

ISIMET E-Series Enclosures

Product Description

The E-Series Enclosures are pre-assembled and wired intended for use with the *ISIMET* Utility Controller. Each contact point utilizes a master relay to control electrical outlets in the science classroom.

Enclosure Specifications

The NEMA 1 enclosure may be either surface or flush mounted. Gray Powder Coat is available in surface mount only and provided with screw cover panel. Latch for White Powder Coat or Stainless hinged doors may be specified as Screw Driver Latch, Keyed Lock, or Hand Knob.

The enclosure is available in gray powder coat, or GPC with WPC door, or GPC with brushed stainless door.

Series 1 and 4 Enclosures (WPC or SS W/Gray PC Enclosure with Hinged Door)

Contacts are assembled using a 16X14X6 or 18X18X6 enclosure and when specified as flush mount are provided with the *ISIMET* Trim Kit for installations in finished/occupied areas. Flush Trim adds 3.5 inches to both Height and Width Wall Surface dimensions.

Lighting Contactor Specification

Lighting Contacts (Standard Units) - Square D 8903 LX Series 4-12 circuit latching relay.

Maximum operating temperature for the contact is 160° F / 71° C.

All Contacts have an A600 NEMA Rating.

Average operating time in milliseconds: 15 pick-up; 16 drop-out.

Note: Contactors may be utilized for 277-vac lighting circuits.

24V Control Relays

E-Series enclosures utilize a 24V relay to activate the lighting contactor and may be ordered with multiple relays to control exhaust fans, fume hoods and auxiliary circuits.

Custom Assemblies

Contact a factory representative for custom assemblies

Enclosure Dimensions

Enclosure Style	Series 3 12 Circuit Max	Series 1 & 4 12 Circuit Max	Series 3 12-24 Circuits	Series 1 & 4 12-24 Circuits
Height	16	16	18	18
Width	14	14	18	18
Depth	2	6	4	6

Series 3 units - Screw Cover Panel

Series 1 & 4 units - Hinged Door

Series 3 units are Surface Mount only.