

Digital IFM Specifications

Digital IFM Catalog Number	Voltage Range	Max. Current (Per Circuit)	Max. Current (Per Module)	Dimensions (W x H x D) (in.)Ⓢ	Indicator Circuit Current (Nominal)	Label Card Replacement Part Catalog Number Ⓢ
1492-IFM20F, -RIFM20F	0...264V AC/DC	2 A	12 A	4.33 x 3.27 x 2.78Ⓢ	—	46006-190-01, 46006-233-01
1492-IFM20FN, -RIFM20FN	0...132V AC/DC	2 A	12 A	2.36 x 3.27 x 2.78Ⓢ	—	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 2.78Ⓢ	—	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 2.78Ⓢ	—	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 2.78Ⓢ	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 2.78Ⓢ	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 2.78Ⓢ	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 2.78Ⓢ	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 2.78Ⓢ	—	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 2.78Ⓢ	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

Digital IFM Specifications (Continued)

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-IFM40D120-2	85...132V AC	2 A	12 A	8.27 x 3.27 x 2.78	2.5 mA	46006-194-01, -195-01, -253-01
1492-IFM40D120A-2	85...132V AC	2 A	12 A	8.27 x 3.27 x 2.78	2.5 mA	46006-194-01, -195-01, -253-01
1492-IFM40DS120-4	85...132V AC	2 A	12 A	6.69 x 3.27 x 2.78	2.6 mA	46006-208-01
1492-IFM40DS120A-4	85...132V AC	2 A	12 A	6.69 x 3.27 x 2.78	2.6 mA	46006-208-01
1492-IFM40DS240A-4	204...264V AC	2 A	12 A	6.69 x 3.27 x 2.78	2.6 mA	46006-208-01
1492-IFM40F-F-2	0...132V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	—	46006-194-01, -195-01, -253-01
1492-IFM40F-F24-2	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
1492-RIFM40F-F24-2	10...30V AC/DC	2 A	12A	8.27 x 3.27 x 2.78	2 mA	46006-224-01, -225-01, -239-01, -240-01, -194-01, -195-01
1492-IFM40F-F24D-2	10...30V DC	2 A	8 A	4.72 x 3.27 x 2.78	<0.05 mA	46006-201-01
1492-IFM40F-F24AD-4	10...30V DC	2 A	8 A	7.09 x 3.27 x 2.78	<0.05 mA	46006-206-01
1492-IFM40F-F120-2	85...132V AC/DC	2 A	12 A	8.27 x 3.27 x 2.78	2.5 mA	46006-194-01, -195-01, -253-01
1492-IFM40F-FS-2	0...132V AC/DC	2 A	12 A	4.72 x 3.27 x 2.78	—	46006-201-01
1492-IFM40F-FS24-2	10...30V AC/DC	2 A	12 A	4.72 x 3.27 x 2.78	2 mA	46006-201-01
1492-IFM40F-FS24-4	10...30V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	2.4 mA	46006-207-01
1492-IFM40F-FS120-2, -RIFM40F-FS120-2	85...132V AC/DC	2 A	12 A	4.72 x 3.27 x 2.78	2.5 mA ^③	46006-201-01
1492-IFM40F-FS120-4	85...132V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	1.4 mA	46006-206-01
1492-RIFM40F-FS120-4	85...30V AC/DC	2A	12A	7.09 x 3.27 x 2.78	1.4 mA	46006-226-01
1492-IFM40F-FS240-4	204...264V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	2.4 mA	46006-207-01
1492-IFM40F-FS24A-4	10...30V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	3.1 mA	46006-226-01
1492-IFM40F-FS120A-4	85...132V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	1.4 mA	46006-226-01
1492-RIFM40F-FS120A-4	85...30V AC/DC	2A	12A	7.09 x 3.27 x 2.78	1.4 mA	46006-226-01
1492-IFM40F-FS-4	0...264V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	—	46006-207-01
1492-IFM40F-FSA-4	0...132V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	—	46006-226-01
1492-IFM40F-FS240A-4	159...265V AC/DC	2 A	12 A	7.09 x 3.27 x 2.78	1.4 mA	46006-226-01

① Dimensions are in inches. To convert to millimeters, multiply inches by 25.4.

② Ships with each module. For spare part, precede part number with the letter "W."

③ Add 0.39 in. to the width dimension for Bul. 1492Rxxx module.

General Wiring System Specifications

Parameter	Specifications
Agency Certifications: Modules and Cables	cULus: Hazardous Locations; Class I Div 2 (all modules, except those with relays); Groups A, B, C, and D. Temperature Code T3C @ 60°C. UL File E10314, Guide No. NRAG
Agency Certification Modules	cULus: Ordinary Locations; Module with relays, UL File E113724, Guide No. NRAQ
CE Certifications	Compliant for all applicable directives
Maximum Peak Transient Voltage	600V ^①
Terminal Block Wire Range (Rated Cross Section)	Fixed Screw Style: #12...#22 AWG (4.0...0.2 mm ²) Removable Screw Style: #12 to #22 AWG 2.5...0.5 mm ²) Removable Push-in Style: #12 to #26 AWG (2.5...0.2mm ²)
Wire Strip Length	Fixed Screw Style: .32 in. (8.0 mm) Removable Screw Style: .28 in. (7.0 mm) Removable Push-in Style: .39 in. (10.0 mm)
Recommended Terminal Block Screw Torque	Fixed Screw Style: 3.5...4.5 lb-in. (0.38...0.50 Nm) Removable Screw Style: 3.5...4.5 lb-in. (0.38...0.50 Nm) Removable Push-in Style: NA (See Figure 1)
Operating Temperature Range	0...+60°C
Operating Humidity	5% to 95% non-condensing
Storage Temperature Cables	-20...+80°C
Storage Temperature Modules	-40...+85°C
Pollution Degree	2 ^②

① For transients > 600V use a UL Recognized suppression device rated at 2.5 kV withstand.

② Pollution Degree 2 is an environment where normally only non-conduction pollution occurs, except for occasional temporary conductivity caused by condensation shall be expected.