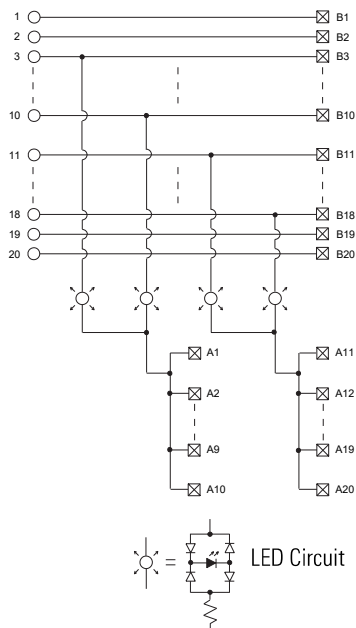


1492-IFM20D24-2

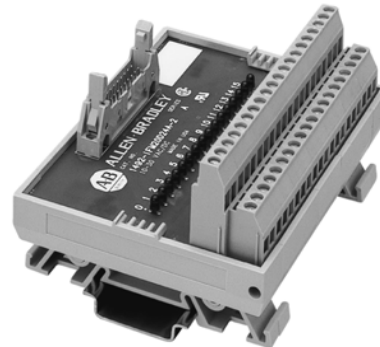
LED Indicating 24V AC/DC LEDs & Extra Terminals for Outputs

*Application Notes*

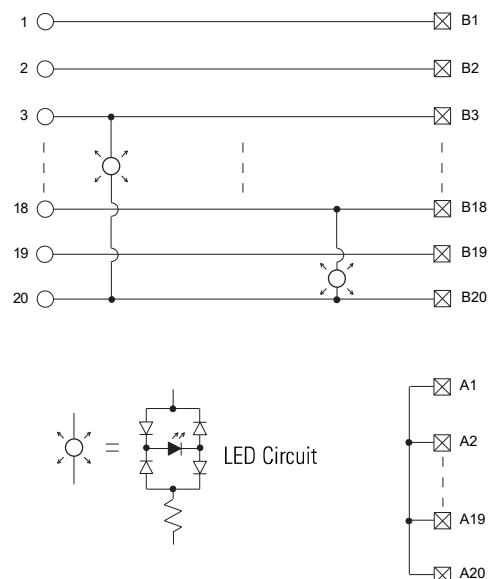
- 1. Compatibility** — To ensure proper operation with the I/O module, do **not** exceed the voltage and current ratings of the IFM. When this IFM is used with a hard contact (relay) output circuit that switches an inductive load, surge suppression must be used (e.g., a 1N4004 diode reverse-wired across a DC load).
- 2. Wiring** — Refer to the Label Section on page 181. For Field-Side Wiring Diagrams, refer to the Wiring System web site information on page 186.
- 3. Isolation** — The power bus and LEDs are isolated into two groups of 10 terminals (eight LEDs). This allows each group of output devices to reference a different power source.
- 4. Dimensions** — Refer to page 187.

Pinout**1492-IFM20D24A-2**

LED Indicating 24V AC/DC LEDs & Extra Terminals for Inputs

*Application Notes*

- 1. Compatibility** — To ensure proper operation with the I/O module, do **not** exceed the voltage and current ratings of the IFM. When this IFM is used with a hard contact (relay) output circuit that switches an inductive load, surge suppression must be used (e.g., a 1N4004 diode reverse-wired across a DC load).
- 2. Wiring** — Refer to the Label Section on page 181. For Field-Side Wiring Diagrams, refer to the Wiring System web site information on page 186.
- 3. Isolation** — The power bus comprises 20 terminals connected together. The LEDs are connected to one common. All of the I/O devices must reference the same power source.
- 4. Dimensions** — Refer to page 187.

Pinout

Quick Reference

Digital IFM Specifications

Digital IFM Catalog Number	Voltage Range	Max. Current (Per Circuit)	Max. Current (Per Module)	Dimensions (W x H x D) (in.)①	Indicator Circuit Current (Nominal)	Label Card Replacement Part Catalog Number ②
1492-IFM20F, -RIFM20F	0...264V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	—	46006-190-01, 46006-233-01
1492-IFM20FN, -RIFM20FN	0...132V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78③	—	46006-197-01, -237-01, -220-01
1492-IFM20F-2, -RIFM20F-2	0...264V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	—	46006-192-01, -235-01, -221-01
1492-IFM20F-3	0...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	—	46006-210-01
1492-IFM20D24	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	2 mA	46006-190-01, 46006-233-01
1492-IFM20D24N	10...30V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78	2 mA	46006-197-01, -237-01, -220-01
1492-IFM20D24-2	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	2 mA	46006-192-01, -235-01, -221-01
1492-IFM20D24A-2	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	2 mA	46006-211-01
1492-IFM20DS24-4	10...60V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	1.6 mA	46006-209-01
1492-IFM20D24-3	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	2 mA	46006-193-01, 46006-236-01
1492-IFM20D120	85...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	2.5 mA	46006-190-01, 46006-233-01
1492-IFM20D120N	85...132V AC	2 A	12 A	2.36 x 3.27 x 2.78	2.5 mA	46006-197-01, -237-01, -220-01
1492-IFM20D120-2	85...132V AC	2 A	12 A	4.33 x 3.27 x 2.78	2.5 mA	46006-192-01, -235-01
1492-IFM20D120A-2	85...132V AC	2 A	12 A	4.33 x 3.27 x 2.78	2.5 mA	46006-211-01
1492-IFM20DS120-4	85...132V AC	2 A	12 A	4.33 x 3.27 x 2.78	2.6 mA	46006-209-01
1492-IFM20D240-2	204...264V AC	2 A	12 A	4.33 x 3.27 x 2.78	2.5 mA	46006-192-01, -235-01
1492-IFM20D240A-2	204...264V AC	2 A	12 A	4.33 x 3.27 x 2.78	2.5 mA	46006-211-01
1492-IFM20F-F-2, -RIFM20F-F-2	0...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	—	46006-192-01, -235-01, -221-01
1492-IFM20F-F24-2, -RIFM20F-F24-2	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	2 mA	46006-192-01, -235-01, -221-01
1492-IFM20F-F24A-2, -RIFM20F-F24A-2	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	2.4 mA	46006-212-01, -189-01
1492-IFM20F-F120-2, -RIFM20F-F120-2	85...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	2.5 mA	46006-192-01, -235-01, -221-01
1492-IFM20F-F120A-2, -RIFM20F-F120A-2	85...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	1.2 mA	46006-212-01, -189-01
1492-IFM20F-F240-2	204...264V AC/DC	2 A	12 A	4.72 x 3.27 x 2.78	1.2 mA	46006-192-01, -235-01
1492-IFM20F-FS-2	0...132V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78	—	46006-204-01
1492-IFM20F-FS24-2	10...30V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78	2 mA	46006-204-01
1492-IFM20F-FS24A-4	10...30V AC/DC	2 A	12 A	3.15 x 3.27 x 2.78	2.4 mA	46006-215-01
1492-IFM20F-FS120-2	85...132V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78	2.5 mA	46006-204-01
1492-IFM20F-FS120-4	85...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	1.2 mA	46006-214-01
1492-IFM20F-FS120A-4	85...132V AC/DC	2 A	12 A	3.15 x 3.27 x 2.78	2.2 mA	46006-215-01
1492-IFM20F-FS240-4	204...264V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78	1.2 mA	46006-214-01
1492-IFM40F, -RIFM40F	0...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	—	46006-191-01, -234-01, 252-01
1492-IFM40F-2	0...132V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	—	46006-224-01, -225-01, -239-01, -240-01, -194-01, -195-01, -253-01
1492-RIFM40F-2	0...132V AC/DC	2A	12A	8.27 x 3.27 x 2.78	—	46006-224-01, -225-01, -239-01, -240-01, -194-01, -195-01, -253-01
1492-IFM40F-3	0...60V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	—	46006-193-01, 46006-236-01
1492-IFM40D24, -RIFM40D24	10...30V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78③	2 mA	46006-191-01, -234-01, -252-01
1492-IFM40D24-2	10...30V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	2 mA	46006-194-01, -195-01, -253-01
1492-IFM40D24A-2	10...30V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	2 mA	46006-224-01, -225-01, -239-01, -240-01, -194-01, -195-01, -253-01
1492-RIFM40D24A-2	10...30V AC/DC	2A	12A	8.27 x 3.27 x 2.78	2 mA	46006-224-01, -225-01, -239-01, -240-01, -194-01, -195-01, -253-01
1492-IFM40DS24-4	10...60V AC/DC	2 A	12 A	6.69 x 3.27 x 2.78	4.1 mA	46006-208-01
1492-IFM40DS24A-4	10...30V AC/DC	2 A	12 A	6.69 x 3.27 x 2.78	4.1 mA	46006-208-01
1492-IFM40D24-3	10...30V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	2 mA	46006-193-01, 46006-236-01