

TYPE _____ · DATE _____ · PROJECT _____

JAS

Sage Jasper — Swing-Face Edge-Lit LED Exit Sign with Hang-Straight Hinge

Swing-Face Edge-Lit LED Exit Sign

single / double face · Red / Green · AC or DC

SUGGESTED SPECIFICATION

Install Sage Jasper swing-face edge-lit LED exit signs, available as unit equipment or as a remote device connected to a central battery power source. The lamp housing and canopy shall be of extruded aluminum; graphic lenses shall be optical-grade acrylic with diamond-polished edges, custom graphics and directional arrows, and ultra-high-output LEDs producing up to 5 candela in red or green. The edge-lit panel shall hang on a hang-straight hinge with 180° maximum swing, field-adjustable for wall or ceiling mount with no exposed hardware. The power supply and charger shall be an isolated digital type with regulated current and voltage output to the lamp load and batteries (emergency models); AC supply shall be universal 120/277 VAC input via two-wire feed, with 24 VDC input for remote configurations. An advanced microprocessor shall monitor all charger functions and battery condition continuously, with software to automatically perform all tests and visual indications required by UL Standard 924 and NFPA 101. Emergency models shall provide at least 90 minutes of emergency operation.

ELECTRICAL SPECIFICATIONS

AC operation: universal 120/277 VAC — battery backup (BB) or AC-only (NB). The microprocessor monitors all charger functions and battery condition continuously, performing the tests and visual indications required by UL 924 and NFPA 101; low-voltage disconnect prevents deep battery discharge; the power supply is surge and spike protected. Optional NiCad battery pack — the complete power-supply module is sealed within a plastic enclosure, with plug-connector AC and DC wiring. Remote operation: 24 VDC input, connected to a central battery system (REC) or master remote system (REM); REP models take DC power from a power supply or PoE system, with 48 or 60 VDC inputs available. Emergency operation at least 90 minutes. Exit signs carry letter color (Red or Green), not color temperature.

SELF-TEST DIAGNOSTIC FUNCTIONS

Status	LED Display
NORMAL MODE	OFF
FAILED LAMP	GREEN
FAILED CHARGER	RED
FAILED TRANSFER	ORANGE
FAILED BATTERY	RED FLASH
FAILED ANNUAL TEST	ORANGE FLASH

Microprocessor test schedule: continuous monitoring with 1-second sampling (lamp and battery connections) · every 28 days (transfer-switch function; battery discharge rate under full load) · every 12 months (full 90-minute emergency-operation test with test/fail and manual report signal). Charge / test / status indicators at the housing top face (BB models).

PRODUCT DATA · INPUT

Operation BB · NB · REC · REP · REM
AC Input 120 / 277 VAC universal
DC Input 24 VDC remote · 48 / 60 VDC (REP models)
Battery (BB) optional NiCad pack — module sealed in plastic enclosure
LEDs ultra-high output · up to 5 candela · Red or Green
Protection low-voltage disconnect · surge / spike protected

FEATURES

- Edge-lit diamond-polished acrylic panel on a hang-straight hinge — 180° maximum swing
- Field-adjustable wall or ceiling mount (TW universal); no exposed hardware
- Extruded-aluminum LED lamp housing on a form-fitting solid-aluminum canopy
- Standard finishes satin white enamel and brushed aluminum; optional custom paint or anodized finishes (satin bronze, polished gold, mirror silver)
- Ultra-high-output LEDs — up to 5 candela in red or green; custom graphics and directional arrows (CX)
- Microprocessor monitors all charger functions and battery condition continuously — automatic UL 924 / NFPA 101 tests and visual indications

TEMPERATURE

Operating Temperature

0 to 50 °C

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ORDERING INFORMATION

Operation	BB Battery Backup · NB No Battery (AC Only) · REC Remote w/ Central Battery System · REP Remote DC Power from Power Supply or POE System · REM Remote with Master Remote System
No. of Faces	1 Single · 2 Double
Letter Color	R Red · G Green
Background Color	C Clear · M Mirror · W White · K Black · X Custom
Trim Finish	W White · K Black · A Alum · B Satin Bronze · X Custom
Arrow Direction	NA No Arrow · AB Arrow Both · AR Arrow Right (single face) · AL Arrow Left (single face) · LR Single Arrow Each Side (double face) · CX Custom Graphics
Mount	TW Universal (Top or Wall)
Options	DG Auto Battery Diagnostics · DP Damp Location · DAC120 Dual AC Input (120 VAC) · DAC277 Dual AC Input (277 VAC) · 48 / 60 = REP input VDC

Ordering Example: JASBB-1RCB-NA-TW-DG

UL CONDITIONS OF ACCEPTABILITY

Manufactured and tested to UL Standard 924 and NFPA Life Safety Code 101. cETLus Listed (Intertek) · damp location · BABA / BAA.

NOTE: AR /AL = single face · LR = double face · 48 /60 = REP models only.

NOTE: Pre-install a 4" x 4" x 2 1/4" deep J-box with 1 1/2" extension ring for BB and NB models.

NOTE: Remote configurations operate on 24 VDC, connected to a central battery system or master remote system; REP models accept power-supply /PoE DC, with 48 or 60 VDC inputs available.

NOTE: Five-year total customer satisfaction warranty.

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