

CE DECLARATION OF CONFORMITY: XL 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)
2015/863/EU	RoHS Directive

through the application of the following standards:

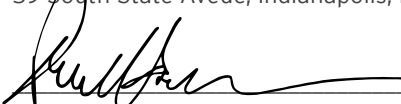
EN 61131-2:2007	Programmable Controllers - Part 2 - Equipment Requirements and tests.
EN 61000-6-2:2005	Electromagnetic compatibility (EMC) Generic Standards- Part 6-2: Immunity for industrial environments.
EN 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) Generic Standards- Part 6-4: Emissions 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: 12/20/2019

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
HE-XE100	XLE	OCS Only (No onboard I/O), Networking ports	✓	✓	✓
HE-XE102	XLE	OCS with 12 Digital in/6 relay out I/O, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports	✓		✓
HE-XE103	XLE	OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HE-XE104	XLE	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HE-XE105	XLE	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HE-XE106	XLE	OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA.	✓	✓	✓
HE-XT100	XLT	Touchscreen OCS Only (No onboard I/O), Networking ports	✓	✓	✓
HE-XT102	XLT	Touchscreen OCS with 12 Digital in/6 relay out, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports	✓		✓
HE-XT103	XLT	Touchscreen OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HE-XT104	XLT	Touchscreen OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HE-XT105	XLT	Touchscreen OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 14/16-bit analog in, 2 12-bit analog out, thermocouple RTD, Networking Ports	✓	✓	✓
HE-XT106	XLT	Touchscreen OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA.	✓	✓	✓
HE-XE1E0	XLEe	OCS Only (No onboard I/O), Networking ports, with Ethernet.	✓	✓	✓
HE-XE1E2	XLEe	OCS with 12 Digital in/6 relay out I/O, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports, with Ethernet.	✓		✓
HE-XE1E3	XLEe	OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HE-XE1E4	XLEe	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HE-XE1E5	XLEe	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HE-XE1E6	XLEe	OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Ethernet. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA.	✓	✓	✓
HE-XT1E0	XLTe	Touchscreen OCS Only (No onboard I/O), Networking ports, with Ethernet.	✓	✓	✓
HE-XT1E2	XLTe	Touchscreen OCS with 12 Digital in/6 relay out, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports, with Ethernet.	✓		✓
HE-XT1E3	XLTe	Touchscreen OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HE-XT1E4	XLTe	Touchscreen OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HE-XT1E5	XLTe	Touchscreen OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 14/16-bit analog in, 2 12-bit analog out, thermocouple RTD, Networking Ports, with Ethernet.	✓	✓	✓
HE-XT1E6	XLTe	Touchscreen OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Ethernet. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA.	✓	✓	✓

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Part Number	Controller Family	Description	Directive		
			EMC	LVD	ATEX
HE-XC1E0	XL4	3.5" TFT display OCS, no onboard I/O, Networking ports, onboard ethernet	✓	✓	✓
HE-XC1E2	XL4	3.5" TFT display OCS, 12 Digital in/6 relay out I/O, 2@500kHz (4 signals) high speed in, 4 12-bit analog in, Networking ports, CANbus, onboard Ethernet.	✓		✓
HE-XC1E3	XL4	3.5" TFT display OCS, 12/12 Digital I/O, 2@500kHz (4 signals) high speed in, 2 PWM or Stepper HS out, 2 12-bit analog in, Networking ports, CANbus, onboard Ethernet.	✓	✓	✓
HE-XC1E4	XL4	3.5" TFT display OCS, 24/16 Digital I/O, 2@500kHz (4 signals) high speed in, 2 PWM or Stepper HS out, 2 12-bit analog in, Networking ports, CANbus, onboard Ethernet.	✓	✓	✓
HE-XC1E5	XL4	3.5" TFT display OCS, 12/12 Digital I/O, 2@500kHz (4 signals) high speed in, 2 PWM or Stepper HS out, 2 14/16-bit analog in, 2 14-bit analog out, RTD or Thermocouple, Networking ports, CANbus, onboard Ethernet.	✓	✓	✓
HE-XC1E6	XL4	3.5" TFT display OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA. *Operating Temp (-20°C to 60°C, 0°C to 50°C for quoted T/C specs. Storage Temp (-30°C to 70°C) and humidity 5-95% RH non-condensing.	✓	✓	✓
HE-EXL1E0	EXL6	OCS, 5.7" TFT display, without IO card. CABbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HE-EXL1E2	EXL6	OCS, 5.7" TFT display, DC/Relay I/O. Twelve (12) digital Inputs 12V/24Vdc - four HSC. Six (6) Relay Outputs - up to 5A continuous current. Four (4) 10-bit Analog Inputs, 0-10V and 4-20mA. CANbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓		✓
HE-EXL1E3	EXL6	OCS, 5.7" TFT display, DC/DC I/O. Twelve (12) digital Inputs 12V/24Vdc - four HSC. Twelve (12) DC Outputs - 0.5A per point - Two (2) PWM/pulse outputs. Two (2) 10-bit Analog Inputs 0-10V and 4-20mA. CANbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HE-EXL1E4	EXL6	OCS, 5.7" TFT display, High-density DC/DC I/O. Twenty-four (24) digital Inputs compatible with 12V/24Vdc - four inputs can be used for 10kHz High Speed Counting. Sixteen (16) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 10-bit Analog Inputs selectable between 0-10V and 4-20mA. CANbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HE-EXL1E5	EXL6	OCS, 5.7" TFT display, DC/DC and Universal Analog I/O. Twelve (12) digital Inputs 12V/24Vdc - four HSC. Twelve (12) DC Outputs - 0.5A per point - Two (2) PWM/pulse outputs. Two (2) 14-bit Universal Analog Inputs Thermocouple, RTD, 0-100mV, 0-10V and 4-20mA. Two (2) 12-bit Analog Outputs 0-10V and 4-20mA. CANbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HE-EXL1E6	EXL6	OCS, 5.7" TFT display, 12DC In (4HSC) /12DC Out (2 PWM) , AIn 6(17-bit) T/C RTD mV mA V , Aout 4(12-bit) 6 universal analogue inputs, 4 analogue outputs, 12 digital inputs, and 12 digital outputs. Software configurable, the analogue inputs support voltage (0-10, 0-60mV), current (0-20, 4-20mA), thermocouples and RTD (PT100, PT1000). CANbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HE-XW1E0	XL7	7" TFT display OCS, no onboard I/O, Networking ports, Onboard ethernet.	✓	✓	✓
HE-XW1E2	XL7	7" TFT display OCS, 12 Digital in/6 relay out I/O, 4@10kHz high speed in, 4 10-bit analog in, CANbus, Networking ports, Onboard Ethernet	✓		✓
HE-XW1E3	XL7	7" TFT display OCS, 12/12 digital I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, CANbus, Networking ports. Onboard Ethernet	✓	✓	✓
HE-XW1E4	XL7	7" TFT display OCS, 24/16 digital I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, CANbus, Networking ports. Onboard Ethernet	✓	✓	✓
HE-XW1E5	XL7	7" TFT display OCS 12/12 Digital I/O, 4@10kHz high speed in, 2 PWM out, 2 14/16-bit analog in, 2 12-bit analog out, Thermocouple RTD, CANbus, Networking ports. Onboard Ethernet	✓	✓	✓
HE-XW1E6	XL7	7" TFT display OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA	✓	✓	✓

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Part Number	Controller Family	Description	Directive		
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HE-EXV1E0	EXL10	10.4" VGA TFT display OCS without IO card. CsCAN Network Port	✓	✓	✓
HE-EXV1E2	EXL10	10.4" VGA TFT display OCS with DC/Relay I/O. Twelve (12) digital Inputs compatible with 12V/24Vdc - four inputs can be used for 10kHz High Speed Counting. Six (6) Relay Outputs - up to 5A continuous current. Four (4) 10-bit Analog Inputs selectable between 0-10V and 4-20mA. Canbus, USB, USB OTG, uSD	✓		✓
HE-EXV1E3	EXL10	10.4" VGA TFT display OCS with DC/DC I/O. Twelve (12) digital Inputs compatible with 12V/24Vdc - four inputs can be used for 10kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 10-bit Analog Inputs selectable between 0-10V and 4-20mA. Canbus, USB, USB OTG, uSD	✓	✓	✓
HE-EXV1E4	EXL10	10.4" VGA TFT display OCS with High-density DC/DC I/O. Twenty-four (24) digital Inputs compatible with 12V/24Vdc - four inputs can be used for 10kHz High Speed Counting. Sixteen (16) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 10-bit Analog Inputs selectable between 0-10V and 4-20mA. Canbus, USB, USB OTG, uSD	✓	✓	✓
HE-EXV1E5	EXL10	10.4" VGA TFT display OCS with DC/DC and Universal Analog I/O. Twelve (12) digital Inputs compatible with 12V/24Vdc - four inputs can be used for 10kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-100mV, 0-10V and 4-20mA. Two (2) 12-bit Analog Outputs selectable between 0-10V and 4-20mA. Canbus, USB, USB OTG, uSD	✓	✓	✓
HE-EXV1E6	EXL10	10.4" VGA TFT display OCS with 12DC In (4HSC) /12DC Out (2 PWM) , AI n 6(17-bit) T/C RTD mV mA V , Aout 4(12-bit) 6 universal analogue inputs, 4 analogue outputs, 12 digital inputs, and 12 digital outputs. Software configurable, the analogue inputs support voltage (0-10, 0-60mV), current (0-20, 4-20mA), thermocouples and RTD (PT100, PT1000). Canbus, USB, USB OTG, uSD	✓	✓	✓
HE-XP7E0	XL+	15" TFT color display OCS without IO card.	✓	✓	✓
HE-XP7E2	XL+	15" TFT color display OCS. XL+ Series OCS with DC/Relay I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for two 500kHz High Speed Counters. Six (6) Relay Outputs - up to 5A continuous current. Four (4) 12-bit Analog Inputs selectable between 0-10V and 4-20mA.	✓		✓
HE-XP7E3	XL+	15" TFT color display OCS. XL+ Series OCS with DC/DC I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for two 500kHz High Speed Counters. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 12-bit Analog Inputs selectable between 0-10V and 4-20mA.	✓	✓	✓
HE-XP7E4	XL+	15" TFT color display OCS. XL+ Series OCS with DC/DC I/O. Twenty-four (24) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for two 500kHz High Speed Counters. Sixteen (16) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two (2) 12-bit Analog Inputs selectable between 0-10V and 4-20mA.	✓	✓	✓
HE-XP7E5	XL+	15" TFT color display OCS. XL+ Series OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for two 500kHz High Speed Counters. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Two 14-bit/16-bit Universal Analog Inputs supporting 0-10V, 4-20mA, 0-100mV, Thermocouple and RTD Inputs. Two 12-bit Analog Outputs supporting 0-10V and 4-20mA.	✓	✓	✓
HE-XP7E6	XL+	15" TFT color display OCS. XL+ Series OCS with DC/DC and Universal Analog I/O. Twelve (12) Digital Inputs compatible with 12V/24VDC - four (4) inputs can be used for 500kHz High Speed Counting. Twelve (12) DC Outputs - 0.5A per point - Two (2) outputs can be used as PWM/pulse outputs. Six (6) 14-bit Universal Analog Inputs selectable between Thermocouple, RTD, 0-60mV, 0-10V and 4-20mA. Four (4) 12-bit Analog Outputs selectable between 0-10V and 4-20mA. *Operating Temp (-20°C to 60°C, 0°C to 50°C for quoted T/C specs. Storage Temp (-30°C to 70°C) and humidity 5-95% RH non-condensing.	✓	✓	✓

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