

Selection Guide

Programmable Logic Controllers

01 Touchscreens

PLCs



Automation Software

Power Supplies

Sensors

Communication

Barriers

Series	MicroSmart Family			SmartAXIS		IDEC SmartRelay
	MicroSmart FC6A	MicroSmart Pentra FC5A	MicroSmart FC4A	Controller	Touch	
Appearance						
Page Number	53	71	79	118		138
Rated Voltage	12 VDC, 24 VDC, 100-240 VAC	12 VDC, 24 VDC, 100-240 VAC	24 VDC, 100-240 VAC	24 VDC, 100-240 VAC	24 VDC	12-24 VDC, 24 VAC/DC, 100-240 VAC/DC
Max. Digital I/O	520	512	264	"48 (local)	12 (local) 156 (Remote I/O)	44
Max. Analog I/O	192 (remote I/O)"	"14 (local)	56	8 (Local) 32 (Remote I/O)	8	16
Base CPU I/O Configuration	158 (remote I/O)"	44	Slim style: 20, 40 I/Os	12, 24, 40, 48	12	12 I/O
	126	56	56			
Maximum Program Capacity	32 (remote I/O)"	8	16	48KB	5 MB/48K bytesx	2K bytes
Max. Communication Ports	16, 24, 40	"Slim: 12 I/O w/ Ethernet, 16, 32	2	4	3	1
Embedded Ethernet	Brick: 10, 16, 24"	"Slim: 20, 40	-	Yes	Yes	Yes
Modbus TCP	Brick: 10, 16, 24"	12, 24, 40, 48	12, 14	12	Yes	-
Modbus TCP	640K Bytes	128K Bytes	31.2K Bytes	48K Bytes	48K Bytes	2K Bytes
Modbu RTU and ASCII	3	7	2	4	3	1
CAN J1939	Yes	Yes	-	Yes	Yes	Yes
Web Server	Yes	Yes	-	Yes	Yes	-
Email and Text Message	Yes	Yes	-	Yes	Yes	-
User Web Page	Yes	-	-	-	-	-
USB Maintenance Port	Yes	Yes	-	-	-	Yes
32-bit Data & Floating Point Math	Yes	Yes	-	-	-	-
High Speed I/O Frequency	Yes	Yes	-	-	-	-
	Yes	Yes	-	Yes	Yes	-
	Yes	Yes	-	Yes	Yes	-
	100 Khz	100 Khz	20 Khz	100 Khz	10 Khz	5 Khz