

# EZ-LIGHT® Indicators for RP Rope Pull Switches and SI Interlocking Switches



## Features

PNP DC-Operated LED Indicators with One or Two Colors



- Designed to provide switch status information
- M20 × 1.5 threaded polycarbonate base
- Translucent polycarbonate dome
- 130 mm (5 in) flying lead wires
- Fully encapsulated IP67, IP69K per ISO 20653

## Models

| Model Number | Color                      | For Use With                                                                                                                                                                  |
|--------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SI-K30LYRX7P | Yellow, Red <sup>(1)</sup> | RP-RM83F-xxLTE/-xxLRE (with tension alarm output)                                                                                                                             |
| SI-K30LGRX7P | Green, Red <sup>(1)</sup>  | SI-series interlocks with N.O. contact, RP-LM40..., RP-LS42F..., RP-QM90F..., RP-QM( T)72..., RP-RM83F..., SI-LS31..., SI-LS100, SI-QS90..., SI-LM40..., SI-LS42..., SI-QM100 |
| SI-K30LRXX7P | Red                        |                                                                                                                                                                               |

## Specifications

### Color Key

| Wire Color | V DC | Light Color                  |
|------------|------|------------------------------|
| Brown      | +24  | Yellow or Green              |
| Black      | +24  | Red (overrides yellow/green) |
| Blue       | 0    | n/a                          |

### Supply Voltage and Current

10 V DC to 30 V DC at 30 mA maximum

### Indicators

Entire translucent diffuser or dome provides indication.

### Input Response Time

Indicator ON/OFF: 1 ms maximum

### Construction

Base: polycarbonate, M20 × 1.5 threaded  
Translucent dome: polycarbonate

### Connections

130 mm (5 in) flying lead wires

### Environmental Rating

Fully encapsulated IP67, IP69K if the cable and cable entrance are protected from high-pressure spray.

### Operating Conditions

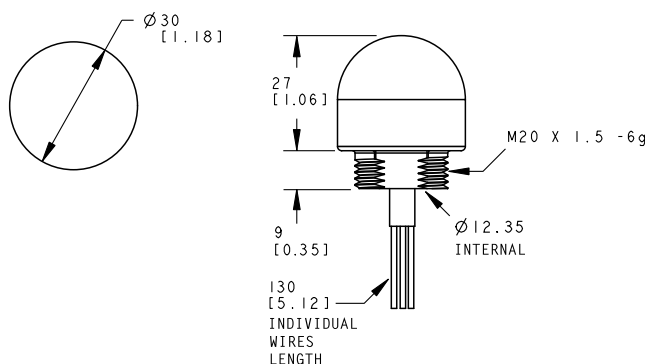
−40 °C to +50 °C (−40 °F to +122 °F)

### Certifications



Banner Engineering BV  
Park Lane, Culliganlaan 2F bus 3  
1831 Diegem, BELGIUM

## Dimensions



<sup>(1)</sup> +24 V DC applied to the black wire (Red) overrides (turns OFF) Yellow/Green



## Wiring

### SI-K30LYRX7P

#### RP-RM83F-xxLTE/-xxLRE (shown):

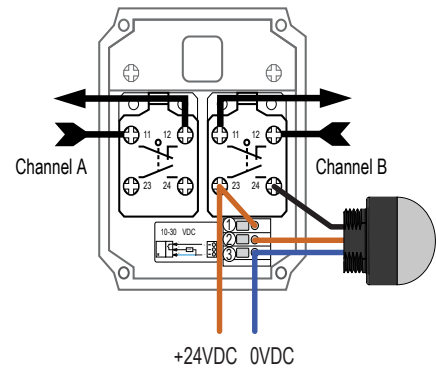
Brown = Terminal 2; Indication = YELLOW/Tension Alarm

Black = Terminal 24; Indication = RED/Stop

Blue = Terminal 3 and 0 V DC

+24 V DC = Terminal 1 and Terminal 23

NOTE: Armed (RUN) = OFF



### SI-K30LGRX7P

#### RP-LS42F Hookup (shown):

Brown = +24 V DC and Terminal 14; Indication = GREEN/Armed (RUN)

Black = Terminal 13; Indication = RED/Stop

Blue = 0 V DC

#### RP-RM83F Hookup (without Tension Alarm):

Brown = +24 V DC and Terminal 23; Indication = GREEN/Armed (RUN)

Black = Terminal 24; Indication = RED/Stop

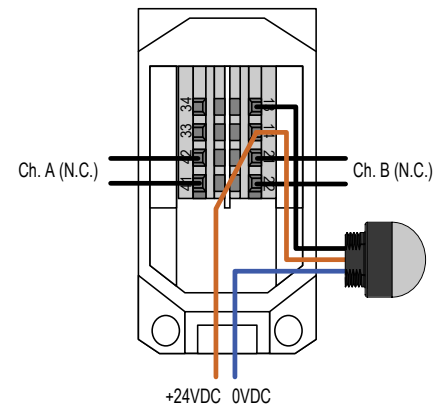
Blue = 0 V DC

#### SI-series Interlocking switches

Brown = +24 V DC and N.O.(a) contact; Indication = GREEN/Armed (RUN)

Black = N.O.(b) contact; Indication = RED/Stop

Blue = 0 V DC



### SI-K30LRXX7P

#### RP-LS42F Hookup (shown):

+24 V DC = Terminal 14

Black = Terminal 13; Indication = RED/Stop

Blue = 0 V DC

NOTE: Armed (RUN) = OFF

#### RP-RM83F Hookup (without Tension Alarm):

+24 V DC = Terminal 23

Black = Terminal 24; Indication = RED/Stop

Blue = 0 V DC

NOTE: Armed (RUN) = OFF

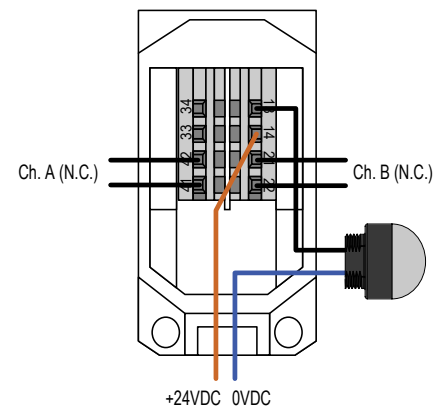
#### SI-series Interlocking switches

+24 V DC = N.O.(a) contact

Black = N.O.(b) contact; Indication = RED/Stop

Blue = 0 V DC

NOTE: Armed (RUN) = OFF



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