

1771 I/O Modules

The 1771 series I/O modules offer digital, analog, and special-requirement modules. The 1771 I/O modules feature a wide range of:

- signal interfaces to ac and dc sensors and actuators.
- I/O densities with as many as 32 I/O points per module.
- signal levels, including standard analog inputs and outputs and direct thermocouple and RTD temperature inputs.

PLC-5 controllers support 1771 I/O over these networks:

- Local I/O
- Remote I/O
- Extended-local I/O
- ControlNet

When you select 1771 I/O modules, you must also select:

- Chassis
- Power supply
- Adapter module (if in remote chassis or extended-local chassis)

1771 Digital Input Modules

Category	Cat. No.	Inputs and Outputs	Voltage	Backplane Current Load
TTL	1771-IG	8 in	--	122 mA
	1771-IGD	16 in	--	130 mA
24V dc Sink Source Load	1771-IB	8 in	10...27V	74 mA
	1771-IBD	16 in	10...30V	250 mA
	1771-IBN	32 in	10...30V	280 mA
	1771-IT	8 in	12...24V	74 mA
	1771-IQ	8 in	5...30V	150 mA
	1771-IQ16	16 in	10...32V isolated	100 mA
	1771-IS	72 in	5V multiplexer	800 mA
	1771-DW	7 in	15...27 wire fault	300 mA
	1771-DS	8 in	10...27V latching	375 mA
	48V dc Sink Source Load	1771-IC	8 in	42...56V
1771-IH		8 in	24...50V	74 mA
24V dc Source Sink Load	1771-IV	8 in	12...24V	74 mA
	1771-IVN	32 in	10...30V	280 mA
	1771-IQ	8 in	5...30V	150 mA
	1771-IQ16	16 in	10...32V isolated	100 mA
24V ac	1771-IN	8 in	12...28V	80 mA
	1771-IND	16 in	16...30V ac 9...30V dc	250 mA