



Allen-Bradley

***Ethernet PLC-5
Programmable
Controller***

***(Cat. No. 1785-L20E,
-L40E, -L80E)***

Quick Start



General Specifications (continued)

Communication	- DH+ (trunk line: 3,048 cable-m (10,000 cable-ft); drop line: 30.4 cable-m (100 cable-ft)) - DH using 1785-KA - Serial - Ethernet (TCP/IP protocol, 15-pin, AUI transceiver port) - remote I/O
Location	1771-A1B, -A2B, A3B, -A3B1, -A4B, chassis, left-most slot
Keying	- Between 40 and 42 - Between 54 and 56
Weight	PLC-5/20E 1.43 kg (3.2 lbs) PLC-5/40E 1.39 kg (3.1 lbs) PLC-5/80 1.38 kg (3.0 lbs)
Agency Certification (when product is marked)	- CSA Class I, Division 2, Groups A, B, C, D - UL listed - CE marked for all applicable directives

Processor Specifications

This table lists specifications of each Ethernet PLC-5 family processor.

Processor/ Cat. No.	Maximum User Memory Words	Maximum I/O	Types of Communication Ports	Maximum Number of I/O Racks	Maximum Number of I/O Chassis		
PLC-5/20E (1785-L20E)	16K	512 (any mix) or 512 in + 512 out (complementary)	1 DH+ (Fixed) 1 DH+/Remote I/O (Adapter or Scanner) 1 serial port, configurable for RS-232 and 423 and RS-422A compatible 1 channel Ethernet only	4 (0-3)	13	0	12
PLC-5/40E (1785-L40E)	48 K ¹	2048 (any mix) or 2048 in + 2048 out (complementary)	2 DH+/Remote I/O (Adapter or Scanner) 1 channel Ethernet only 1 serial port, configurable for RS-232 and 423 and RS-422A compatible	16 (0-17)	61	0	60
PLC-5/80E (1785-L80E)	100 K ²	3072 (any mix) or 3072 in + 3072 out (complementary)	2 DH+/Remote I/O (Adapter or Scanner) 1 serial port, configurable for RS-232 and 423 and RS-422A compatible 1 channel Ethernet only	24 (0-27)	65	0	64

¹ The PLC-5/40E processors have a limit of 32K words per data table file.

² The PLC-5/80E processors have 64K words of total data table space with a limit of 56K words per program file and 32K words per data table file.