

Programmable Controller Wiring Systems

Catalog Number Explanation

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Digital Cables for Bulletin 1762, 1764, 1769 and 1794

Important: Use the following tables as a product configurator for pre-wired, and I/O module-ready cables for **Bulletins 1746, 1762, 1764, 1769, and 1794** - 40 I/O controller digital I/O cables. All combination of these fields make valid product catalog numbers. Refer to selection tables for IFM compatibility, additional cables, and ordering.

1492 – CAB 010 – A62

a

b

c

a

Digital Interface Cable

b

Standard or Build-to-Order Length Cables		
Code	Length	Description
005	0.5 m (1.64 ft)	Standard Length
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order Length
020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)	
100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)	

c

Code	Description
For use with Bulletin 1762 MicroLogix 1200 Modules	
A62, B62	Pre-wired cables for Bulletin 1762 I/O controllers
X62	I/O-ready cable for 1762-L40AWA, and -L40BWA
T62	I/O-ready cable for 1762-L40AWA, -L40BXB, and -L40BWA outputs
For use with Bulletin 1764 MicroLogix 1500 Modules	
A64, B64, C64, F64	Pre-wired cables for Bulletin 1764 I/O base units
W64	I/O-ready cable for 1762-24AWA, and -24BWA base unit inputs
T64	I/O-ready cable for 1762-24AWA, -24BWA base units outputs
U64	I/O-ready cable for 1764-28BXB base unit outputs
For use with Bulletin 1746, and 1769 Digital Modules	
A69, B69, C69, D69, E69, F69, G69, H69, J69, K69, L69, M69	Pre-wired cables for 8-, 16-, and 32-channel Bulletin 1769 digital I/O modules
RTN18	I/O-ready cable with Cat. No. 1746-RTBN18 terminal block
RTN10	I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
RTN32I	I/O-ready for 32-channel 1769-IQ32
RTN32O	I/O-ready for 32-channel 1769-OB32
For Use with Bulletin 1794 Flex I/O, Cat. Nos. 1794- TB37DS, and 1794-TB62DS base units	
A94	Pre-wired cables for Bulletin 1794 Flex digital I/O using the Bulletin 1794-TB37DS base
B94	Pre-wired cables for Bulletin 1794 Flex digital I/O using the Bulletin 1794-TB62DS base
G94	Digital I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
H94	Digital I/O ready cable for digital I/O using the Bulletin 1794 TB62DS base

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Bulletin 1769 CompactLogix Modules

Digital IFMs and Cables for Bulletin 1769 CompactLogix 32-point I/O Expansion Modules

Voltage [V]	Term. per I/O	Description	Fixed Terminal Block	Removable Terminal Block	RTB Plugs ❖	Bulletin 1769 CompactLogix I/O Module				
						1769-IQ32	1769-IQ32T	1769-OB32	1769-OB32T	1769-OV32T
			Cat. No.	Cat. No.	Cat. No.	Digital Cable Cat. No. Suffix➕				
Feed-Through										
24...120	1	Standard	1492-IFM40F	1492-RIFM40F	1492-RTB20❖	J69	H	K69	H	H
	2	Extr. Term.	1492-IFM40F-2	1492-RIFM40F-2	1492-RTB20❖	J69	H	K69	H	H
	3	Sensor	1492-IFM40F-3	—	—	J69	H			
LED Indicating										
24	1	Standard	1492-IFM40D24	1492-RIFM40D24	1492-RTB20❖	J69	H	K69	H	H
	2	Extr. Term. (output)	1492-IFM40D24-2	—	—			K69	H	H
		Extr. Term. (input)	1492-IFM40D24A-2	1492-RIFM40D24A-2	1492-RTB20❖	J69	H			
	3	Sensor	1492-IFM40D24-3	—	—	J69	H			
24	2	Extr. Term.	1492-IFM40F-F24-2	1492-RIFM40F-F24-2	1492-RTB20❖			K69	H	H
24...120	2	Extr. Term.	1492-IFM40F-F-2	—	—			K69	H	H

See footnotes on the following page.



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Bulletin 1769 CompactLogix Modules

Relay XIMs and Cables for Bulletin 1769 CompactLogix 32-point I/O Expansion Modules

Voltage [V]	Term. per I/O	Description	Fixed Terminal Block	Removable Terminal Block	RTB Plugs ❖	Bulletin 1769 CompactLogix I/O Module				
			Cat. No.	Cat. No.	Cat. No.	1769-IQ32	1769-IQ32T	1769-OB32	1769-OB32T	1769-OV32T
						Digital Cable Cat. No. Suffix +				
Relay Master (LED Indicating)§❖										
24	1	8 Relays	1492-XIM4024-8R	—	—			K69	H	
	1	16 Relays	1492-XIM4024-16R	1492-RXIM4024-16R	1492-RTB14❖			K69	H	
	1	16 Relays w/ fusing	1492-XIM4024-16RF	—	—			K69	H	
High Density Relay Master (LED Indicating) §❖										
24	1	32 relays - mechanical	1492-XIMTR4024-32R	▲ 1492-RXIMTR4024-32R	1492-RTB20❖			K69	H	
24	1	32 relays - solid-state	1492-XIMTS4024-32R	▲ 1492-RXIMTS4024-32R				K69	H	
Relay Expander (LED Indicating)§❖										
24	1	8-ch Expander	1492-XIM24-8R	1492-RXIM24-8R	1492-RTB12❖			❖	❖	
Fusible Expander										
24	2	8-ch Expander	1492-XIMF-F24-2	—	—			❖	❖	
	1	16-ch Expander	1492-XIM24-16RF	—	—			‡	‡	
Feed-Through Expander										
120	2	8-ch	1492-XIMF-2	—	—			❖	❖	

❖ To order a Pre-wired Cable, add the **Suffix No.** from the table above to the end of the **Cat. No.** below.

0.5M Cable = 1492-CAB005_

1.0M Cable = 1492-CAB010_

2.5M Cable = 1492-CAB025_

5.0M Cable = 1492-CAB050_

Custom Length Cable = 1492-CABXXX_. See Catalog Number Explanation on page 12-136 for available Custom Length Codes to replace XXX in Cat. No.

❖ Order plugs separately (two plugs per catalog number). Plugs are available in screw style and push in style terminal types. To order, replace the ❖ in the catalog number with the code for the desired terminal style. The code for screw style is **N** and the code for push in style is **P**.

▲ Requires four RTB plugs

❖ Can have up to 2 or 3 expander modules depending upon master used (total 32 outputs or less). An extender cable is provided.

‡ The 1492-XIM24-16RF is to be used with one 1492-XIM4024-16R or 1492-XIM4024-16RF master (32 pts. max.).

❖ The LED indicates the PLC output status.

§ The voltage rating is relay control/coil voltage. For relay contact ratings, refer to page 9-42.