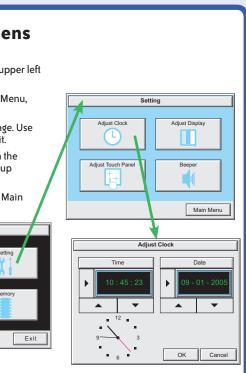


Copyright 2005-2014, Automationdirect.com Incorporated/All Rights Reserved Worldwide



rotocols & Cables						
Compatibility Table						
oompationity rabio	Protocols					
100 1200 1400 1500						
100, 1200, 1400, 1500, _C5	DH485/AIC/AIC+					
100, 1200, 1400, 1500	DE1 Holf Duplow DE1 Full Duplow					
mpactLogix™, FlexLogix™	DF1 Half Duplex; DF1 Full Duplex					
прастерият, пексодікт	DF1 Full Duplex					
actLogix, FlexLogix - Tag Based	DF1 Half Duplex; DF1 Full Duplex					
pactLogix, FlexLogix -	EtherNet/IP Server					
ing The state of t						
actLogix, FlexLogix - Tag Based						
400, SLC 5/05, rnet port	EtherNet/IP Client					
100 1200 1400 1500	-					
l via ENI Adapter						
vices	Modbus TCP/IP					
90, VersaMax Micro	SNPX					
	FX Direct					
Q12H, Q25H	Q CPU QnA Serial					
	QnA Ethernet					
)	Host Link					
1/CS1 Ethernet	FINS					
113 CPU, AEG Modicon Micro 1-xx, 411-xx, 512-xx, 612-xx	Modbus RTU					
85 Serial DO CPU; Ethernet	PPI ISO over TCP					
erial (P3-550)	AutomationDirect Prod. 3000 Serial					
hernet (P3-550)	AutomationDirect Prod. 3000 Ethernet					
( • • • • • • • • • • • • • • • • • • •	AutomationDirect Modbus (CLICK)					
	K-Sequence					
	Direct NET					
	Modbus (Koyo addressing)					
IO-ECOM/HO-ECOM100	Direct LOGIC Ethernet					
	K-Sequence					
02-230	K-Sequence					
02-240	K-Sequence Direct NET					
	K-Sequence					
)2-250/D2-250-1/D2-260	Direct NET					
	Modbus (Koyo addressing)					
2-240/D2-250-1/D2-260	Direct NET					
Jsing DCM	Modbus (Koyo addressing)					
H2-ECOM/H2-ECOM100	Direct LOGIC Ethernet					
03-330/330P Requires the use of a Data	Direct NET					
Requires the use of a Data Communications Unit)						
03-340	Direct NET					
03-350	K-Sequence Direct NET					
000	Modbus (Koyo addressing)					
0.050 0.014	Direct NET					
03-350 DCM	Modbus (Koyo addressing)					
)4-430	K-Sequence					
J4-40U	Direct NET					
04-440	K-Sequence					
	Direct NET					
14_450	K-Sequence					
04-450	Direct NET Modbus (Koyo addressing)					
	Direct NET					
All with DCM	Modbus (Koyo addressing)					
H4-ECOM/H4-ECOM100	Direct LOGIC Ethernet					
& Do) Live V5.2 or later and	Think & Do Modbus RTU					
9 Do) Livo VE E 1 an later cont	(serial port)					
& Do) Live V5.5.1 or later and er	Think & Do Modbus TCP/IP (Ethernet port)					

Model Specification	6" STN grayscale	6" TFT color	6" STN grayscale	6" TFT color	8" TFT color	10" TFT color	12" TFT color	15		
	w/ base features	w/ base features	w/ full features	w/ full features	w/ full features	w/ full features	w/ full features	w/		
Part Number	EA7-S6M-R	EA7-T6CL-R	EA7-S6M	EA7-T6CL	EA7-T8C	EA7-T10C	EA7-T12C			
Display Actual Size and Type	5.7" STN grayscale	5.7" TFT color	5.7" STN grayscale	5.7" TFT color	8.4" TFT color	10.4" TFT color	12.1" TFT color			
Color Scale	15 shades of gray	65,536 colors	15 shades of gray		1	65,536 colors				
Display Viewing Area	4.54" x 3.4" [115.2 mm x 86.4 mm]				6.73" x 5.05" [170.9 mm x 128.2 mm]	8.31" x 6.24" [211.2 mm x 158.4 mm]	9.47" x 7.62" [240.6 mm x 184.5 mm]	[304		
Screen Pixels			40 (QVGA)	1		80 (VGA)	800 x 600 (SVGA)	1		
Display Brightness	150 cd/m <sup>2</sup> (NITS)	270 cd/m <sup>2</sup> (NITS)	150 cd/m <sup>2</sup> (NITS)	270 cd/m <sup>2</sup> (NITS)	300 cd/m <sup>2</sup> (NITS)	270 cd/m <sup>2</sup> (NITS)	260 cd/m <sup>2</sup> (NITS)	2		
LCD Panel Dot Pitch	0.36 mm x 0.36 mm						0.267 mm x 0.267 mm	0.29		
Backlight Average Lifetime*1	Approximately 50,000 hours									
Backlight User Replaceable	No									
Touch Panel Type	Analog Resistive (10-bit resolution, 1024 x 1024 touch area)						Analog Resistive (12-bit resolution, 4096 x 4			
CPU Type	32-Bit RISC CPU (333 MHz) 32-Bit RISC CPU (400 MHz)						32-Bit RISC CPU (400 MHz) Plus Graphic Accelerator Chip			
Battery					02-BAT-1 (Manufacturer Part # CR2354)					
System Memory	SDRAM 32 MBytes							SDRAM 64 MBytes		
System Flash Memory	FLASH 32 MBytes						FLASH 64 MBytes			
Backup Memory (SRAM)	Control data backup memory (SRAM) 256 KBytes									
Logging Data Memory	USB Pen Drive p/n SDCZ4-2048-A10 (Optional) CompactFlash Memory Card p/n EA-CF-CARD, industrial grade, high speed (Optional) or USB Pen Drive p/n SDCZ4-2048-A10 (Optional)									
Number of Screens	Up to 9999 with ver. 2.40 and later – limited by available project memory (10 MBytes) Up to 9999 with ver. 2.40 and later – limited by available									
Realtime Clock	Built into panel (PLC clock is still accessible if available)									
Calendar – Month/Day/Year	Yes - battery backup									
Screen Saver	Yes, backlight turns off after a 30–1500 minute adjustable time, or can be disabled									
Serial PLC Interface	Serial PLC Port: RS-232C/422/485 15-Pin D-sub (female)									
USB Port – Type B	Download/Program – USB Port – type B									
USB Port – Type A	Port for USB 1.1 device options – type A									
Ethernet Port	not available Ethernet 10/100 Base-T									
Audio Line Out	not available Audio Line Out, 1 Volt rms, stereo – requires amplifier and speaker(s)									
CF Card – Slot #1	not available Optional: CompactFlash Memory Card p/n EA-CF-CARD, CF slot #1 located on top side of touch panel.									
Expansion Assembly	not available Optional: Use the CF Card Interface Module p/n EA-CF-IF in the right slot of the Expansion Assembly for installing CF card - Slot #2. The left slot of the Expansion Assembly is for future options.									
(p/n EA-EXP-OPT)		04.)/D								
Supply Power Power Consumption	9 W @ 24 VDC	9 W @ 24 VDC	10 W @ 24 VDC	11 W @ 24 VDC	15 W @ 24 VDC	17 W @ 24 VDC	20 W @ 24 VDC			
Recommended DC Supply Fuse	9 W @ 24 VDC	9 W @ 24 VDC			15 W @ 24 VDC	17 W @ 24 VDC				
Operating Temperature	2.5 A time delay, ADC p/n MDL2-5       4.0 A time delay, ADC p/n MDL         0 to 50 °C (32 to 122 °F); Maximum surrounding air temperature rating: 50 °C (122 °F)       4.0 A time delay, ADC p/n MDL									
Storage Temperature	-20 to +60 °C (-4 to +140 °F)									
Humidity	10-85% RH, non-condensing									
Noise Immunity	Noise voltage: 1000 Vp-p, Pulse width: 1 µs, Rise time: 1 ns									
Withstand Voltage	1000 VDC for 1 minute, between DC power supply input terminal and safety ground									
Insulation Resistance	$Over 20 M\Omega$ between DC power supply input terminal and safety ground									
Vibration	IEC61131-2 compliant, 10–57 Hz: 0.075 mm amplitude, 57–150 Hz 1.0 G: 10 sweep cycles per axis on each of 3 mutually perpendicular axes									
Shock	15 G peak, 11 ms duration, 2 shocks per axis, on 3 mutually perpendicular axes									
Environment	For use in Pollution Degree 2 Environment									
Enclosure	Meets UL Type 4X, when mounted correctly. For indoor use only.									
Agency Approvals					cUL, CE					
Dimensions	6.140" x 8.047" x 1.697" [156.0 mm x 204.4 mm x 43.1 mm]				8.748" x 10.894" x 2.053" [222.2 mm x 276.7 mm x 52.1 mm]	10.669" x 13.661" x 2.079" [271.0 mm x 347.0 mm x 52.8 mm]	11.024" x 13.366" x 2.075" [280.0 mm x 339.5 mm x 52.7 mm]	13.00 [330.2 mm		
Weight	1.46 lb. [660 g]	1.43 lb. [650 g]	1.50 lb. [680 g]	1.48 lb. [670 g]	2.60 lb. [1,180 g]	3.55 lb. [1,610 g]	4.59 lb. [2,080 g]	7		
* NOTE 1: The backlight average lifetim	- 0-									
	ie is delilled as the average USAGE	e unite it takes before the brightness		ss. The meanie of the backlight dep	enus on the amorent temperature. If	te meante win decrease under 10W 0	n myn temperature úsaye.			

