Micro OCS Starter Kit

Everything You Need to Get Started - at a COMPETITIVE PRICE!

APPLICATIONS

Agriculture
❚ Reduce energy consumption
❚ Increase overall productivity

Building Automation
❚ Improve occupant comfort
❚ Economical operation systems

Material Handling
❚ Minimize HMI inefficiencies
❚ Track/log/catalog data

Oil and Gas
❚ Maximize capacity utilization
❚ Maintain emission standards

Renewable Energy
❚ Data logging, remote access
❚ Sunlight and UV protection

Water/Wastewater
❚ Station pump control
❚ Remote water well controls

MINIMAL PHYSICAL DESIGN

The sleek profile of the Micro OCS enables you to fit more in your panel, saving space and resources. The X2, X4, X7 or X10 packs a big picture into an overall small package. Their overall design is powerful, reliable, intuitive and durable.

COMPREHENSIVE I/O CONFIGURATION

In an effort to make implementing Horner OCS controllers as seamless and user-friendly as possible, we have selected a streamlined set of on-board I/O. The wide scope of digital and analog I/O make automating your applications, and your organization, as simple as the push of a button. If the built-in I/O isn't enough for your specific application, you can easily expand via CAN, RS-485 or serial.

FLEXIBILITY

In the market of fixed I/O, stand-alone controllers, these Micro OCS Controllers are unmatched. Suited for most applications across a diverse range of industries, the X2, X4, X7 and X10 exceed standards (and expectations). The intuitive user interface, rugged durability, and suite of capabilities are similar to our more established XL line of products.

COMPETITIVE ADVANTAGE

Our engineers at Horner Automation have designed a slim, versatile, and complimentary product to our existing line of robust industrial solutions. When utilized as an introductory piece, these Micro OCS Controller Starter Kits can empower your organization to grow, by seamlessly incorporating additional Horner solutions to your expanding system.

*Mention part #X2STARTER; #X4STARTER; #X7STARTER; #X10 STARTER to purchase
*Other discounts not applicable for these items

CONTACT YOUR LOCAL CHANNEL PARTNER FOR DETAILS

X2 Starter

CONTROLLER

CPU	32 Bit Arm
Logic Scan Rate	1.2 mS/K
Built-In Storage	16MB
Removable Memory	32GB microSD*
Retentive Storage	32K Battery-Backed Ram
Programming Languages	Advanced Ladder or IEC: ST, LD, FBD, IL, SFC

PHYSICAL SPECIFICATIONS

Dimensions	mm: 119.18 h x 89.76 w x 35.8 d in: 4.69 h x 3.53 w x 1.41 d
Weight	270g / 9.5oz

MODEL-DEPENDENT OPTIONS

HE-X2ASTARTER	HE-X2RSTARTER

https://hornerautomation.com/product/x2/

X4 Starter

CONTROLLER

CPU	32 Bit Arm with Integrated Graphics
Logic Scan Rate	0.4 mS/K
Built-In Storage	16MB
Removable Memory	32GB microSD*
Retentive Storage	32K Battery-Backed Ram
Programming Languages	Advanced Ladder or IEC: ST, LD, FBD, IL, SFC

PHYSICAL SPECIFICATIONS

Dimensions	mm: 89.76 h x 119.18 w x 35.8 d in: 3.53 h x 4.69 w x 1.41 d
Weight	280g / 10oz

MODEL-DEPENDENT OPTIONS

HE-X4ASTARTER	HE-X4RSTARTER

https://hornerautomation.com/product/x4/

X7 Starter

CONTROLLER

CPU	32 Bit Arm with Integrated Graphics
Logic Scan Rate	0.4 mS/K
Built-In Storage	16MB
Removable Memory	32GB microSD*
Retentive Storage	128K Battery-Backed Ram
Programming Languages	Advanced Ladder or IEC: ST, LD, FBD, IL, SFC

PHYSICAL SPECIFICATIONS

Dimensions	mm: 143.50 h x 186.08 w x 46.60 d in: 5.65 h x 7.33 w x 1.34 d
Weight	590g / 20.8oz

MODEL-DEPENDENT OPTIONS

HE-X7ASTARTER	HE-X7RSTARTER

https://hornerautomation.com/product/x7/

X10 Starter

CONTROLLER

CPU	32 Bit Arm with Integrated Graphics
Logic Scan Rate	0.4 mS/K
Built-In Storage	16MB
Removable Memory	32GB microSD*
Retentive Storage	128K Battery-Backed Ram
Programming Languages	Advanced Ladder or IEC: ST, LD, FBD, IL, SFC

PHYSICAL SPECIFICATIONS

Dimensions	mm: 264.99 h x 167.82 w x 52.07 d in: 10.43 h x 6.61 w x 2.05 d
Weight	590g / 20.8oz

MODEL-DEPENDENT OPTIONS

HE-X10ASTARTER	HE-X10RSTARTER

https://hornerautomation.com/product/x10/

*Micro SD card not included for any model

INPUTS/OUTPUTS MODEL OVERVIEW

	MODEL A	MODEL R
DC In	12	12
DC Out	12	2
Relays	-	6
HS In	4	4
HS Out	2	2
Analog In	mA x 4 or RTD* x 2	mA x 4 or RTD* x 2
Analog Out	mA x 2	mA x 2

*A 3rd and 4th RTD channel is available if Analog Outputs are not used;
*RTD are not available for the X2 model

There are four high-speed inputs of the total DC Inputs.
There are two high-speed outputs of the total DC outputs.

STARTER KIT CONTENTS

Horner Travel Case with One Micro OCS Relay Model: X2, X4, X7 or X10
6W 24VDC Wall Mount Power Supply
HE-CPK:
Latest Version of Cscape
USB to Mini USB Cable
USB to RS-232 Serial (HE-USB600: USB to RS-232 Adaptor)
RS-232 to RJ45 Ethernet (HE500CBL300: Programming Cable for OCS)

TO ORDER or for more details and specs, see our website:
https://hornerautomation.com/product/ocs-starter-kit/

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