



Esaware EW100A HMIs achieve greatness in functionality, sustainability and in design. The display is touch screen, with captivating and intuitive graphics. EW100A HMIs have been designed to allow the integration of I/Os directly on the back, with a simple clack. The result? A highly user friendly interface that makes it possible to view, manage and monitor each plant with great rapidity.



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HMI Control Made Easy I/O Clack & Play

EW100-HMI



EW600-I/O



EW100AA		EW100AB		EW100AC	
Our standard HMI (human machine interface).		Our HMI powered by SoftPlc CoDeSys and Ethercat.		Our HMI with SoftPlc CoDeSys powered by our I/Os.	
	EW104A A-B-C	EW107A A-B-C	EW112A A-B-C	EW115A A-B-C	
• Size	4,3" TFT 262K Colors White LED	7" TFT 16M Colors White LED	12,1" TFT 16M Colors White LED	15,6" TFT 16M Colors White LED	
• Brightness (cd/m²)	400	600	400	300	
• Resolution (pixel)	480x272	800x480	1280x800	1366X768	
• RAM (MB)	256 DDR3		512 DDR3		
• Flash (GB)	3				
• I/O slot (only C version)	4	8	12	16	
• NVRAM (only B-C version) (kB)	32 (Persistent Variables)				
• Scan Time (only B-C version) (µSec)	Typical 30				
• Serial Ports	SP1 RS232/485-MPI ; SP2 RS232/485-MPI ; CAN ; Profibus				
• Network	1 x 10/100Mb(Ethercat only B/C version)		2 x 10/100Mb(Ethercat only B/C version)		
• USB Ports	1 x USB Host + 1 x USB Device (V. 2.0)		2 x USB Host + 1 x USB Device (V. 2.0)		
• Slot	1 x SDHC/MMC				
• External (W/D/H)(mm)	166 x 112 x 46 (61 with double port)	202 x 142 x 46	341 x 329 x 49	437 x 286 x 54,5	
• Cut-out (W/D/H)(mm)	158,5 x 104,5	195 x 135	341 x 329	437 x 286	
• Power Supply (Vdc)	12-32 (A version) / 18-32 (B-C versions)				
• Consumption (W)	4	7	15	19	
• Temperature (°C)	Operating -10...+50 / RH=85% non condensing				
• Weight (kg)	0,8	1,8	3,2	5	
• Certifications	CE / EN60068-2-6 / EN60068-2-27 / Humidity EN60068-2-30 / Atex Group II-cat.3 G/D / Gost / IP66				



Twist: our inclined surface that means more cleanness.



PTFE coating: more resistant, no harmful substances.



Swipe function with our Runtime.

Codes	Descriptions
EW104AA000	4,3" 262K/SP ETH/USB SD/CREW
EW104AA0SP	4,3" 262K/2SP ETH/USB SD/CREW
EW104AA0CN	4,3" 262K/SP CAN ETH/USB SD/CREW
EW104AA0DP	4,3" 262K/SP DP ETH/USB SD/CREW
EW104AB000	4,3" 262K/SP ETH/USB SD/CREW/PLC
EW104AB0SP	4,3" 262K/2SP ETH/USB SD/CREW/PLC
EW104AC000	4,3" 262K/SP ETH/USB SD/CREW/PLC/BACKPLANE I/O
EW104AC0SP	4,3" 262K/2SP ETH/USB SD/CREW/PLC/BACKPLANE I/O

Codes	Descriptions
EW107AA000	7" 16M/SP 2ETH/USB SD/CREW
EW107AA0SP	7" 16M/2SP 2ETH/USB SD/CREW
EW107AA0CN	7" 16M/SP CAN 2ETH/USB SD/CREW
EW107AA0DP	7" 16M/SP DP 2ETH/USB SD/CREW
EW107AB000	7" 16M/SP 2ETH/USB SD/CREW/PLC
EW107AB0SP	7" 16M/2SP 2ETH/USB SD/CREW/PLC
EW107AC000	7" 16M/SP 2ETH/USB SD/CREW/PLC/BACKPLANE I/O
EW107AC0SP	7" 16M/2SP 2ETH/USB SD/CREW/PLC/BACKPLANE I/O

Codes	Descriptions
EW112AA0SP	12,1" 16M/2SP 2ETH/USB SD/CREW
EW112AA0CN	12,1" 16M/SP CAN 2ETH/USB SD/CREW
EW112AA0DP	12,1" 16M/SP DP 2ETH/USB SD/CREW
EW112AB0SP	12,1" 16M/2SP 2ETH/USB SD/CREW/PLC
EW112AC0SP	12,1" 16M/2SP 2ETH/USB SD/CREW/PLC/ BACKPLANE I/O

Codes	Descriptions
EW115AA0SP	15,6" 16M/2SP 2ETH/USB SD/CREW
EW115AA0CN	15,6" 16M/SP CAN 2ETH/USB SD/CREW
EW115AA0DP	15,6" 16M/SP DP 2ETH/USB SD/CREW
EW115AB0SP	15,6" 16M/2SP 2ETH/USB SD/CREW/PLC
EW115AC0SP	15,6" 16M/2SP 2ETH/USB SD/CREW/PLC/BACKPLANE I/O



crew

EW100A HMIs programmed by
CREW, our SW Suite Editor
& Runtime.



Everyware

EW100A HMIs powered
by Everyware, our Remote
Maintenance SW Platform.



CODESYS

SoftPlc available on
www.esa-automation.com

Digital I/O

EW600B08B04 8 Digital Input + 4 Digital Output	• Supply Voltage (Vdc)	24
	• Isolation	Optoisolated
	• Input Number	8
	• Input Type	PNP, NPN
	• Output Number	4
	• Output Type	PNP (300 mA/output)
	• Temperature (°C)	-10...+50 / RH=85% non condensing
	• External dimensions (mm)	96x72x20 (with terminals)
	• Certifications	CE/EN60068-2-6/EN60068-2-27/EN60068-2-30/Gost/IP20

Analog I/O

EW600A03A02 3 Analog Input + 2 Analog Output	• Supply Voltage (Vdc)	24
	• Input Number	3
	• Input Type	0 / 5 V, 0 / 10 V, +10 / -10 V, 0 / 20 mA, 4 / 20 mA
	• Output Number	2
	• Output Type	0 / 5 V, 0 / 10 V, +10 / -10 V, 0 / 20 mA, 4 / 20 mA
	• Resolution	16 Bit (sign included)
	• Temperature (°C)	-10...+50 / RH=85% non condensing
	• External dimensions (mm)	96x72x20 (with terminals)
	• Certifications	CE/EN60068-2-6/EN60068-2-27/EN60068-2-30/Gost/IP20