

# SYE Enclosures

**Intended Use**

Provides housing and electrical support for the relay power modules, dimmer power modules and system controller in a Synergy® lighting control application.

**System Features**

Synergy system enclosures are shipped from factory stock in three sizes, accommodating either two, four or six power modules. The enclosures are fabricated from cold rolled steel, are designed for surface wall

mounting and carry a NEMA 1 electrical rating.

An optional recessed mounting kit permits the enclosure to be flush-mounted in a 6" thick wall.

All enclosures are shipped with a factory-installed power supply with input terminals provided for either 120V, 240V or 277V supply voltage. Enclosures intended for use with dimmer modules are supplied with an internal thermostatically controlled cooling fan and a cover with

hinged locking door to cover the power module mounted circuit breakers.

A variety of main lug, neutral bar and main breaker options are available to configure Synergy as a busse three-phase or single-phase dimming/switching panel.

**Listings**

UL Listed to U.S. and Canadian safety standards.



Example: SYEM 120/277

**ORDERING INFORMATION**

**Series**

- SYES Small enclosure; two power module spaces. No circuit breaker door.
- SYEM Medium enclosure; four power module spaces. No circuit breaker door.
- SYEL Large enclosure; six power module spaces. No circuit breaker door.
- SYESB Small enclosure; two power module spaces. Provision for circuit breakers.<sup>1</sup>
- SYEMB Medium enclosure; four power module spaces. Provision for circuit breakers.
- SYELB Large enclosure; six power module spaces. Provision for circuit breakers.

**Voltage**

120/277 120/230/277V, 50Hz or 60Hz operation

**ADDITIONAL INFORMATION**

For additional product information, [www.synergylightingcontrols.com](http://www.synergylightingcontrols.com).

**ACCESSORIES**  
ORDER SEPARATELY

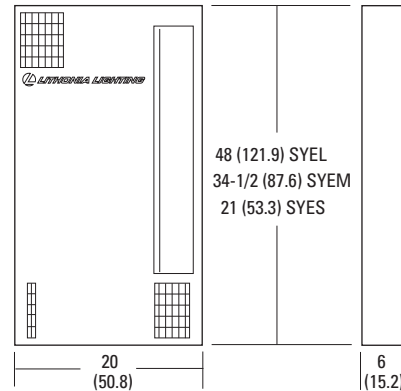
SYA SRE	Recess kit for small enclosures
SYA MRE	Recess kit for medium enclosures
SYA LRE	Recess kit for large enclosures
SYPMB NBAR	Neutral bar assembly. Requires one module space (see page 753).
SYPMB MB_NBAR	Main breaker assembly with neutral bar, 3-pole. Specify capacity in amps (30, 40, 50, 60, 70, 80, 90, 100). Requires one module space (see page 753).
SYPMB ML	Main lug assembly, 3 position. Requires SYPMB MN (see page 753).
SYPMB MB_ML	Main breaker assembly with main lug. Specify capacity in amps (30, 40, 50, 60, 70, 80, 90, 100). Requires one module space (see page 753).

**SHIPPING WEIGHT**

Small enclosure	30 lbs. (14 kg)
Medium enclosure	40 lbs. (18 kg)
Large enclosure	50 lbs. (23 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Add 1-1/2 (3.8) to height and width for recessed version.



**Notes**

1 Maximum one dimmer module.