

Part Numbers

Part Numbers: IDEC SmartTouch

	Part Numbers	Bezel Color	Description
12.1"	HG4F-JT22TFW	Light Gray	Color TFT LCD Touchscreen
	HG4F-JT22TFB	Black*	Color TFT LCD Touchscreen
	HG4F-JT22TFW-DH485-500	Light Gray	Color TFT LCD Touchscreen with DF1 / DH485 converter/cable package for SLC 500 (w/RJ45 connector)
10.4"	HG3F-FT22TFW	Light Gray	Color TFT LCD Touchscreen
	HG3F-FT22TFB	Black*	Color TFT LCD Touchscreen
	HG3F-FT22TFW-DH485-500	Light Gray	Color TFT LCD Touchscreen with DF1/DH485 converter/cable package for SLC 500 (w/RJ45 connector)
5.7"	HG2F-SS22VCF	Light Gray	Color STN LCD Touchscreen
	HG2F-SB22VCF	Light Gray	Monochrome STN LCD Touchscreen
	HG2F-SS22VCF-DH485-500	Light Gray	Color STN LCD Display with DF1 / DH485 converter/ cable package for SLC500 (w/ RJ45 connector)
	HG2F-SB22VCF-DH485-500	Light Gray	Monochrome STN Color Display with DF1 / DH485 converter / cable package for SLC500 (w/RJ45 connector)
5.7" with CC Click	HG2F-SS52VCF	Light Gray	Color STN LCD Touchscreen w/ CC Click Tactile Touchbutton Technology
	HG2F-SB52VCF	Light Gray	Monochrome STN LCD Touchscreen w/ CC Click Tactile Touchbutton Technology



* Black Bezel Models available upon request. Please consult IDEC.

Accessories

Part Numbers: Accessories

Accessory	Description	Part Number
Programming Tools	WindO/I-NV2 Programming software for all IDEC Touchscreen Series	HG9Y-ZSS2W
	Cable connecting PC to Touchscreen via RS-232 Serial Port	HG9Z-XCM1A
Converters	USB to RS-232 Converter for PCs without Serial Ports	FC4A-USB
	AB SLC500 (w/RJ45 connector) DF1 / DH485 Communication Package	HG9Z-GWDF1DH485-2
Protective Sheet	For 12.1" HG4F (2 pcs. / pack)	HG9Z-4DAPN02
	For 10.4" HG3F (2 pcs. / pack)	HG9Z-3DAPN02
	For 5.7" HG2F (5 pcs. / pack)	HG9Z-2D2
Mounting Clips	For 10.4" HG3F & 12.1" HG4F (10 pcs. / pack)	HG9Z-4K1PN10
	For 5.7" HG2F (4 pcs. / pack)	HG9Z-2K1PN04
Replacement Backlight	For 12.1" HG4F	HG9Z-4FB
	For 10.4" HG3F	HG9Z-3FB
	For 5.7" HG2F	HG9Z-2B1
O/I Link Unit	For 12.1" HG4F / 10.4" HG3F / 5.7" HG2F	HG9Z-2G1
32 Point Digital I/O	For 10.4" HG3F & 12.1" HG4F (16 Inputs & 16 Outputs)	HG9Z-3P102
	For 5.7" HG2F (16 Inputs & 16 Outputs)	HG9Z-2P101
Compact Flash Card	32MB CF Card for 5.7" HG2F, 10.4" HG3F, 12.1" HG4F	HG9Z-MF32

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Part Numbers: Cables

Manufacturer	Series	Applicable CPU	Communication Type	Communication Module Required	Comm. Cable P/N
IDEC	FA-3S	PF3S-CP12/CP13	RS232	PF2-CLA	N/A
				PF3S-SIF2	N/A
		RS485	PF3S-SIF4	N/A	
		PF3S-CP11/CP11T	RS232	PF2-CLA	N/A
	FA-2J	PF2J			
	Micro3	FC2A	RS485	Built-in Port	HG9Z-3C115A
	Micro3C	FC2A-...C	RS232	Built-in Port	HG9Z-3C125A
			RS485	Built-in Port	HG9Z-2C145A
	OpenNet	FC3A	RS232	Built-in Port	HG9Z-3C125A
			RS485	Built-in Port	HG9Z-2C145A
	MicroSmart	FC4A	RS232	Built-in Port	FC4A-KC2CA
				FC4A-PC1/HPC1	
			RS485	FC4A-PC2/HPC2	HG9Z-3C115A
				FC4A-PC3/HPC3	HG9Z-2C145A
Allen Bradley	PLC-5	1785	RS232	Built-in Port	N/A
				1770-KF2	
			RS422	Built-in Port	N/A
				1770-KF2	
	SLC-5/03, SLC-5/04, SLC-5/05	1747-L53, 1747-L54	RS232	Built-in Port	HG9Z-2C125A
			DH485	Built-in Port	please purchase IDEC converter: HG9Z-GWDF1DH485-2 (DF1-DH485 converter)
	MicroLogix 1000, 1200, 1500	1761, 1762	RS232	Built-in Port	HG9Z-2C135A
	Automation Direct (Koyo)	DL405	D4-430, D4-440	RS232	Built-in Port
D4-DCM					
RS422		Built-in Port	N/A		
DL205		D2-240	RS232	Built-in Port	N/A
Siemens	S7-200	CPU 212, 214, 215, 216, 221, 222, 224, 226, 226XM, 224XP	RS485	Built-in Port	HG9Z-2C155
	S7-300	CPU 313, 314, 315, 315-2DP, 316, 318	RS232	CP-340-RS232C or CP-341-RS232C	N/A
			RS485	CP-340-RS 422/485 or CP-340-RS 422/485	N/A
	S7-400	CPU 412, 414, 416, 416F-2, 417		CP-440-RS 422/485 or CP-440-RS 422/485	
RS232			CP-440-RS232C or CP-441-RS232C	N/A	
Schneider (Telemecanique, SquareD)	Twido	TWDLCAA16DRF, TWDLCAA24DRF (including 10, 20, 40 CPUs)	RS232	TWDNAC232D	N/A
			RS485	TWDNAC485D	HG9Z-3C115A
				TWDNAC485T	HG9Z-2C145A
	Momentum	171CCC96020	RJ-45 Ethernet Port	Built-in RJ-45 Port	CAT 5 Ethernet Crossover cable



N/A = Cable not available at this time. Wiring diagram available at www.idec.com/usa/smarttouch. Select the link for "Supported PLCs".

Manufacturer	Series	Applicable CPU	Communication Type	Communication Module Required	Comm. Cable P/N	
Others	Others	Any PLCs that support MODBUS/TCP protocol	RJ45 Ethernet Port	Built-in RJ45 Port	Cat 5 Ethernet Crossover Cable	
Aromat	FP	FP0	RS232	Built-in-Port	HG9Z-2C165A	
		FP1	RS232	Built-in-Port	N/A	
			AFP8550	N/A		
			RS422	Built-in-Port	N/A	
		FP Sigma	RS232	Built-in-Port	HG9Z-2C165A	
				FPG-COM1 (AFPG801)	N/A	
			FPG-COM2 (AFPG802)	N/A		
		RS485	FPG-COM3 (AFPG803)	N/A		
		FP10, FP10SH	RS232	Built-in-Port	N/A	
				AFP3462		
FP2, FP2SH	Built-in-Port					
	AFP3462					
Mitsubishi	MELSEC-A	A1N, A2N, A3N	RS232	AJ71C24-S3/S6/S8 or AJ71UC24	HG9Z-3C135A	
			RS485	AJ71C24-S3/S6/S8 or AJ71UC24	N/A	
		A1SH	RS485	A1SJ71C24-R2/R4 or A1SJ71UC24-R2/R4	HG9Z-3C145A	
			RS232	A1SJ71C24-R2/R4 or A1SJ71UC24-R2/R4		
		A2CCPUC24	RS232	Built-in-Port		
		A0J2, A0J2H	RS232	A0J2-C214-S1	HG9Z-3C135A	
			RS485	A0J2-C214-S1	N/A	
		A2A, A3A, A2U, A3U, A4U	RS485	1J71C24-S6/S8 or AJ71UC24		
			RS232	1J71C24-S6/S8 or AJ71UC24	HG9Z-3C135A	
		A2US, A2USH-S1	RS232	A1SJ71C24-R2/R4 or A1SJ71UC24-R2/R4	HG9Z-3C145A	
			RS485	A1SJ71C24-R2/R4 or A1SJ71UC24-R2/R4	N/A	
		A2N	RS422	Built-in-Port	HG9Z-3C165A	
		A1SJH, A1SH, A2SH, A2C, A0J2H				
		A2A, A3A, A2US, A2USH				
		A2U, A2USH-S1				
		MELSEC-Q	Q00CPU, Q01CPU	RS232	Built-in-Port	N/A
			Q02CPU			
			C01CPU-A			
			Q02CPU, Q06HCPU, Q12PHCPU	RS232	Built-in-Port	HG9Z-3C145A
	RS485			Built-in-Port	N/A	



N/A = Cable not available at this time. Wiring diagram available in WindO/I-nv2 manual. Visit www.idec.com/manuals. Download Host Interface manual & select "Connection to a PLC" Chapter 2.

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Operator Interfaces

Manufacturer	Series	Applicable CPU	Communication Type	Communication Module Required	Comm. Cable P/N	
Mitsubishi con't	MELSEC-FX	FX0, FX0N, FX0S, FX1, FX1S, FX2, FX2C	RS422	Built-in-Port	HG9Z-3C165A	
		FX1N, FX1NC, FX2N, FX2NC				
		FX3UC				
		FX2N	RS422	FX2N-422-BD	N/A	
			RS485	FX2N-485-BD		
			RS232	FX2N-232-BD		
		FX1N	RS232	FX1N-232-BD	N/A	
			RS422	FX1N-422-BD		
			RS485	FX2N-485-BD		
Omron	SYSMAC-C	CP1, CPM1A	RS232	CPM1-CIF01	HG9Z-3C155A	
			RS422	CPM1-CIF11	N/A	
		CPM2A	RS232	Built-in-Port	HG9Z-3C155A	
				CPM1-CIF01		
		C500, C500F, C1000H, C2000, C2000H	RS232	C120-LK201-V1	HG9Z-3C135A	
				C500-LK201-V1		
				C500-LK203		
			RS422	C120-LK202-V1	N/A	
				C500-LK201-V1		
				C500-LK203		
		C1000HF	RS422	C500-LK203	N/A	
			RS232		N/A	
		C200HS	RS232	C200H-LK201	HG9Z-3C135A	
			RS422	C200H-LK202		
		C200HE, C200HG, C200HX	RS422	C200HW-COM03/06	N/A	
				C200H-LK201	HG9Z-3C135A	
			RS232	C200HW-COM02/040/5/06	N/A	
				C120, C120F	RS232	C120-LK201-V1
		RS422	C120-LK202-V1		N/A	
		CQM1H, C200HS-CPU21/23/31/33	RS232	Built-in-Port	HG9Z-3C155A	
		C200HE-CPU42, C200HG-CPU43/63, C200HX-CPU44/64	RS232	Built-in-Port	N/A	
		CS1	CS1G, CS1H	RS232		Built-in-Port
				RS422		CS1W-SCB41 (port1)
					CS1W-SCB41 (port2)	N/A
Keyence	KV Series	KV 10, 16, 24, 40, 80	RS232	Built-in-Port	N/A	
	KV-700	KV-700				
GE Fanuc	VersaMax Nano/Micro	10 I/Os, 14 I/Os	RS232	Built-in-Port	N/A	
		23 I/Os, 28 I/Os	RS485	Built-in-Port	N/A	
	Series 90-30	CPU 311, 313, 323, 331, 341, 350, 351, 352, 360, 363, 364, 374	RS485	Built-in-Port		
		CPU 331, 341, 350, 351, 352, 360, 363, 364, 374	RS232	IC693CMM311		N/A
			RS485		N/A	



N/A = Cable not available at this time. Wiring diagram available in WindO/I-nv2 manual. Visit www.idec.com/manuals. Download Host Interface manual & select "Connection to a PLC" Chapter 2.