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Selecting the Processor Category

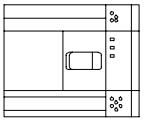
Max I/O	I/O Communication	Max User Memory	General Communication Ports	Processor Category
84 thru 104	• Processor-resident local I/O	• 1K instructions	• DH-485 (cannot initiate messages)	**SLC 500 Processor**
960	• Processor-resident local I/O	• 1K or 4K instructions	• DH-485 (cannot initiate messages)	**SLC 5/01 Processor**
4096 in + 4096 out	• Processor-resident local I/O • I/O at remote locations [1]	• 4K instructions	• DH-485	**SLC 5/02 Processor**
4096 in + 4096 out	• Processor-resident local I/O • I/O at remote locations [1]	• 8K or 16K words total	• DH-485 • RS-232	**SLC 5/03 Processor**
4096 in + 4096 out	• Processor-resident local I/O • I/O at remote locations [1]	• 16K, 32K, or 64K words total	• DH+ • RS-232	**SLC 5/04 Processor**
4096 in + 4096 out	• Processor-resident local I/O • I/O at remote locations [1]	• 16K, 32K, or 64K words total	• Ethernet • RS-232	**SLC 5/05 Processor**

[1] This type of I/O in this type of controller system requires a separate I/O scanner installed in an I/O module slot to provide a ControlNet, DeviceNet, or Universal Remote I/O port (see page 5-26).

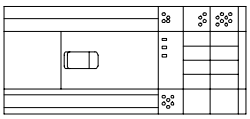
SLC 500 Catalog Numbers — Fixed Hardware Style

I/O Configuration [1]	Inputs	Outputs	Line Power	Catalog Number
12 inputs and 8 outputs	120V ac	Contact	120/240V ac	1747-L20A
	120V ac	Triac	120/240V ac	1747-L20B
	24V dc Sink (Source Load)	Contact	120/240V ac	1747-L20C
	24V dc Sink (Source Load)	Triac	120/240V ac	1747-L20D
	24V dc Sink (Source Load)	24V dc Transistor Source	120/240V ac	1747-L20E
	24V dc Sink (Source Load)	Contact	24V dc	1747-L20F
	24V dc Sink (Source Load)	24V dc Transistor Source	24V dc	1747-L20G
	24V dc Source (Sink Load)	24V dc Transistor Sink	120/240V ac	1747-L20L
	24V dc Source (Sink Load)	24V dc Transistor Sink	24V dc	1747-L20N
	240V ac	Contact	120/240V ac	1747-L20R
	240V ac	Triac	120/240V ac	1747-L20P
18 inputs and 12 outputs	120V ac	Contact	120/240V ac	1747-L30A
	120V ac	Triac	120/240V ac	1747-L30B
	24V dc Sink (Source Load)	Contact	120/240V ac	1747-L30C
	24V dc Sink (Source Load)	Triac	120/240V ac	1747-L30D
	24V dc Source (Sink Load)	24V dc Transistor Sink	120/240V ac	1747-L30L
	240V ac	Triac	120/240V ac	1747-L30P
24 inputs and 16 outputs	120V ac	Contact	120/240V ac	1747-L40A
	120V ac	Triac	120/240V ac	1747-L40B
	24V dc Sink (Source Load)	Contact	120/240V ac	1747-L40C
	24V dc Sink (Source Load)	24V dc Transistor Source	120/240V ac	1747-L40E
	24V dc Sink (Source Load)	Contact	24V dc	1747-L40F
	24V dc Source (Sink Load)	24V dc Transistor Sink	120/240V ac	1747-L40L
	240V ac	Triac	120/240V ac	1747-L40P
2-Slot Expansion Chassis				1746-A2

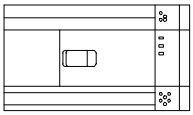
SLC 500 fixed 20-I/O controller



SLC 500 fixed 30-I/O controller with expansion chassis



SLC 500 fixed 40-I/O controller



[1] With the addition of a 2-slot expansion chassis to the Fixed-Hardware-Style Controller, a maximum of 32 additional I/O of any type (ac/dc/contact) can be installed. However, the following modules are incompatible with these controllers: 1746sc-INI4I, 1746sc-INI4VI, 1746-HS, 1746-HSCE, 1746-QV, 1747-SN, 1747-SDN. Also, some combinations of modules are incompatible because of backplane current loading. See publication 1747-2.30 for details of module compatibility.

Weights

Catalog Number and Weight in kg (lb)			
• 1746-A2	0.4 (1.0)	• 1746-OA8	0.3 (0.7)
• 1746-A4	0.7 (1.6)	• 1746-OA16	0.4 (0.8)
• 1746-A7	1.1 (2.4)	• 1746-OAP12	0.4 (0.9)
• 1746-A10	1.5 (3.3)	• 1746-OB8	0.2 (0.4)
• 1746-A13	1.9 (4.2)	• 1746-OB16	0.3 (0.5)
• 1746-BLM	0.2 (0.4)	• 1746-OB32	0.2 (0.5)
• 1746-BTM	0.3 (0.6)	• 1746-OBP16	0.3 (0.6)
• 1746-FIO4I	0.2 (0.5)	• 1746-OV8	0.2 (0.4)
• 1746-FIO4V	0.2 (0.4)	• 1746-OV16	0.2 (0.5)
• 1746-HSCE	0.2 (0.6)	• 1746-OV32	0.2 (0.5)
• 1746-IA4	0.2 (0.4)	• 1746-OVP16	0.3 (0.6)
• 1746-IA8	0.2 (0.4)	• 1746-OW4	0.2 (0.4)
• 1746-IA16	0.3 (0.6)	• 1746-OW8	0.2 (0.4)
• 1746-IB8	0.2 (0.4)	• 1746-OW16	0.3 (0.7)
• 1746-IB16	0.2 (0.5)	• 1746-OX8	0.3 (0.6)
• 1746-IB32	0.2 (0.5)	• 1746-P1	0.9 (2.0)
• 1746-IG16	0.2 (0.5)	• 1746-P2	1.1 (2.5)
• 1746-IM4	0.2 (0.4)	• 1746-P3	1.1 (2.5)
• 1746-IM8	0.2 (0.4)	• 1746-P4	1.1 (2.5)
• 1746-IM16	0.3 (0.6)	• 1746-P5	0.4 (0.8)
• 1746-INT4	0.3 (0.6)	• 1746-P6	1.1 (2.5)
• 1746-IO4	0.2 (0.4)	• 1746-QS	0.2 (0.5)
• 1746-IO8	0.2 (0.5)	• 1746-QV	0.2 (0.4)
• 1746-IO12	0.3 (0.6)	• 1746sc-IA8I	0.3 (0.6)
• 1746-ITB16	0.0 (0.5)	• 1746sc-IM8I	0.3 (0.6)
• 1746-ITV16	0.2 (0.5)	• 1746sc-INI4i	0.2 (0.4)
• 1746-IV8	0.2 (0.4)	• 1746sc-INI4vi	0.2 (0.4)
• 1746-IV16	0.2 (0.5)	• 1746sc-INO4i	0.3 (0.7)
• 1746-IV32	0.2 (0.5)	• 1746sc-INO4vi	0.3 (0.7)
• 1746-MPM	0.3 (0.6)	• 1746sc-OAP8I	0.3 (0.6)
• 1746-NI4	0.2 (0.4)	• 1747-ACN15	0.2 (0.4)
• 1746-NI8	0.3 (0.6)	• 1747-ACNR15	0.2 (0.5)
• 1746-NIO4I	0.2 (0.5)	• 1747-ASB	0.2 (0.4)
• 1746-NIO4V	0.2 (0.4)	• 1747-DCM	0.2 (0.3)
• 1746-NO4I	0.2 (0.4)	• 1747-KFC15	0.2 (0.5)
• 1746-NO4V	0.2 (0.5)	• 1747-SCNR	0.2 (0.5)
• 1746-NR4	0.3 (0.6)	• 1747-SDN	0.3 (0.6)
• 1746-NT4	0.2 (0.5)	• 1747-SN	0.2 (0.4)