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[1]	RP-RM83F-xxLTE/-xxLRE (with tension alarm output)
SI-K30LGRX7P	Green, Red[1]	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.

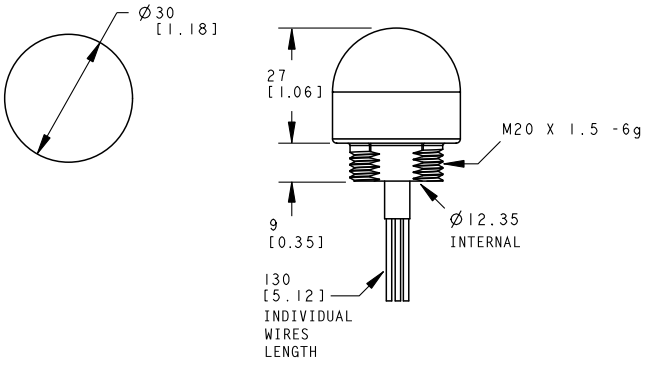
Operating Conditions

–40 °C to +50 °C (–40 °F to +122 °F)

Certifications

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

Dimensions



[1] +24 V DC applied to the black wire (Red) overrides (turns OFF) Yellow/Green

Original Instructions
23-Jun-25

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171472
p/n: 171472 Rev. B

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Wiring

SI-K30LYRX7P

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

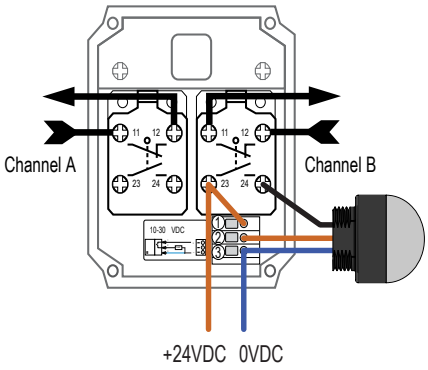
Brown = Terminal 2; Indication = YELLOW/Tension Alarm

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

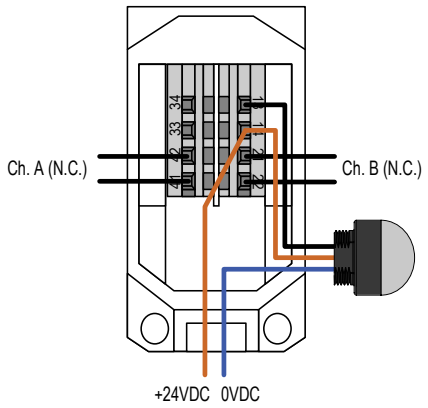
Blue = 0 V DC

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

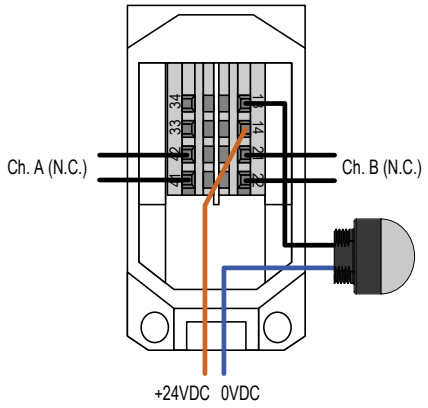
SI-series Interlocking switches

+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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