

Standard panels



Panel	PP875	PP881	PP883	PP886	PP895
Article number	3BSE092977	3BSE092978	3BSE092979	3BSE092980	3BSE092981
Display size	7"	10.1"	12.1"	15.4"	21.5"
Display resolution, ratio	800 x 480 (16:9)	1024 x 600 (16:9)	1280 x 800 (16:10)	1280 x 800 (16:10)	1920 x 1080 (16:9)
Display colors	TFT-LCD, LED backlight				
Brightness (cd/m ²)	350	500	400	450	250
Dimming	Yes				
Interaction type	Resistive touch				
Processor	ARM9 (1GHz)				
Main memory	512 MB	1.0 GB	1.0 GB	1.0 GB	2.0 GB
Application memory	1.5 GB (SSD)				
External storage media	1 x SD card slot (or SDHC with latest image loaded)				
Realtime clock	Yes				
Ethernet (shielded RJ 45)	1 x 10/100 Base-T	2 x 10/100 Base-T			
USB	1 x USB 2.0, max. 500mA	2 x USB 2.0, 500 mA			
Serial port 1/2	1 x RS232, 1 x RS422/485, 1 x RS485 (only if COM 2 is RS485)				
Dimension W×H×D (mm)	204 x 243 x 50	292 x 194 x 52	340 x 242 x 57	410 x 286 x 61	556 x 347 x 65
Cut-out dimension W×H (mm)	187 x 126	275 x 177	324 x 226	394 x 270	539 x 331
Mounting depth (mm) ⁽¹⁾	43 (143)		44 (144)		76 (176)
Mounting	Panel Mount and VESA 75 x 75				
Net weight (kg)	0.8	1.65	2.6	3.85	7.38
Frame material	White powder-coated aluminum				
Power supply	+24 VDC (18-32 VDC)				
Power consumption	14.4 W	21.6 W	28.8 W	31.2 W	45.6 W
Protection (front/rear)	IP65 / IP20				
Operating temperature	-10 °C to +60 °C				0 °C to + 50 °C
Relative operating humidity	5-85 % non-condensing				
Storage temperature	-20 °C to +70 °C				
Vibration and shock	1 G / 15 G				
Environmental and Certification ⁽²⁾	CE, FCC, KCC, UL61010-2-201, DNV, KR, GL, LR, ABS, CCS				CE, UL61010-2-201, FCC, KCC
	RoHS compliance: DIRECTIVE/2011/65/EU				
	WEEE compliance: DIRECTIVE/2012/19/EU				

(1) Including clearance.

(2) For detailed information on each module, please visit:

800xahardwareselector.automation.abb.com/
symphonyplushardwareselector.automation.abb.com/
freelancehardwareselector.automation.abb.com/
compacthardwareselector.automation.abb.com/