

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, Cenrepoint, 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 | 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. |



II 3 G Ex nA IIC Tx

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: 07/21/2017

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

CE DECLARATION OF CONFORMITY: I/O PRODUCT LINE

| Part Number | Controller Family | Description | Directive | | |
|-----------------|-------------------|---|-----------|-----|------|
| | | | EMC | LVD | ATEX |
| HE569DQM204 | SmartBlock | 275VAC solid state relay | ✓ | ✓ | |
| HE569DQM205 | SmartBlock | 35VDC 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 | ✓ | ✓ | |
| 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 | ✓ | ✓ | |

CE DECLARATION OF CONFORMITY: I/O PRODUCT LINE

| Part Number | Controller Family | Description | Directive | | |
|-------------|-------------------|---|-----------|-----|------|
| | | | EMC | LVD | ATEX |
| 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, thermister), 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 | ✓ | ✓ | |

SUPPORT

Technical Support

For assistance and manual updates, contact Technical Support at the following locations:

North America

+1 (317) 916-4274
www.hornerautomation.com
techsppt@heapg.com

Europe

+353 (21) 4321-266
www.horner-apg.com
technical.support@horner-apg.com

Corporate Contacts

GLOBAL HEADQUARTERS

59 S. State Ave.
Indianapolis, Indiana 46201
P 317-916-4274
F 317-639-4279
TF 877-665-5666
www.hornerautomation.com
sales@heapg.com

INTERNATIONAL OPERATIONS

HORNER EUROPE

Horner Ireland Limited, Unit 1
Centrepark, Centrepark Road
Cork, Ireland
P +353-21-4321266
F +353-21-4321826
info@horner-apg.com
www.horner-apg.com

HORNER AUSTRALIA

Unit 15
104 Ferntree Gully Road
Oakleigh Victoria 3166
P 03 9544 0733
F 03 9544 0977
jim.callan@heapg.com

HORNER CANADA

Suite 200, 5970 Centre Street SE
Calgary, Alberta T2H 0C1
P (403) 444-0928
F (403) 265-0966
info@hornercanada.com
www.hornercanada.com

HORNER CHINA

Sales and Tech Support for China
Room 1001, Nongke Building
No. 268, Baidilu Road, Nankai District
Tianjin 300192, P.R. China
P +86-022-23367571/23360759
F +86-022-23662715
info@hornerchina.com.cn
www.hornerchina.com.cn

HORNER INDIA

Vaishnavi, No. 3, Domlur 2nd Stage
3rd Phase, Domlur Main Rd.
Bangalore 560071
Karnataka, India
P +91-80-41263460 / 61 / 62
F +91-80-41263464
info@india.horner-apg.com

HORNER SOUTH AMERICA

Sales and Tech Support for South America
Rua Bento Gonçalves, 31
93265-350 - Esteio - RS Brazil
P +55 51-4042-3037
F +55 51-4042-3037
info@hornerbrasil.com.br