Low Voltage Switching Device
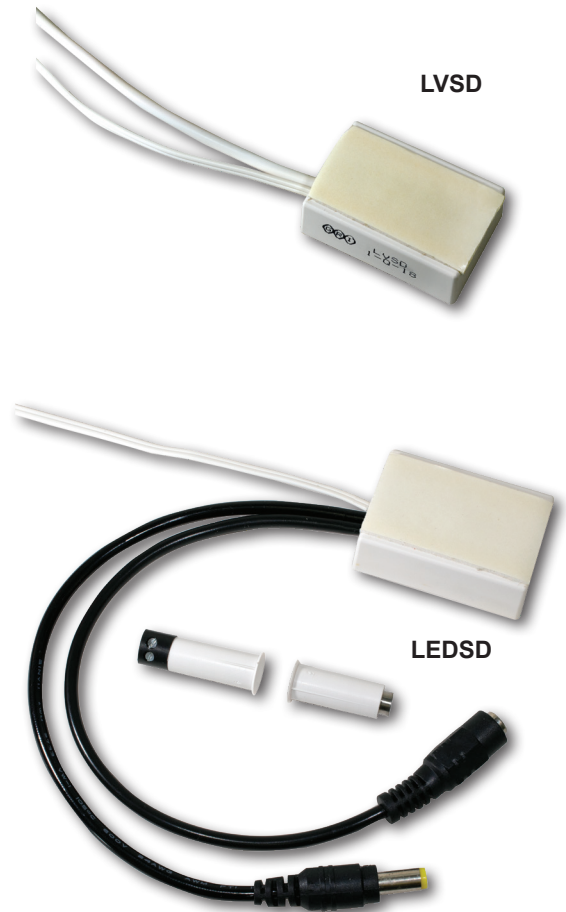
WWW.GRISK.COM

GRI

LVSD / LEDSD

- ◆ 2 Amps switching
- ◆ Light gauge wire uses
- ◆ Designed for appliance control
- ◆ Used in environmental control and lighting systems
- ◆ Controlled with low voltage applications
- ◆ Custom programming options available

LVSD

LEDSD

The GRI Low Voltage Switching Device (LVSD) is a 2 Amp 12/24 VDC controller with connecting wires for connecting to a DC Power Source, a DC Load and a Dry Contact Switch. This GRI Controller is designed to switch up to 2 Amps of DC power with a C form relay that will power devices such as small motors, relays, fans, sirens, strobes and LED lights, and capable of switching from long distances using small gauge wire and most any proximity switch or dry contact device. *Open loop switch required, not included.* GRI has a complete line of open loop switches to meet your applications.

The GRI LED Switch Device (LEDSD) is a 2 Amp 12/24 VDC controller with 2.1 mm x 5.5 mm connectors for use with LED Lighting (rope, strip, track and more). Ideal for cabinets and display cases, CCTV cameras, closets, pantries, etc. Includes 3030-T. Open loop switch required.

Specifications

Max. Input Voltage	28 VDC
Min. Input Voltage	9 VDC
Max. Output Current	2A at 30V
Max. Output Power	60 W
Max. Current Consumption	65 mA
Switch Input	Open Loop
Max. Switch Distance	200 ft.
LED Green Flash	Turning On
LED Red Flash	Turning Off

Part Numbers

LVSD	**Low Voltage Switching Device**
LEDSD	**LED Lighting Switching Device**

WARRANTY: One year warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
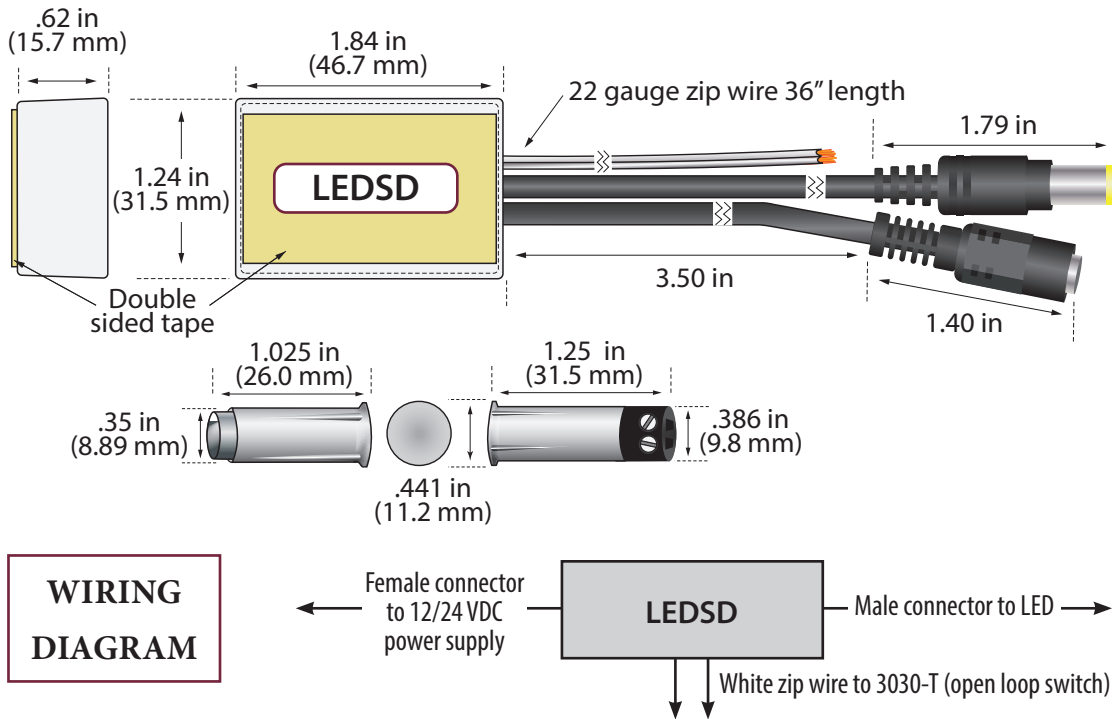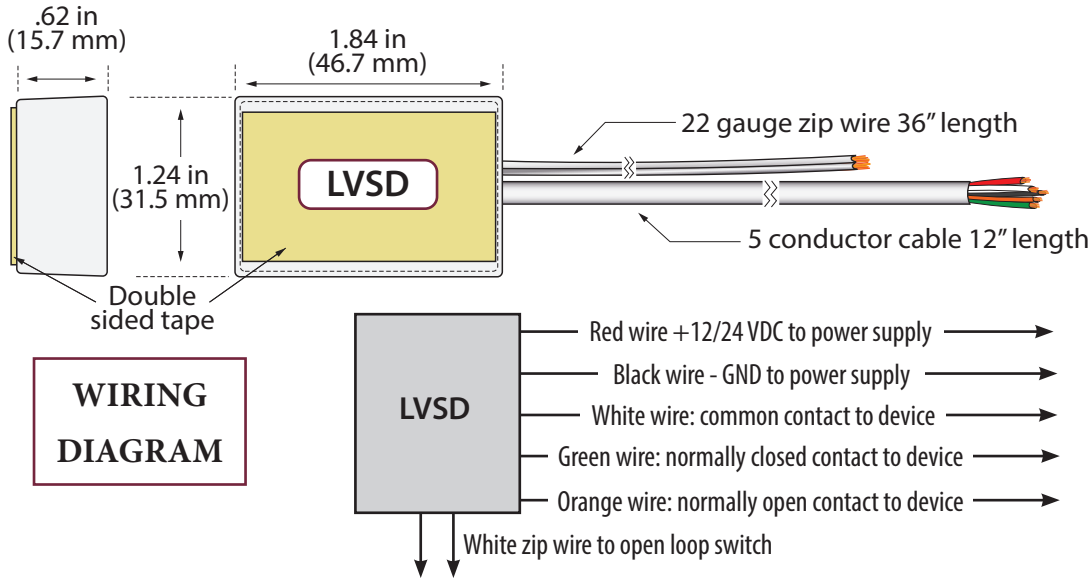KIMBALL, NE 69145
WWW.GRISK.COM

Made in U.S.A.

TOLL-FREE 1-800-445-5218
TOLL-FREE 1-800-523-1227
(308) 235-4645
FAX (308) 235-3561
E-MAIL: sales@grisk.com

Low Voltage Switching Device

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G R I

.62 in
(15.7 mm)

1.84 in
(46.7 mm)

22 gauge zip wire 36" length

1.24 in
(31.5 mm)

LVSD

5 conductor cable 12" length

Double
sided tape

WIRING

DIAGRAM

LVSD

Red wire +12/24 VDC to power supply →
Black wire - GND to power supply →
White wire: common contact to device →
Green wire: normally closed contact to device →
Orange wire: normally open contact to device →

White zip wire to open loop switch

.62 in
(15.7 mm)

1.84 in
(46.7 mm)

22 gauge zip wire 36" length

1.79 in

1.24 in
(31.5 mm)

LEDSD

3.50 in

Double
sided tape

1.40 in

1.025 in
(26.0 mm)

1.25 in
(31.5 mm)

.35 in
(8.89 mm)

.386 in
(9.8 mm)

.441 in
(11.2 mm)

WIRING

DIAGRAM

Female connector
to 12/24 VDC
power supply
←

LEDSD

Male connector to LED →

White zip wire to 3030-T (open loop switch)

WARRANTY: One year warranty against workmanship, material and factory defects.

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