

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)
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.



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: XL PRODUCT LINE

Part Number	Controller Family	Description	Directive		
			EMC	LVD	ATEX
HEXE220Cx00	XLe	OCS Only (No onboard I/O), Networking ports	✓	✓	✓
HEXE220Cx12 ²	XLe	OCS with 12 Digital in/6 relay out I/O, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports	✓		✓
HEXE220Cx13	XLe	OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HEXE220Cx14	XLe	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HEXE220Cx15	XLe	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HEXE220Cx16	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.	✓	✓	✓
HEXT240Cx00	XLt	Touchscreen OCS Only (No onboard I/O), Networking ports	✓	✓	✓
HEXT240Cx12	XLt	Touchscreen OCS with 12 Digital in/6 relay out, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports	✓		✓
HEXT240Cx13	XLt	Touchscreen OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HEXT240Cx14	XLt	Touchscreen OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports	✓	✓	✓
HEXT240Cx15	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	✓	✓	✓
HEXT240Cx16	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.	✓	✓	✓
HEXE221Cx00	XL Ee	OCS Only (No onboard I/O), Networking ports, with Ethernet.	✓	✓	✓
HEXE221Cx12 ²	XL Ee	OCS with 12 Digital in/6 relay out I/O, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports, with Ethernet.	✓		✓
HEXE221Cx13	XL Ee	OCS with digital 12/12 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HEXE221Cx14	XL Ee	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HEXE221Cx15	XL Ee	OCS with digital 24/16 I/O, 4@10kHz high speed in, 2 PWM out, 2 10-bit analog in, Networking ports, with Ethernet.	✓	✓	✓
HEXE221Cx16	XL Ee	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.	✓	✓	✓
HEXT241Cx00	XLTe	Touchscreen OCS Only (No onboard I/O), Networking ports, with Ethernet.	✓	✓	✓
HEXT241Cx12	XLTe	Touchscreen OCS with 12 Digital in/6 relay out, 4@10kHz High speed in, 4 10-bit Analog in, Networking ports, with Ethernet.	✓		✓
HEXT241Cx13	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.	✓	✓	✓
HEXT241Cx14	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.	✓	✓	✓
HEXT241Cx15	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.	✓	✓	✓
HEXT241Cx16	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.	✓	✓	✓

CE DECLARATION OF CONFORMITY: XL PRODUCT LINE

Part Number	Controller Family	Description	Directive		
			EMC	LVD	ATEX
HEXT251Cx00	XL4	3.5" TFT display OCS, no onboard I/O, Networking ports, onboard ethernet	✓	✓	✓
HEXT251Cx12	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.	✓		✓
HEXT251Cx13	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.	✓	✓	✓
HEXT251Cx14	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.	✓	✓	✓
HEXT251Cx15	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.	✓	✓	✓
HEXT251Cx16	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.	✓	✓	✓
HEXT371Cx00	EXL6	OCS, 5.7" TFT display, without IO card. CABbus, Ethernet, 2 serial ports, USB, USB OTG, uSD	✓	✓	✓
HEXT371Cx12	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	✓		✓
HEXT371Cx13	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	✓	✓	✓
HEXT371Cx14	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	✓	✓	✓
HEXT371Cx15	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	✓	✓	✓
HEXT371Cx16	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	✓	✓	✓
HEXT391Cx00	XL7	7" TFT display OCS, no onboard I/O, Networking ports, Onboard ethernet.	✓	✓	✓
HEXT391Cx12	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	✓		✓
HEXT391Cx13	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	✓	✓	✓
HEXT391Cx14	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	✓	✓	✓
HEXT391Cx15	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	✓	✓	✓
HEXT391Cx16	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	✓	✓	✓

CE DECLARATION OF CONFORMITY: XL PRODUCT LINE

Part Number	Controller Family	Description	Directive		
			EMC	LVD	ATEX
HEXT505Cx00	EXL10	10.4" VGA TFT display OCS without IO card. CsCAN Network Port	✓	✓	✓
HEXT505Cx12	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	✓		✓
HEXT505Cx13	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	✓	✓	✓
HEXT505Cx14	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	✓	✓	✓
HEXT505Cx15	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	✓	✓	✓
HEXT505Cx16	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	✓	✓	✓
HEXT751Cx00	XL+	15" TFT color display OCS without IO card.	✓	✓	✓
HEXT751Cx12	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.	✓		✓
HEXT751Cx13	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.	✓	✓	✓
HEXT751Cx14	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.	✓	✓	✓
HEXT751Cx15	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.	✓	✓	✓
HEXT751Cx16	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.	✓	✓	✓

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