

Analog IFM Specifications

Analog IFM Catalog Number	Voltage Range	Max. Current (Per Circuit)	Max. Current (Per Module)	Dimensions (W x H x D) (in.) ❶	Indicator Circuit Current (Nominal)	Label Card Replacement Part Catalog Number ❷
1492-AIFM4-3, -RAIFM4-3	0...10V DC	2 A	12 A	2.36 x 3.27 x 2.74	—	46006-205-01
1492-AIFM4C-F-5	10...30V DC	2 A	12 A	3.15 x 3.27 x 2.74	2 mA	46006-203-01
1492-AIFM4I-F-5	10...30V DC	2 A	12 A	3.15 x 3.27 x 2.74	2 mA	46006-203-01
1492-AIFM6S-3, -RAIFM6S-3	0...132V AC/DC	2 A	12 A	3.15 x 3.27 x 2.74	—	46006-202-01
1492-AIFM6TC-3	0...132V AC/DC	2 A	12 A	3.15 x 3.27 x 2.74	—	46006-202-01
1492-AIFMCE4	5...30V DC	2 A	8 A	5.12 x 3.27 x 2.74	—	46006-232-01
1492-AIFMCE4-F	5...30V DC	2 A	8 A	5.12 x 3.27 x 2.74	1 mA @ 5V DC 6 mA @ 24V DC	46006-232-01
1492-AIFM8-3, -RAIFM8-3	0...132V AC/DC	2 A	12 A	4.33 x 3.27 x 2.74	—	46006-200-01, 46006-238-01
1492-AIFM8-F-5	10...30V DC	2 A	12 A	4.72 x 3.27 x 2.74	2 mA	46006-196-01, -254-01
1492-AIFM16-F-3	10...30V DC	2 A	12 A	4.72 x 3.27 x 2.74	2 mA	46006-213-01
1492-AIFM16-F-5	10...30V DC	2 A	12 A	8.27 x 3.27 x 2.74	2 mA	46006-198-01
1492-AIFMQS	10...30V DC	3 A	12 A	4.72 x 3.27 x 2.74	—	46006-199-01
1492-AIFMPI	0...30V DC	2 A	12 A	4.72 x 3.27 x 2.74	2 mA	46006-243-01

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

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

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. NRAQ
	cULus: Ordinary Locations; Module with relays, UL File E113724, Guide No. NRAQ
Agency Certification Modules	Factory Mutual (FM): Hazardous Locations; Class I Div 2 (all except modules with relays); Groups A, B, C, and D. Temperature Rating: T3C @ 60°C. FM file J.I.3000590
CE Certifications	Compliant for all applicable directives
Maximum Peak Transient Voltage	600V ❶
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...0.2 mm 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 ❷

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

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