

# Electromagnetic Compatibility

Model: AI-FR Series

The immunity and emissions characteristics of this product was assessed according to and are in compliance with the harmonized standards:

EN 55022:2006 + A1:2007, Class A, Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment

EN 55024:1998 + A1:2001 + A2:2003, Information Technology Equipment — Immunity Characteristics — Limits and Methods of Measurement

Electromagnetic Compatibility			
Standard	Test Method	Description	Test Levels
EN 55024	EN 61000-4-2	Electrostatic Discharge	±4 kV Contact, ±8 kV Air
EN 55024	EN 61000-4-3	Radiated Immunity	10 V/m, 80 MHz to 1 GHz
EN 55024	EN 61000-4-4	Fast Transient Burst	1 kV Data Cables, 2 kV Power Cables
EN 55024	EN 61000-4-5	Voltage Surge	1 kV Data Cables, 2 kV Power Cables
EN 55024	EN 61000-4-6	Conducted Immunity	0.15–80 MHz at 10 V, 1 kHz, 80%
EN 55024	EN 61000-4-11	Voltage Dips & Interruptions	Full Line Cycle
EN 55022	CISPR 22	Conducted Emissions	Class A
EN 55022	CISPR 22	Radiated Emissions	Class A
CFR 47, Part 15	ANSI C63.4	Radiated Emissions	Class A

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