

· TYPE _____ · DATE _____ · PROJECT _____

QTZ

Sage Quartz — Recessed Edge-Lit Aluminum Exit Sign

Recessed Edge-Lit Aluminum Exit Sign

single / double face · Red / Green · AC or battery backup

SUGGESTED SPECIFICATION

Install Sage Quartz recessed edge-lit LED exit signs with ultra bright, energy efficient, long life red or green LEDs behind a UV-stabilized ultra-clear acrylic edge-lit panel, double face signs with a factory-installed silver or white mylar background panel, in a premium-grade extruded aluminum housing with an extruded aluminum trim assembly that detaches from below for service, white, black or aluminum trim, with self-adhesive chevron appliques and a guide template. Signs shall recess into drywall or drop ceilings on the included bar hangers; a wall mount shall be available. Signs shall operate on 120 or 277 VAC, AC only or with battery backup: battery backup signs shall carry a 4.8 V maintenance-free rechargeable NiCd battery, an internal solid-state transfer switch for at least 90 minutes of emergency illumination, a fully automatic two-rate charger that recharges a discharged battery in 24 hours, and a charge-rate and power-on indicator with a push-to-test switch. Dual circuit operation shall be available on AC-only signs and self-diagnostics on battery backup signs. Signs shall meet UL 924, NFPA 101, NEC, OSHA and local and state codes, be UL Listed for damp locations, and be certified to CEC under Title 20.

ELECTRICAL SPECIFICATIONS

Dual 120/277 VAC: 3.6 W and 0.030 A at 120 V, 4.0 W and 0.020 A at 277 V for the AC-only, battery backup, self-diagnostic and dual circuit versions (208 / 220 / 240 V versions as published). Battery backup (EM): 4.8 V maintenance-free rechargeable NiCd battery; internal solid-state transfer switch, minimum 90-minute emergency illumination; fully automatic solid-state two-rate charger, 24-hour recharge.

INPUT BY CONFIGURATION

Configuration	W at 120 V	W at 277 V	A at 120 V	A at 277 V
AC only, or EM battery backup	3.6	4.0	0.030	0.020
With self-diagnostics or dual circuit	4.0	4.0	0.030	0.020

208 / 220 / 240 V versions as published: 4.01 / 4.07 / 4.21 W and 0.023 / 0.022 / 0.021 A.

PRODUCT DATA · INPUT

Input	120 / 277 VAC
Operation	AC only · EM battery backup
Battery (EM)	4.8 V NiCd, maintenance-free, rechargeable
Emergency runtime (EM)	minimum 90 minutes
Recharge	24 hours, two-rate charger
Letters	Red · Green
Faces	1 single · 2 double

FEATURES

- Ultra bright, energy efficient, long life Red or Green LEDs; UV-stabilized ultra-clear acrylic edge-lit panel; double face with a silver or white mylar background panel
- Premium-grade extruded aluminum housing; extruded aluminum trim assembly detaches from below for service; white, black or aluminum trim
- Recessed in drywall or drop ceilings on the included bar hangers; optional wall mount (WM)
- AC only, or battery backup (EM) with a 4.8 V NiCd battery, solid-state transfer switch for at least 90 minutes and a two-rate charger, 24-hour recharge
- Charge-rate and power-on indicator with a push-to-test switch; options: dual circuit (AC only), self-diagnostics (EM)
- Meets UL 924, NFPA 101, NEC and OSHA; UL Listed for damp locations; CEC Title 20

TEMPERATURE

Operating Temperature 0 to 50 °C (UL damp location)

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ORDERING INFORMATION

Faces	1 single · 2 double
Letter Color	R Red · G Green
Panel	C Clear (single face only) · M Mirror · W White
Trim Plate	W White · B Black · A Aluminum
Battery	(blank) AC only · EM battery backup
Options	WM wall mount · 2C-120 dual circuit, 120 V input (AC only) · 2C-277 dual circuit, 277 V input (AC only) · SDT self-diagnostics (EM only)

Ordering Example: QTZ-1-R-C-W-EM

UL CONDITIONS OF ACCEPTABILITY

Meets UL 924, NFPA 101 Life Safety Code, NEC, OSHA, and local and state codes. UL Listed for damp locations (0 to 50 °C). Certified to CEC under Title 20 regulations.

NOTE: Custom wording and special voltage versions are available; check with your Sage representative.

NOTE: Five-year warranty on all electronics and housing; battery prorated for five years.

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