



PDSM-755(D)

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Programmable Serial-to-Ethernet Device Servers

System Specifications

CPU		
CPU		80186-80 MHz or compatible
SRAM		512 KB
Flash Memory		Flash ROM: 512 KB ; Erase unit is one sector (64 KB) ; 100,000 erase/write cycles
EEPROM		16 KB; Data retention: 40 years; 1,000,000 erase/write cycles.
Built-in Watchdog Timer		Yes
Communication Interface		
Non-isolated	COM1	RS-232 (TxD, RxD, RTS, CTS, GND)
	COM2	RS-485 (D2+, D2-, GND)
	COM3	RS-485 (DATA+, DATA-, GND)
	COM4	RS-485 (DATA+, DATA-, GND)
	COM5	RS-485 (DATA+, DATA-, GND)
Ethernet		10/100 Base-TX, RJ-45 port (Auto-negotiating, auto MDI/MDI-X, LED indicator)
PoE		IEEE 802.3af
COM Port Formats		
Data Bit		7, 8: for COM1 and COM2 5, 6, 7, 8: for COM3 ~ COM5
Parity		None, Even, Odd, Mark, Space
Stop Bit		1: for COM1, COM2 1, 2: for COM3 ~ COM5
Baud Rate		115200 bps Max.
LED Indicators		
5-digit 7 Segment		Yes, only for "D" versions
System		Red
PoE		Green
Power		
Protection		Power Reverse Polarity Protection
Required Supply Voltage		+10 VDC ~ +30 VDC (non-regulated)
Power Consumption		PDS(M)-755: 2.0 W PDS(M)-755D: 2.7 W
Mechanism		
Flammability		Fire Retardant Materials (UL94-V0 Level)
Dimension (W x H x D)		88 mm x 123 mm x 28 mm
Installation		DIN-Rail or Wall mounting
Casing		Metal
Environment		
Operating Temperature		-25 ~ +75 °C
Storage Temperature		-40 ~ +80 °C
Humidity		5 ~ 90% RH, non-condensing