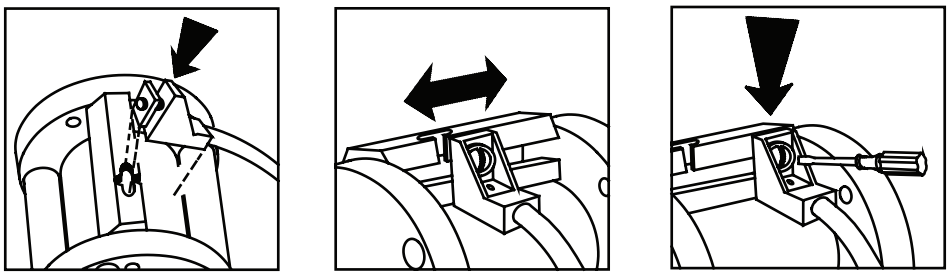
Solid State Switch for Flat-1® and Flat-II®

HK (Sinking, NPN), HC (Sourcing, PNP)

CONTENTS: 1 switch 1 screw
1 washer 1 nut

The screw has been staked to prevent removal of the nut with normal loosening torque.

SWITCH MOUNTING INSTRUCTIONS



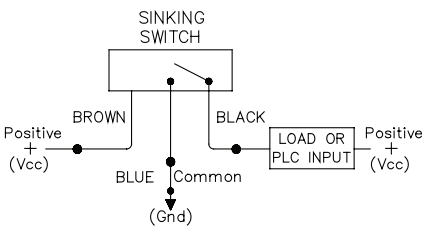
ELECTRICAL SPECIFICATIONS

Output Type ..... Current sinking (HK) or sourcing (HC)
Input Voltage ..... 4.5 to 30 V DC
Quiescent Current .....30 mA max.
"On" Voltage Drop
Sinking ..... 0.4 Volts max.
Sourcing ..... 1.5 Volts max.
Reverse Polarity Protection
Over Voltage Protection
CE Compliant

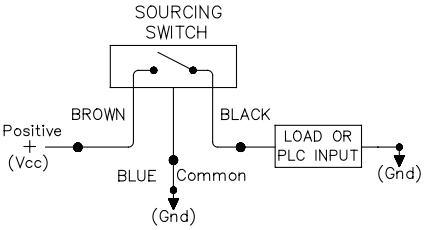
Output Current .....150 mA max.
Temperature Range ..... -4° to +176°F
-20° to +80°C
Turn ON Time ..... 1 ms max.
OFF State Leakage.....10 µA max.
LED Color .....Red for sinking
Yellow for sourcing
Transient Protection
RoHS Compliant
IP67 Environmental Rating

CIRCUIT DIAGRAMS

Typical Sinking Configuration for HK Models (NPN)



Typical Sourcing Configuration for HC Models (PNP)



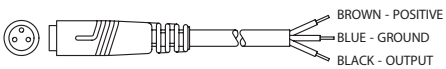
Basic Circuit Layout for Programmable Controllers and Normally Off Relays and Solenoids

CAUTION: Shorting black output wire to blue wire (common/ground) or brown wire (positive/input) will damage the switch.

QUICK CONNECT PIN AND WIRE ASSIGMENTS

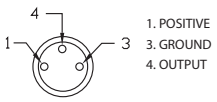
"Q" Option

8mm Female Connector



Model "C" - 2m Cable
Model "CX" - 5m Cable

Face View of Male Connector



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