

PRODUCTIVE SOLUTIONS

CK 92/33265/23 (Established 1992)

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PLC PRICE LIST

Item Name	Model Number	OEM Prices	Specifications
NC Control CPU	FBs-20MN□◊Δ-⊖	R 4,780.00	2 points 920KHz 5VDC 2 differential input, 10 points 24VDC digital input (20KHz), 2 points 920KHz 5VDC differential output, 6 points (R/T/S) digital output (Model "T" 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-32MN□◊Δ-⊖	R 6,536.00	4 points 920KHz 5VDC digital differential input, 16 Points 24VDC digital input (20KHz for 12 Points), 4 points 920KHz 5VDCdigital differential output, 8 Points (R/T/S) digital output (Model "T" 4 Points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-44MN□◊Δ-⊖	R 8,582.00	8 points 920KHz 5VDC digital differential input, 20 Points 24VDC digital input (20KHz for 8 points), 8 points 920KHz 5VDCdigital differential output, 8 points (R/T/S) digital output (Model "T" 4 Points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
Advanced CPU	FBs-10MC□◊Δ-⊖-XY	R 1,448.00	6 points 24VDC digital input (2 points 100KHz 4 points 20KHz), 4 points (R/T/S) digital output (Model "T" 2 points 100KHz 2 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, I/O is not expandable
	FBs-14MC□◊Δ-⊖-XY	R 1,574.00	8 points 24VDC digital input (2 points 100KHz 6 points 20KHz), 6 points (R/T/S) digital output (Model "T" 2 points 100KHz 4 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, I/O is not expandable
	FBs-20MC□◊Δ-⊖-XY	R 2,398.00	12 points 24VDC digital input (2 points 100KHz 10 points 20KHz), 8 points (R/T/S) digital output (Model "T" 2 points 100KHz 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-24MC□◊Δ-⊖-XY	R 2,746.00	14 points 24VDC digital input (2ppoints 100KHz 12 points 20KHz), 10 points (R/T/S) digital output (Model "T" 2 points 100KHz 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-32MC□◊Δ-⊖-XY	R 3,170.00	20 points 24VDC digital input (2 points 100KHz 14 points 20KHz), 12 Points (R/T/S) digital output (Model "T" 2 points 100KHz 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-40MC□◊Δ-⊖-XY	R 3,596.00	24 points 24VDC digital input (2 points 100KHz 14 points 20KHz), 16 points (R/T/S) digital output (Model "T" 2 points 100KHz 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-60MC□◊Δ-⊖-XY	R 4,094.00	36 points 24VDC digital input (2 points 100KHz 14 points 20KHz), 24 points (R/T/S) digital output (Model "T" 2 points 100KHz 6 points 20KHz output), 1 RS232 or UFB port (expandable up to 5 ports), built-in RTC, detachable terminal block, I/O Expandable to 256 Inputs and 256 Outputs.

Basic CPU and I/O	FBs-10MA□◊Δ-⊙	R 1,224.00	6 points 24VDC digital input (up to 10KHz in 4 points), 4 Points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O is not expandable
	FBs-14MA□◊Δ-⊙	R 1,348.00	8 points 24VDC digital input (up to 10KHz in 4 points), 6 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O is not expandable
	FBs-20MA□◊Δ-⊙	R 1,948.00	12 points 24VDC digital input (up to 10KHz in 4 points), 8 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-24MA□◊Δ-⊙	R 2,148.00	14 points 24VDC digital input (up to 10KHz in 4 points), 10 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-32MA□◊Δ-⊙	R 2,398.00	20 points 24VDC digital input (up to 10KHz in 4 points), 12 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-40MA□◊Δ-⊙	R 2,646.00	24 points 24VDC digital input (up to 10KHz in 4 points), 16 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O Expandable to 256 Inputs and 256 Outputs.
	FBs-60MA□◊Δ-⊙	R 3,268.00	36 points 24VDC digital input (up to 10KHz in 4 points), 24 points (R/T/S) digital output (Model "T" has 4 points 10KHz output), one RS232 or UFB port (can be expanded up to 3 ports), I/O Expandable to 256 Inputs and 256 Outputs.
Power Supply	FBs-POW-⊙	R 724.00	Power supply for expansion module, with single 5VDC and dual 24VDC voltage output and up to 20VA capacity
Digital Expansion	FBs-24EAP□◊-⊙	R 2,120.00	14 points 24VDC digital input, 10 points (R/T/S) digital output, built-in power supply
	FBs-40EAP□◊-⊙	R 2,340.00	24 points 24VDC digital input, 16 points (R/T/S) digital output, built-in power supply
	FBs-60EAP□◊-⊙	R 2,560.00	36 points 24VDC digital input, 24 points (R/T/S) digital output, built-in power supply

Digital I/O Module	Digital Expansion Unit	FBs-8EA□◇	R 674.00	4 points 24VDC digital input, 4 points (R/T/S) digital output
		FBs-8EX	R 526.00	8 points 24VDC digital input
		FBs-8EY□◇	R 724.00	8 points (R/T/S) digital output
		FBs-16EA□◇	R 1,248.00	8 points 24VDC digital input, 8 points (R/T/S) digital output
		FBs-16EY□◇	R 1,374.00	16 points (R/T/S) digital output
		FBs-20EX	R 1,248.00	20 points 24VDC digital input
		FBs-24EA□◇	R 1,324.00	14 points 24VDC digital input, 10 points (R/T/S) digital input
		FBs-40EA□◇	R 1,972.00	24 points 24VDC digital input, 16 points (R/T/S) digital output
		FBs-60EA□◇	R 2,522.00	36 points 24VDC digital input, 24 points (R/T/S) digital output
	High-Density Digital Expansion Module	FBs-24EX	R 750.00	24 points high-density 24VDC digital input, 30-Pin Header connector
		FBs-24EYT	R 804.00	24 points high-density transistor Sink type digital output (0.1A max.), 30-Pin Header connector
Numeric I/O Expansion Module	FBs-7SG1	R 1,174.00	1 set (8 digits) 7 segment LED display (or 64 Points independent LED) output display module, 16-PinHeader connector	
	FBs-7SG2	R 1,624.00	2 set (16 digits) 7 segment LED display (or 128 Points independent LED) output display module, 16-PinHeader connector	
	FBs-32DGI	R 1,120.00	8 set 4 digits (total 32 digits) Thumbwheel switch (or 128 Points independent switch) multiplex input module, 30-Pin Header connector	
Analog Expansion Module	FBs-6AD	R 2,022.00	6 channel, 12 bits analog input module (-10V~0V~+10V or -20mA~0mA~+20mA)	
	FBs-2DA	R 2,154.00	2 channel, 14 bits analog output module (-10V~0V~+10V or -20mA~0mA~+20mA)	
	FBs-4DA	R 2,976.00	4 channel, 14 bits analog output module (-10V~0V~+10V or -20mA~0mA~+20mA)	
	FBs-4A2D	R 2,800.00	4 channel, 12 bits analog input 2 channel, 14 bits digital output combo analog module (-10V~0V~+10V or -20mA~0mA~+20mA)	

Temperature Input Module	FBs-TC2	R 2,020.00	2 channel thermocouple temperature input module with 0.1° resolution
	FBs-TC6	R 3,196.00	6 channel thermocouple temperature input module with 0.1° resolution
	FBs-RTD6	R 2,946.00	6 channel RTD temperature input module with 0.1° resolution
	FBs-TC16	Not Yet Available	16 channel thermocouple temperature input module with 0.1° resolution
	FBs-RTD16	Not Yet Available	16 channel RTD temperature input module with 0.1° resolution
Communication Expansion Module ↔	FBs-CM22	R 754.00	2 port RS232 (Port3 Port4) communication module
	FBs-CM55	R 796.00	2 port RS485 (Port3 Port4) communication module
	FBs-CM25	R 754.00	1 port RS232 (Port3) 1 port RS485 (Port4) communication module
	FBs-CM25E	R 2,048.00	1 port RS232 (Port3) 1 port RS485 (Port4) Ethernet network interface communication module
	FBs-CM55E	R 2,054.00	1 port RS485 (Port3) 1 port RS485 (Port4) Ethernet network interface communication interface
	FBs-CM25C	R 920.00	General purpose RS232 - RS485 Converter with optical isolation
	FBs-CM5R	R 1,208.00	General purpose RS485 Repeater with optical isolation
	FBs-CM5H	R 2,390.00	General purpose 4-port RS485 HUB with optical isolation
Communication Expansion Board	FBs-CB2	R 326.00	1 port RS232 (Port2) communication board
	FBs-CB22	R 624.00	2 port RS232 (Port1 Port2) communication board
	FBs-CB5	R 326.00	1 port RS485 (Port2) communication board
	FBs-CB55	R 624.00	2 port RS485 (Port1 Port2) communication board
	FBs-CB25	R 624.00	1 port RS232 (Port1) 1 port RS485 (Port2) communication board
	FBs-CBE	Not Yet Available	1 port Ethernet communication board

Communication Cable	FBs-232P0-9F-150	R 70.00	FBs-Main unit Port 0 RS232 to 9Pin female D-Sub communication cable, 150cm long
	FBs-232P0-9M-400	R 130.00	FBs-Main unit Port 0 RS232 to 9Pin male D-Sub communication cable, 400cm long
	FBs-UFBP0-180	R 90.00	FBs-Min unit Port 0 UFB communication cable (standard UFB A - B)
Memory	FBs-PACK	R 230.00	FBs-PLC Program memory pack with 20Kword program, 20Kword register, and write protection switch
Programming Device	SP-07C	Not Yet Available	Hand held programmer for FBs-PLC
	WinLadder	R 0.00	WinLadder Programming software for Windows
Others	SATEK Comm. Server		SATEK DDE communication server
	FBs-XTNR	R 248.00	Extension cable adapter
	HD30-22AWG-200	R 200.00	Include 22AWG I/O cable for 30Pin Header connector, 200cm long (for FBs-24EX, -24EYT, and -32DGI)
Simple Human-Machine Interface	FB-DAP-B(R)	R 1,920.00	1632 LCD character display, 20key keyboard, 24VDC power supply, RS-485 communication interface (suffixed R means wireless read card module included)
	FB-DAP-C(R)	Not Yet Available	1632 LCD character display, 20key keyboard, 5VDC power supply, RS232 communication interface (suffixed R means wireless read card module included)
Wireless Card	CARD-1	R 174.00	Read-only wireless card (for FB-DAP-BR/CR)
	CARD-2	R 202.00	Read/Write wireless card(for FB-DAP-BR/CR)
Education and Training Kit	T-BOX	R 8,400.00	46cm x 32cm x 16cm suitcase, containing FBs-24MCT main unit, FBs-CM25E communication module (RS232 + RS485 + Ethernet network), 14 simulated input switches, 10 external relay isolation output, Doctor terminal outlet I/O, peripherals such as stepping motor, encoder, 7 segment display, 10 of 10 μ LLED indicator, thumbwheel switch, and 16key keyboard.

1. □ = Blank - Relay Output T = Transistor Output S = TRIAC Output
2. ◇ = Blank - Sink NPN J = Source PNP
3. Δ = Blank - built-in RS232 port U = built-in UFB port
4. ⊙ = Blank -100~240VAC power supply D = 24VDC power supply

5. XY The High-speed (120KHz) inputs/outputs of expansion module(Option) ExSBS-24MCT-21 It means the SBS-24MCT main-unit provides the 120KHz High-speed inputs (4points) .and the 120KHz High-speed outputs (3points).The SBS-24MCT-02 means only extended 2 points High-speed outputs(totally 4 points).

PLEASE NOTE THAT ALL PRICES ARE EX. VAT.