Bulletin 1746 Digital 16-Point and 8-Point Isolated I/O Modules (Continued)❷

Description of 20-PIN IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Catalog Number 1746-…																					
			IA16	IB16	IC16	IG16	IH16	IM16	IN16	ITB16	ITV16	IV16	OA16	OB16	OB16E	OBP16	OG16	OV16	OVP16	OW16	OX8	sc-IA8I❸	sc-IB8I❸	scIC8I❸	scOAP81❸
Relay Master (LED Indicating)❺❻																									
20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R❾	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—	—	—	—	—
20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R❿	—	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—	—	—	—	—
20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—	—	—	—	—
20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—	—	—	—	—
20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—	—	—	—	—
20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—	—	—	—	—
Relay Expander (LED Indicating) ❺❻																									
Expander with eight (8) 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R✱	—	—	—	—	—	—	—	—	—	—	—	❶	❶	❶	—	—	—	—	—	—	—	—	—
Expander with eight (8)120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	❶	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Expander																									
8-ch. expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	—	❶	❶	❶	—	—	—	—	—	—	—	—	—
8-ch. expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	❶	—	—	—	—	—	—	—	—	—	—	—	—
Feed-through Expander																									
Expander with eight feed-through channels	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	—	—	❶	❶	❶	❶	—	—	—	—	—	—	—	A

❶ Can have up to 1 expandable module depending upon master used (total 16 pts or less), extender cable is provided.
❷ Cables are available in standard lengths of 0.5 m 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1492-CABLE050A** is for a 5.0 m cable, and the letter A.
❸ For information concerning this I/O module, contact Spectrum Controls (Phone: 425-641-9473) or at www.spectrumcontrols.com.
❹ This IFM is not recommended for use with PLC I/O modules that have an off-state leakage current exceeding 0.5 mA. Use a 1492-IFM20D120N or 1492-IFM20D120A-2 for inputs. Use 1492-IFM20D120-2 for outputs.
❺ The voltage rating is relay control/coil voltage. For relay contact ratings, refer to page 192.
❻ The LED indicates the PLC output status.
❼ Compatible Removable Terminal Block (RTB) plug; 1492-RTB20N (screw style terminals) or 1492-RTB20P (push-in style terminals). ORDER PLUGS SEPARATELY.
❽ Compatible Removable Terminal Block (RTB) plug; 1492-RTB10N (screw style terminals) or 1492-RTB10P (push-in style terminals). ORDER PLUGS SEPARATELY.
❾ Expandable to 16 using XIM24-8R or XIMF-24-2.
❿ Expandable to 16 using XIM120-8R or XIMF-24-2.
✱ Compatible Removable Terminal Block (RTB) plug; 1492-RTB12N (screw style terminals) or 1492-RTB12P (push-in style terminals). ORDER PLUGS SEPARATELY.

Bulletin 1746 SLC 500 IFMs and Cables, Continued

Bulletin 1746 Digital 32-Point I/O Modules ❷

Description of 40-PIN IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately	I/O Module Catalog Number 1746-…				
			IB32	IV32	OB32	OB32E	OV32
Feed-through							
Standard 132V AC/DC Max.	1492-IFM40F	1492-RIFM40F❻	H	H	H	H	H
Extra terminals132V AC/DC Max.	1492-IFM40F-2	1492-RIFM40F-2❻	H	H	H	H	H
3-wire sensor type input devices 60V AC/DC Max.	1492-IFM40F-3	—	H	H	—	—	—
LED Indicating							
Standard with 24V AC/DC LEDs	1492-IFM40D24	1490-RIFM40D24❻	H	H	H	H	H
24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	H	H	H
24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	1492-RIFM40D24A-2❻	H	H	—	—	—

Note: Footnotes are on the following page.

Bulletin 1746 Digital 32-Point I/O Modules (Continued)❷

Description of 40-PIN IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately	I/O Module Catalog Number 1746-…				
			IB32	IV32	OB32	OB32E	OV32
120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	—
120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	H	H	—	—	—
16 Individually isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—
16 Individually isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	—	—	—	—
16 Individually isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—
16 Individually isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	—	—	—	—	—
16 Individually isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	—
Fusible							
120V AC/DC with extra terminals for outputs	1492-IFM40F-F-2	—	—	—	H	H	H
Extra terminals with 24V AC/DC blown fuse LED indicators for outputs	1492-IFM40F-F24-2	1492-RIFM40F-F24-2❻	—	—	H	H	H
Extra terminals with 120V AC/DC blown fuse LED indicators for outputs	1492-IFM40F-F120-2	—	—	—	—	—	—
16 Individually isolated with extra terminals for 120V AC/DC outputs	1492-IFM40F-FS-2	—	—	—	—	—	—
16 Individually isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—
16 Individually isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—
16 Individually isolated 240V AC/DC with 4 terminals/output	1492-IFM40F-FS-4	—	—	—	—	—	—
16 Individually isolated with extra terminals and 120V AC/DC blown fuse LED indicators	1492-IFM40F-FS120-2	1492-RIFM40F-FS120-2❻	—	—	—	—	—
16 Individually isolated with 120V AC/DC blown fuse LED indicators and four terminals/output	1492-IFM40F-FS120-4	1492-RIFM40F-FS120-4❼	—	—	—	—	—
16 Individually isolated with 240V AC/DC blown fuse LED indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—
16 Individually isolated with 24V AC/DC blown fuse LED indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	—	—	—	—
16 Individually isolated 120V AC/DC with 4 terminals/input	1492-IFM40F-FSA-4	—	—	—	—	—	—
16 Individually isolated with 120V AC/DC blown fuse LED indicators and four terminals/input	1492-IFM40F-FS120A-4	1492-RIFM40F-FS120A-4❼	—	—	—	—	—
16 Individually isolated with 240V AC/DC blown fuse LED indicators and 4 terminals/input	1492-IFM40F-FS240A-4		—	—	—	—	—
Relay Master ❹❺		—					
40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	—	H	H	—
40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	1492-RXIM4024-16R❽	—	—	H	H	—
40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	H	H	—
Relay Expander (LED Indicating) ❹❺		—					
Expander with eight (8) 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R❾	—	—	❶	❶	—
Expander with sixteen (16) 24V DC relays with fusing	1492-XIM24-16RF	—	—	—	❸	❸	—
Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—
Fusible Expander (LED Indicating)		—					
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	❶	❶	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—
Feed through Expander		—					
Expander with eight feed-through channels	1492-XIMF-2	—	—	—	❶	❶	—

Note: Footnotes are on the following page.