

Spectrum Controls/Allen-Bradley I/O Cross-Reference Guide

Spectrum Controls Catalog Number	Allen-Bradley Catalog Number	Spectrum Controls Product Name	Spectrum Controls Functionality
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1769

1769sc-IF8u	1769-IT6 1769-IR6 1769-IF4	Universal Analog In	Preferred choice for high density analog Eight selectable and configurable channels RTD, thermocouple, current, voltage and resistance
1769sc-IF4IH 1769sc-OF4IH	None None	Analog+HART (HART Protocol)	Analog and HART data acquisition in one compact module. Four channels of analog plus HART Protocol Building block of asset management system

1756

1756sc-IF8H 1756sc-OF8H	None None	Analog+HART (HART Protocol)	Analog and HART data acquisition in one module Eight channels of analog plus HART Protocol Building block of asset management system
SCX-3000	N/A	Gateway Software	Connectivity for HART to assetware
1756sc-IF8u	1756-IT6 1756-IR8 1756-IF8	Universal Analog In	Preferred choice for temperature sensing Eight selectable and configurable channels RTD, thermocouple, current, voltage and resistance Lowest price per point available
1756sc-CTR8	1756-HSC 1756-CFM	Counter/Turbine Flowmeter	Ideal for counter and turbine flowmeter applications Turbine flowmeter inputs can include scaling K factor and meter proving requirements

1746

1746sc-CTR4 1746sc-CTR8	1746-HSCE 1746-HSCE2	Counter/Turbine Flowmeter	Four or 8 channels; up to 50 KHz Square Wave DC/Flowmeter (AC) inputs
1746sc-INI4vi 1746sc-INO4vi 1746sc-INI4v 1746sc-INO4v	1746-NI4 1746-NI8 1746-NI16	High Density, Isolated Analog	Channel-to-channel isolation Voltage or current selectable
1746sc-NI8u	1746-NT4 1746-NR4 1746-NI4 1746-NI8	Universal Analog In	Supports five input types: RTD, thermocouple, current, voltage and resistance Saves rack space with 8 selectable and configurable channels
1746sc-IA8I	1746-IA4 1746-IA8	Isolated Discrete AC/DC	Channel-to-channel isolation, 8 inputs, sink or source, 100-120V
1746sc-IB8I	1746-IB4 1746-IB8	Isolated Discrete DC	Channel-to-channel isolation, sink or source, 24 Vdc
1746sc-IC8I	1746-IC16	Isolated Discrete DC In	Channel-to-channel isolation, sink or source, 48 Vdc
1746sc-IM8I	1746-IM4 1746-IM8	Isolated Discrete AC/DC	Channel-to-channel isolation, 8 inputs, sink or source, 200/240 Vdc/Vac
1746sc-OA8PI	1746-OA8 1746-OA16 1746-OX8	Isolated AC Triac Out	Isolated and fuse protected Wide operating voltage range

1771

1771sc-IFE32	1771-IFE	Analog In	32 channels—save rack space Voltage and current selectable 16 bit resolution; 16 differential
1771sc-IMI16	1771-IMI 1	Isolated AC/DC In	16 channels, channel-to-channel isolation
1771sc-OMI16	1771-OAN	Isolated Triac Out	16 channels, channel-to-channel isolation Wide operating voltage range, fuse protected



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C O N T R O L S

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