

Table 4 - Recommended Compact 5000 I/O Replacement (Continued)

Module Type	Catalog Number (1)	SLC Module Description	Recommended Compact 5000 I/O Replacement(2)	Compact 5000 I/O Module Description
Specialty (cont)	1746-BAS-T	High-speed basic module	No replacement	—
	1746-BLM	Blow molding module	No replacement	—
	1746-BTM	Barrel temperature module	No replacement	—
	1746-HS	IMC 110 motion module	No replacement	—
	1746-HSCE	High-speed counter encoder module	5069-HSC2X0B4	High-speed counter, 2-axis, 4-point sourcing digital output module
	1746-HSCE2	Multi-channel high-speed counter encoder module	5069-HSC2X0B4	High-speed counter, 2-axis, 4-point sourcing digital output module
	1746-HSTP1	1 axis stepper module	No replacement	—
	1746-N2	Empty slot filler	5069-ARM	Address reserve module
	1746-QS	Synchronized axis module	No replacement	—
	1746-QV	Open loop velocity control module	No replacement	—
	1747-SCNR	ControlNet scanner	No replacement	—
	1747-SDN	DeviceNet scanner	No replacement	—
	1746-SIM	16-point input simulator module	No replacement	—
	1747-SN	Remote I/O scanner	No replacement	—

- (1) The product may be in Active Mature, End of Life, or Discontinued state. To view the most up-to-date product lifecycle status, search for the catalog number on the [Product Lifecycle Status](#) website.
- (2) The recommended replacements that are indicated in this table are for reference only. There may be slight differences in specifications between the existing 1746 SLC I/O module and recommended 5069 Compact 5000 I/O module. Consult your local sales team for further assistance.
- (3) 1746-IB32 modules can be replaced with two 5069-IB16 modules.
- (4) 1746-OBP16 modules can be replaced with two 5069-OB8 modules.
- (5) 5069-OW16 is a DC module.
- (6) The 5069-OW16 does not come with an internal snubber, an external surge suppressor is required. For more information on selecting and adding surge suppressors, see the Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#).

## SLC I/O Installation Using a Conversion Kit

You can use a conversion system to connect the existing SLC I/O wiring to the Compact 5000 I/O modules without disturbing the field wiring connections, reducing labor time and eliminating downtime that could result from wiring mistakes during the migration. With a conversion system I/O can be swapped one rack at a time, giving you the option to run both new and old I/O networks simultaneously.

Table 5 - SLC I/O to Compact 5000 I/O Conversion System Selection

SLC I/O Module Catalog Number (To be converted)	Compact 5000 I/O Modules Catalog Number (To be used)	Conversion Module Catalog Number	Conversion Module Description
1746-IA16	5069-IA16	1492-CM1746-M01	120VAC Input Module
1746-IM16			240VAC Input Module
1746-IB16	5069-IB16		Current Sinking DC Input Module
1746-ITB16			Fast Response DC Sinking Input Module
1746-OA16	5069-OA16	1492-CM1746-M02	120/240V AC Output Module
1746-OB16	5069-OB16	1492-CM1746-M03	Current Sourcing DC Output Module
1746-OB16E			Current Sourcing DC Output Module
1746-OW16	5069-OW16	1492-CM1746-M04	AC/DC Relay Output Module
1746-N18	5069-IF8	1492-CM1746-M05	High Resolution (8) Analog Input Module
1746-NI4	5069-IY4	1492-CM1746-M06	High Resolution (4) Analog Input Module
1746-NR4		1492-CM1746-M07	SLC 500 RTD/Resistance Input Module
1746-NT4		1492-CM1746-M09	4-Channel Thermocouple/mV Input Module
1746-N04I	5069-OF4	1492-CM1746-M10	4 Point Analog Output Module (Current)
1746-N04V			4 Point Analog Output Module (Voltage)

Table 5 - SLC I/O to Compact 5000 I/O Conversion System Selection (Continued)

SLC I/O Module Catalog Number (To be converted)	Compact 5000 I/O Modules Catalog Number (To be used)	Conversion Module Catalog Number	Conversion Module Description
1746-NO8I	5069-OF8	1492-CM1746-M11	8 Point Analog Output Module (Current)
1746-NO8V			8 Point Analog Output Module (Voltage)
1746-IB32	5069-IB16 x 2	1492-CM1746-M12	Current Sinking DC Input Module
1746-OB32	5069-OB16 x 2	1492-CM1746-M13	Current Sourcing DC Output Module
1746-OB32E			Current Sourcing DC Output Module

Table 6 - SLC to Compact 5000 Chassis Conversion System Selection

SLC 500 Chassis	1492 Conversion Chassis	1792 Slots max	Chassis Length	Usable Length	Number of Compact 5000 I/O Cards max
1746-A4	1492-CH1746-4	4	235 mm (9.25 in.)	203 mm (8.00 in.)	4
1746-A7	1492-CH1746-7	7	339 mm (13.33 in.)	307 mm (12.08 in.)	9
1746-A10	1492-CH1746-10	10	454 mm (17.88 in.)	422 mm (16.63 in.)	14
1746-A13	1492-CH1746-13	13	559 mm (22.00 in.)	527 mm (20.75 in.)	19

For more information on choosing the appropriate conversion chassis and conversion system for your system, see 1746 SLC I/O to Compact 5000 I/O Conversion System Selection Guide, publication [1492-SG010](#).

For more information on installing the 1492 conversion system chassis, see 1746-to-5069 I/O Conversion System Instruction Sheet, publication [1492-IN132](#).