

TYPE _____ · DATE _____ · PROJECT _____

OLY

Sage Olympus — Local Circuit Monitor

Local Circuit Monitor

up to 9 (option 41) circuits · 12 V signal

SUGGESTED SPECIFICATION

Supply and install Sage Olympus local circuit-monitoring panels capable of monitoring up to nine (9) branch circuits of normally-on or general lighting operating at 120/277 VAC, or up to four (4) circuits at 480 VAC. Upon failure or opening of any monitored circuit breaker, the Olympus shall signal a Sage central-battery system to immediately activate emergency lighting in the area normally illuminated by the monitored circuit. Where monitored circuits span multiple panelboard locations, up to four (4) Olympus panels may connect to one central battery to monitor up to 36 circuits at 120/277 VAC. Where circuits share a single or nearby panelboard, a Master with up to two (2) Remote panels shall monitor up to 25 circuits — or up to 41 with the R4 option — over a single 12 V signal connection to the central battery.

ELECTRICAL SPECIFICATIONS

Branch-circuit monitor for central-battery emergency lighting — it works with the central battery and supplies no power itself. Universal 120/277 VAC input (480 VAC option, 4 circuits). Up to nine solid-state sensing switches, UL Recognized, rated continuous duty; maximum 5 W power consumption. Output to the central battery is a normally-ON 12 VDC signal over #18–22 AWG NEC Class 2 wiring — runs of 1,000 ft and more are typical, and connections are not polarity-sensitive. NEMA Type 1 / UL 50 steel enclosure, surface (wall) mount.

TYPE SPECIFICATIONS

Type	Monitored circuits	Signal output	Panel H x W x D (in)
OLY-M (Master)	9 @ 120/277 (4 @ 480)	to the CB · feeds up to 2 remotes (R4: 4)	10 x 10 x 4
OLY-R (Remote)	8 @ 120/277	to its master	10 x 10 x 4

Master + 2 remotes = up to 25 circuits on one 12 V connection; with R4 (4 remotes), up to 41.
480 VAC input option: 4 circuits, with output for 2 remotes of 4 circuits each.

PRODUCT DATA · INPUT

AC Input	120 / 277 VAC (opt. 480)
Signal Output	12 VDC, normally ON
Monitored Circuits	9 (Master) · 8 (Remote)
Power Consumption	≤ 5 W
Signal Wiring	#18–22 AWG · 1,000 ft +
Inputs per Central Battery	up to 4 panels (36 ckts)

FEATURES

- Enables NFPA 101 §7.9.2.3 — emergency lighting activates on utility failure, breaker or fuse opening, or accidental switch opening
- Instant activation — the normally-ON 12 V signal drops on any monitored-circuit failure; the central battery responds immediately
- Scales building-wide — up to 4 panels per central battery (36 circuits), or Master + Remotes to 41 circuits on one signal pair
- Solid-state sensing switches — UL Recognized, continuous duty; jumper-selectable per circuit
- Green signal LED confirms the 12 V output at a glance

ORDERING INFORMATION

Series	OLY
Type	M Master (9 circuits, output for 2 remotes) · R Remote (8 circuits)
AC Volts	120 · 277
Options	LOK key lock · R4 master output for 4 remotes · 480 = 480 VAC input (4 circuits, output for 2 remotes of 4 each)

Ordering Example: OLY-M-R4

UL CONDITIONS OF ACCEPTABILITY

Sensing switches are UL Recognized, rated for continuous duty. Enables compliance with NFPA 101 (2009) §7.9.2.3 when installed with Sage central-battery systems. NEMA Type 1 / UL 50 steel enclosure. Designed and made in the USA.

NOTE: The Olympus is a circuit monitor — it works with the Sage central battery and supplies no power itself.

NOTE: Either 120 VAC or 277 VAC may be monitored on one panel — never both on the same panel.

“Engineered for the spaces it protects.”