 6 Relay Outputs (3.0A ea.), 4 Analog Inputs (0-20mA, 0-5v, thermistor), 2 Analog Outputs (0-20mA, 0-10v)	✓	✓	
HEMIX912	SmartStack	8 DC Inputs (12/24VDC), 8 DC Outputs (12/24VDC, 0.5A pos. logic with ESCP) and 4 ISOLATED (500V) channels Analog Inputs, current (0-20ma, 4-20ma), 12 bit; 2 channels ISOLATED (500V) Analog Outputs, current (4-20ma)	✓	✓	
HE800DNM650	SmartStack	Enhanced DeviceNet Master. Supports all common DeviceNet communications services.	✓	✓	
HE800PBM650	SmartStack	Profibus Master SmartStack module	✓	✓	
HE800PBS600	SmartStack	Profibus Slave SmartStack module	✓	✓	

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