BUILT-IN, STREAMLINED I/O



GLOBAL HEADQUARTERS

59 South State Avenue 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 Centrepoint, Centrepark Road Cork, Ireland P +353-21-4321266 F +353-21-4321826 info@horner-apg.com www.hornerautomation.eu

HORNER CANADA

916 42 Avenue SE #120 Calgary, Alberta T2G 1Z2 P (403) 444-0928 F (403) 265-0966 info@hornercanada.com www.hornerautomation.com

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@hornerautomation.in

HORNER AUSTRALIA

Unit 15 104 Ferntree Gully Road Oakleigh Victoria 3166 P 03 9544 0733 F 03 9544 0977 sales@networkautomation.com.au





INDUSTRY LEADING ALL-IN-ONE CONTROLLER

Our Micro OCS line of products introduces a series of fixed I/O controllers with exceptional performance and a streamlined ordering and pricing structure. These powerful and efficient controllers are well-suited to perform many of the same highend applications as our popular XL series at the price point of an introductory component - value engineering hard at work.

With proven success across a wide variety of applications, the Micro OCS series is ideal for:

- Custom OEM products
- Power management & back-up generation
- Semiconductor applications
- Packaging machinery
- Water treatment
- Compressor control
- Pump control
- Food processing
- Motion control
- Distributed conveyor control
- HVAC/Environmental control
- Mobile machinery
- Automotive parts manufacturing

The Micro OCS family of products incorporates a similar all-in-one construction as with the XL series. By providing a fixed array of I/O. however, the Micro OCS Series provides a streamlined approach to the market. Applications that do not require the power of the XL products are perfectly suited to our Micro OCS line of products.

POWERFUL, SECURE CSCAPE PROGRAMMING SOFTWARE

The Micro OCS Series (developed using a single, industry-recognized software platform, Cscape) combines graphical ladder logic programming, operator interface development, I/O configuration and network configuration. The user-friendly interface provides free form and drag & drop editor, as well as more than 100 functions to choose from. In addition to the Cscape Advanced Ladder offering, Cscape also supports the IEC 1131 programming languages.

From the Horner website, hornerautomation.com, download the Cscape software or software updates at no charge. This free service allows you to avoid costly licensing fees while always having the most up-to-date software version.

LOWER COSTS, MORE OPTIONS, EASY-TO-USE

With fully integrated hardware and software, the Micro OCS Series offers easy programming, installation, development and set-up. Our controllers have a small footprint and can easily retrofit into an existing system with little effort. None of our Micro OCS products are limited to their on-board I/O. Many variations of distributed remote I/O, including SmartBlock, SmartStix, and SmartMod can be connected via CsCAN, Ethernet, or Modbus. RTU/Modbus based SmartMod I/O is also a cost-effective means of adding a small amount of analog I/O.

The Micro OCS Series utilizes MicroSD[™] Data Storage Memory. ideal for data logging, machine recipes, and application files.

CONNECTIVITY

The Micro OCS Series is designed as a modular system for easy selection and growth; CsCAN (CAN Based) high speed networking and Modbus RTU networking capabilities are standard in both series controllers. Ethernet is standard in our X5 and available as an optional component in our X4. Remote I/O options offer high performance, accurate analog, and easy-to-configure digital only modules. Horner I/O has flexible communication options that easily expand current systems.

BUILT-IN DIGITAL & ANALOG I/O

	DC In	DC Out	Relay Out	HSC In∗	Pulse Out∗	Analog Inputs	Analog Outputs
X2A	12	12		4	2	4 (current)	2 (current)
X2R	12	2	6	4	2	4 (current)	2 (current)
X4A	12	12		4	2	4 (current / RTD)	2 (current)**
X4R	12	2	6	4	2	4 (current / RTD)	2 (current)**
X5	4	4		4	2	4 (current / volts)	
X7A	12	12		4	2	4 (current / RTD)	2 (current)**
X7R	12	2	6	4	2	4 (current / RTD)	2 (current)**
X10A	12	12		4	2	4 (current / RTD)	2 (current)**
X10R	12	2	6	4	2	4 (current / RTD)	2 (current)**

*High Speed I/O is shared with DC In and DC Out

**Use of more than 2 RTD Inputs negates the ability to utilize Analog Outputs

59 South State Avenue, Indianapolis, IN 46201 (p) 317.916.4274 (tf) 877.665.5666

HORNERAUTOMATION.COM









MICRO OCS SERIES



FIXED/STANDARD I/O, EXCEPTIONAL PERFORMANCE





UL 50E Type 1, 4x. 12. 12K and 13 indoor use)





MICRO SERIES







	FEATURES	X2
	Ladder Logic Memory	256
	Logic Scan Rate	1.2 mS
	Removable Memory	micro
Controller	Real Time Clock	Yes
	Floating Point Support	Yes (32
	AutoTune PID Loops	Yes (4 lo
	Resolution	128 x
	Display Technology	LCD with LED N
Operator	Number of Pages	250
Interface	Fields or Objects per Page	15
	Total Keys / Function Keys	20 /
	Built-In Storage	16 M
	Built-In I/O points	Model A - 30
	High Speed Counter (HSC)	Freq., Pulse, Quad
	SmartStix, SmartRail, SmartBlock I/O Support	Yes - Cs
I/O	Digital Inputs/Outputs, Max	1024 /
	Analog Inputs/Outputs, Max	256 / 2
	General Purpose Registers (words)	500
	General Purpose Internal Coils (bits)	2048 (reten
	Ethernet Support	No
Ethernet/ Internet	Remote Access	Envisio
	Remote File Access	Envisio
	WebMI Compatibility*	No
	RS-232 Ports/RS-485 Ports on shared connector	1 x RS-232 and
	PLC/Drive Protocols	Limit
Serial Communications	RTU/Modbus Master/Slave/Serial ASCII In/Out	Yes
Communications	USB Port A	No
	USB Port Mini-B	Programm
	Integrated CsCAN Network	Stand
CAN Networking	Programming Over Network	Yes
	Peer-to-Peer Messaging	Yes
	Height (inches/mm)	4.92" / 12
Physical	Width (inches/mm)	3.78" / 9
Specifications	Overall Depth (inches/mm)	1.41" / 35
	Operating Temperature	-10° to 6
Operating Specifications & Standards	Humidity (non-condensing)	5 to 9
	Voltage	24 +/- 200
	Environmental Rating	UL 50E Type 1, 4>
	Environmental Kalino	(Indoor us

X2
256 kB
1.2 mS/K
microSD
Yes
Yes (32-bit)
Yes (4 loops)
128 x 64
LCD with LED Monochrome
250
15
20 / 10
16 MB
Model A - 30 Model R - 26
Freq., Pulse, Quad., Total, 10 kHz
Yes - CsCAN
1024 / 1024
256 / 256
5000
2048 (retentive 1024)
No
EnvisionRV
EnvisionFX
No
1 x RS-232 and 1 x RS-485
Limited
Yes
No
Programming Only
Standard
Yes
Yes
4.92" / 125 mm
3.78" / 96 mm
1.41'' / 35.8 mm
-10° to 60°C
5 to 95%
24 +/- 20% VDC
UL 50E Type 1, 4x, 12, 12k, 13**
(Indoor use only)

256 kB 0.4 mS/K microSD Yes Yes (32-bit) Yes (4 loops) 480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Treq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes No Programming Only Standard Yes No Programming Only Standard Yes 1 x RS-232 mm 1 x RS-232 1 x RS-232 2 x yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13** (Indoor use only)	X4
microSD Yes Yes (32-bit) Yes (4 loops) 480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC <	256 kB
Yes Yes (32-bit) Yes (4 loops) 480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Treq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% </td <td>0.4 mS/K</td>	0.4 mS/K
Yes (32-bit) Yes (4 loops) 480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	microSD
Yes (4 loops) 480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Treq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes
480 x 272 LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes (32-bit)
LCD with LED 350 nits 250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes (4 loops)
250 100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionRV FTP or EnvisionRX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	480 x 272
100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	LCD with LED 350 nits
100 5 (on screen) / 4 (on screen) 16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	250
16 MB Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
Model A - 30 Model R - 26 Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
Freq., Pulse, Quad., Total, 500 kHz Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
Yes - CsCAN & Ethernet 1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
1024 / 1024 256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
256 / 256 5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
5000 2048 (retentive 1024) Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
Standard WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
WebMI or EnvisionRV FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	2048 (retentive 1024)
FTP or EnvisionFX Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
Yes - 2 Connections 1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	WebMI or EnvisionRV
1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	FTP or EnvisionFX
1 x RS-232 and 1 x RS-485 Limited Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes - 2 Connections
Yes No Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	
No Programming Only Standard Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Limited
Programming Only Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes
Standard Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	No
Yes Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Programming Only
Yes 3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Standard
3.79" / 96 mm 4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes
4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	Yes
4.92" / 125 mm 1.41" / 35.8 mm -10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	3.79" / 96 mm
-10° to 60°C 5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	4.92" / 125 mm
5 to 95% 24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	1.41" / 35.8 mm
24 +/- 20% VDC UL 50E Type 1, 4x, 12, 12k, 13**	-10° to 60°C
UL 50E Type 1, 4x, 12, 12k, 13**	5 to 95%
(Indoor use only)	
	(Indoor use only)

X5
1 MB
0.04 mS/K
microSD
Yes
Yes (64-bit)
Yes (64 loops)
480 x 272
LCD with LED 450 nits
1023
1023
5 (on screen) / 4 (on screen)
128 MB
12
Advanced, 500 kHz
Yes - CsCAN & Ethernet
2048 / 2048
512 / 512
8192 (1024 retentive)
4096 (2048 retentive)
Standard
WebMI, HTTP or EnvisionRV
FTP or EnvisionFX
Yes - 4 Connections
1 x RS-232 and 1 x RS-485
Yes
Yes
Yes (flash or hard drive support)
Programming Only
Standard
Yes
Yes
3.79" / 96 mm
4.92" / 125 mm
1.41" / 35.8 mm
-10° to 60°C (option -40° to 60°C)
5 to 95%
10-30 VDC
UL Class 1 Div II, CE, IP66, UL Type 3R, 4, 4x, 12, 12k, 13**

X7
256 kB
0.4 mS/K
microSD
Yes
Yes (32-bit)
Yes (4 loops)
800 x 480
LCD with LED 300 nits
250
100
5 (on screen) / 4 (on screen)
16 MB
Model A - 30 Model R - 26
Freq., Pulse, Quad., Total, 500 kHz
Yes - CsCAN & Ethernet
1024 / 1024
256 / 256
5000
2048 (retentive 1024)
Standard
WebMI or EnvisionRV
FTP or EnvisionFX
Yes - 2 Connections
1 x RS-232 and 1 x RS-485
Limited
Yes
No
Programming Only
Standard
Yes
Yes
5.65" / 143.50 mm
7.33" / 186.08 mm
2.08'' / 52.88 mm
-10° to 60°C
5 to 95%
24 +/- 20% VDC

UL 50E Type 1, 4x, 12, 12k, 13**

(Indoor use only)

*Licensed option **For UL and CE Standards, visit the specific product pages for these items on website.

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X10
256 kB
0.4 mS/K
microSD
Yes
Yes (32-bit)
Yes (4 loops)
1024 x 600
LCD with LED 300 nits
250
100
5 (on screen) / 4 (on screen)
16 MB
Model A - 30 Model R - 26
Freq., Pulse, Quad., Total, 500 kHz
Yes - CsCAN & Ethernet
1024 / 1024
256 / 256
5000
2048 (retentive 1024)
Standard
WebMI or EnvisionRV
FTP or EnvisionFX
Yes - 2 Connections
1 x RS-232 and 1 x RS-485
Limited
Yes
No
Programming Only
Standard
Yes
Yes
6.5" / 166.2 mm
10.4" / 263.9 mm
2.2" / 55.8 mm
-10° to 60°C
5 to 95%
10-30 VDC
UL 50E Type 1, 4x, 12, 12k, 13** (Indoor use only)