

## Certifications And Compliances

**Safety:** IEC 1010-1, EN 61010-1: Safety requirements for electrical equipment for measurement, control, and laboratory use, Part 1.

IP66 enclosure rating (face only), IEC 529.

Type 4X enclosure rating (face only), UL50.

**Electromagnetic Compatibility:** Emissions and immunity to EN 61326: Electrical equipment for measurement, control, and laboratory use, Part 1.

Immunity to industrial locations:

Electrostatic discharge	EN 61000-4-2	Criterion A
		4 kV contact xchrg, 8 kV air xchrg
Electromagnetic RF fields	EN 61000-4-3	Criterion B
		10 V/m
Fast transients (burst)	EN 61000-4-4	Criterion B
		2 kV power, 2 kv signal
Surge	EN 61000-4-5	Criterion A
		1 kV L-L, 2 kV L&N-E power
RF conducted interference	EN 61000-4-6	Criterion B
		3 V/rms

Emissions:

Emissions	EN 55011	Class A
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**Notes:** Criterion A (normal operation within specified limits), Criterion B (temporary loss of performance from which the unit self recovers).

## Construction

Steel rear metal enclosure with NEMA 4X/IP66 aluminum front plate when correctly fitted with the provided gasket. Installation Category II, Pollution Degree 2.

## Mounting Requirements

Maximum panel thickness is 0.25 inch (6.3 mm). For NEMA 4X / IP66 sealing, a steel panel with a minimum thickness of 0.125 inch (3.17 mm) is recommended.

**Maximum Mounting Stud Torque:** 17 inch-pounds (1.92 N-m).