

A Single Source...A Total Solution

Sensors
Safety
Vision
Motion
Automation
Controls

SIEMENS

HMI Matrix

Basic & Comfort Panels

Order Number	Model	Screen Size	Type	Color	Resolution	Keys	Connectivity	General 1	General 2	Display	Data Log/Trace	Security	OS	PC Function	Printer	Software	Protocol Drivers and PLC Types	
		Diagrams	Touch Panel	Monochrome	1600x1200	1600x1200	RS-485, RS-232, Profibus-DP, EtherCAT, Ethernet	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200	1600x1200
6ES7 311-1CG03-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG02-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG01-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG00-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG03-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG02-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG01-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	
6ES7 311-1CG00-0AB0	TP 270 Comfort	27"	X	X	1600x1200	16	X	X	X	X	X	X	X	X	X	X	X	

Brad Hart - Automation Specialist
October 8, 2013

Part Number	Model	Size	Type		Color				Resolution							Keys				
		Screen Size	Touch Panel	Keypad Panel	Current Draw at 24VDC	4-Color Backlight	Monochrome	256 Color	Up to 16 Million Color	240 x 80	320 x 240	480 x 272, 16:9	640 x 480	800 x 480, 16:9	1024 x 768	1280 x 800, 16:9	1366 x 768, 16:9	1920 x 1080, 16:9	System Keys	Function Keys
6AV6647-0AH11-3AX0	KP300 Basic	3.6"		X	0.10	X			X											10
6AV6647-0AA11-3AX0	KTP400 Basic	3.8"	X		0.07		X			X										4
6AV6647-0AJ11-3AX0	KP400 Basic	4.3"		X	0.10			X			X								26	8
6AV6647-0AK11-3AX0	KTP400 Basic	4.3"	X		0.10			X			X									4
6AV6647-0AB11-3AX0	KTP600 Basic	5.7"	X		0.24		X			X										6
6AV6647-0AC11-3AX0	KTP600 Basic (DP)	5.7"	X		0.35			X		X										6
6AV6647-0AD11-3AX0	KTP600 Basic	5.7"	X		0.35			X		X										6
6AV6647-0AE11-3AX0	KTP1000 Basic (DP)	10.4"	X		0.60			X				X								8
6AV6647-0AF11-3AX0	KTP1000 Basic	10.4"	X		0.60			X				X								8
6AV6647-0AG11-3AX0	TP1500 Basic	15"	X		0.24			X					X							
6AV2124-2DC01-0AX0	KTP400 Comfort	4.3"	X		0.13			X			X									4
6AV2124-1DC01-0AX0	KP400 Comfort	4.3"		X	0.13			X			X									8
6AV2124-1GC01-0AX0	KP700 Comfort	7.0"		X	0.50			X					X							24
6AV2124-1JC01-0AX0	KP900 Comfort	9.0"		X	0.75			X					X							26
6AV2124-1MC01-0AX0	KP1200 Comfort	12.1"		X	0.85			X							X					34
6AV2124-1QC02-0AX0	KP1500 Comfort	15.4"		X	1.50			X							X					36
6AV2124-0GC01-0AX0	TP700 Comfort	7.0"	X		0.50			X					X							
6AV2124-0JC01-0AX0	TP900 Comfort	9.0"	X		0.75			X					X							
6AV2124-0MC01-0AX0	TP1200 Comfort	12.1"	X		0.85			X							X					
6AV2124-0QC02-0AX0	TP1500 Comfort	15.4"	X		1.50			X							X					
6AV2124-0UC02-0AX0	TP1900 Comfort	18.5"	X		1.30			X								X				
6AV2124-0XC02-0AX0	TP2200 Comfort	21.5"	X		2.20			X									X			

Part Number	Model	Connectivity						General 1							
		RS-485/RS-422, Female 9-Pin	Ethernet, RJ45	USB 2.0 (up to 480Mbps)	USB Mini B	Barcode on USB	MMC/SD Slot	Cutout: Width x Height (in mm)	Memory	Screens	Variables/Tags	Alarm Messages	Text Lists	Graphics Lists	Scripts (Visual Basic)
6AV6647-0AH11-3AX0	KP300 Basic		X					149(+1) x 82(+1)	512 KB	50	250	200			
6AV6647-0AA11-3AX0	KTP400 Basic		X					123(+1) x 99(+1)	512 KB	50	250	200	150	100	
6AV6647-0AJ11-3AX0	KP400 Basic		X					135(+1) x 171(+1)	512 KB	50	500	200	150	100	
6AV6647-0AK11-3AX0	KTP400 Basic		X					123(+1) x 99(+1)	512 KB	50	500	200	150	100	
6AV6647-0AB11-3AX0	KTP600 Basic		X					197(+1) x 141(+1)	512 KB	50	500	200	150	100	
6AV6647-0AC11-3AX0	KTP600 Basic (DP)	X						197(+1) x 141(+1)	512 KB	50	500	200	150	100	
6AV6647-0AD11-3AX0	KTP600 Basic		X					197(+1) x 141(+1)	512 KB	50	500	200	150	100	
6AV6647-0AE11-3AX0	KTP1000 Basic (DP)	X						310(+1) x 248(+1)	1 MB	50	500	200	150	100	
6AV6647-0AF11-3AX0	KTP1000 Basic		X					310(+1) x 248(+1)	1 MB	50	500	200	150	100	
6AV6647-0AG11-3AX0	TP1500 Basic		X					367(+1) x 289(+1)	1 MB	50	500	200	150	100	
6AV2124-2DC01-0AX0	KTP400 Comfort	X	X	X	X	X		123(+1) x 99(+1)	4 MB	500	1024	2000	300	100	100
6AV2124-1DC01-0AX0	KP400 Comfort	X	X	X	X	X	x2	135(+1) x 171(+1)	4 MB	500	1024	2000	300	100	100
6AV2124-1GC01-0AX0	KP700 Comfort	X	x2	x2	X	X	x2	281(+1) x 177(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-1JC01-0AX0	KP900 Comfort	X	x2	x2	X	X	x2	338(+1) x 206(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-1MC01-0AX0	KP1200 Comfort	X	x2	x2	X	X	x2	434(+1) x 268(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-1QC02-0AX0	KP1500 Comfort	X	x3	x2	X	X	x2	450(+1) x 291(+1)	24 MB	750	4096	6000	500	500	200
6AV2124-0GC01-0AX0	TP700 Comfort	X	x2	x2	X	X	x2	197(+1) x 141(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-0JC01-0AX0	TP900 Comfort	X	x2	x2	X	X	x2	250(+1) x 166(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-0MC01-0AX0	TP1200 Comfort	X	x2	x2	X	X	x2	310(+1) x 221(+1)	12 MB	500	2048	4000	300	100	100
6AV2124-0QC02-0AX0	TP1500 Comfort	X	x3	x2	X	X	x2	396(+1) x 291(+1)	24 MB	750	4096	6000	500	500	200
6AV2124-0UC02-0AX0	TP1900 Comfort	X	x3	x2	X	X	x2	465(+1) x 319(+1)	24 MB	750	4096	6000	500	500	200
6AV2124-0XC02-0AX0	TP2200 Comfort	X	x3	x2	X	X	x2	542(+1) x 362(+1)	24 MB	750	4096	6000	500	500	200

