









Selection Guide Programmable Logic Controllers

Series	MicroSmart Family		OpenNet Controller (ONC)	SmartRelay
	MicroSmart Pentra	MicroSmart		
Appearance				
Page Number	59	67	Visit www.IDEC.com/PLC	110
Rated Voltage	12 VDC, 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	512	264	480	40
Max. Analog I/O	56	56	42	10
Base CPU I/O Configuration	Slim style: 12 I/Os with Ethernet, 16, 32 I/Os	Slim style: 20, 40 I/Os	CPU base module only	12 I/O
	Brick style: 10, 16, 24 I/Os	Brick style: 10, 16, 24 I/Os		
Maximum Program Capacity	128K bytes	31.2K bytes	32K bytes	2K bytes
Max. Communication Ports	7	2	3	1
Embedded Ethernet	Yes	-	-	-
Modbus TCP	Yes	-	-	-
Web Server	Yes	-	-	-
Email and Text Message	Yes	-	-	-
User Web Page	Yes	-	-	-
USB Maintenance Port	Yes	-	-	-
Networking	Modbus TCP, RTU, ASCII	Yes	-	-
	AS-interface	Yes	-	Yes
	INTERBUS	-	-	Yes
32-bit Data & Floating Pt. Math	Yes	-	-	-
High Speed I/O Freq.	100 kHz	20 kHz	10 kHz	2 kHz
Approvals				

OI Touchscreens

PLCs

Automation Software

Power Supplies

Sensors

Communication

Barriers