

OVERALL CHARACTERISTICS

When used with an emergency power source (i.e. Chloride Synthesis Series UPS, generator) the LightSTAR allows independent control (Occupancy Sensor, Photocell, Wall Switch, etc.) of luminaires during normal power conditions

The LightSTAR will automatically override control of selected luminaires and insure their illumination in the event of a power failure

The LightStar is capable of switching two separate 20 amp circuits at 120VAC/277VAC, or one 2 pole 20 amp circuit at 208VAC/240VAC

APPLICATION

Conference Rooms

Classrooms

Auditoriums

Exterior Egress

Any switchable luminaire that supplies emergency illumination for life safety

HOUSING

Enclosure constructed of 3-gang masonry box fabricated from 16 gauge galvanized steel

Acid resistant, off-white powder coat finish

Faceplate made of 18 gauge galvanized steel

Pre-wired, color coded leads are routed through the attached 6' flexible conduit facilitating recessed drywall installation

LightSTAR

Light Switch Transfer Automatic Relay

ELECTRONICS

60.0 Hz - 120V/277V

The green "Utility" indicator light is illuminated when the lighting loads are controlled by their normal mode switching device

The red "Emergency" indicator light is illuminated when the normal mode switching device is disabled and the lighting loads are in emergency mode

FEATURES

Dual Circuit Configuration for 120V/277V Loads

20 Amp Load Capacity

Pre-wired, Color Coded Leads

NEMA 1 Enclosure

Status Indicator Lights

Test Switch

ETL Listed to UL 924 Standards

HID, Fluorescent and Incandescent Lamp Capability

Universal, Voltage Sensing Circuitry (Operated at 120V/277V,60Hz)



SHOWN: LIGHTSTAR

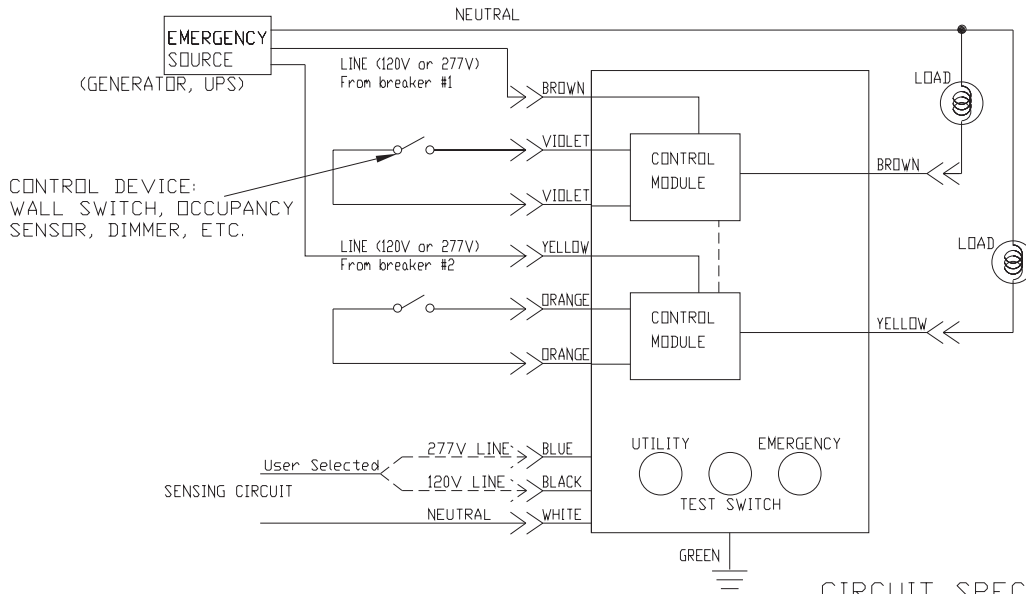
ORDERING INFORMATION

LIGHTSTAR

SERIES

LightSTAR = Chloride Light Switch Transfer Automatic Relay

SYSTEM ONE-LINE DIAGRAM



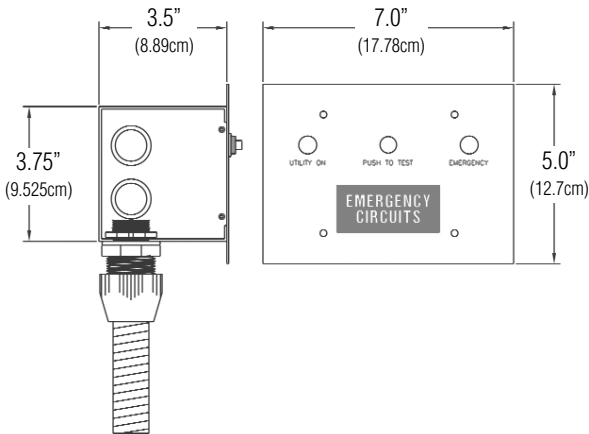
CIRCUIT SPECIFICATIONS:

VOLTAGE RATING:

Sensing circuit: 120Vac or 277Vac

Load: Up to 277Vac; 20A Per Pole

DIMENSIONS



WARRANTY

Warranted against defects in material and workmanship for a period of one year from date of shipment

SUGGESTED SPECIFICATION

Furnish and install Chloride's Light Switch Transfer Automatic Relay known as LightSTAR.

Emergency egress lighting shall be provided by normal lighting loads equipped with the Light Switch Transfer Automatic Relay (LightSTAR) and supplied by an uninterruptible power supply, interruptible power supply or a generator. The LightSTAR shall by-pass the connected switching means and energize the associated loads upon loss of utility power. The LightSTAR shall be composed of a utility indicator light, an emergency indicator light, a momentary test switch, a relay switching circuit and a utility sensing circuit that operates at 120V/277V, 60Hz. The LightSTAR shall switch two separate single pole lighting loads up to 20 amps at 120V/277V or one double pole lighting load up to 20 amps at 208V/240V. The LightSTAR shall be ETL listed to the UL 924 standards for emergency lighting.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



CHLORIDE
SYSTEMS

272 West Stag Park Service Road • Burgaw, NC 28425
(910) 259-1000 • FAX (800) 258-8803
www.chloridesys.com

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