



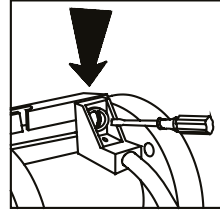
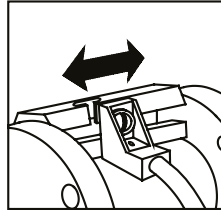
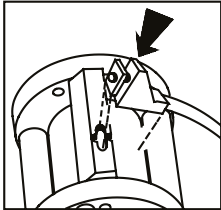
Solid State Switch for Flat-1® and Flat-II® HK (Sinking, NPN), HC (Sourcing, PNP)

CONTENTS

- > 1 switch
- > 1 washer
- > 1 screw
- > 1 nut

The screw has been staked to prevent removal of the nut with normal loosen-ing 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

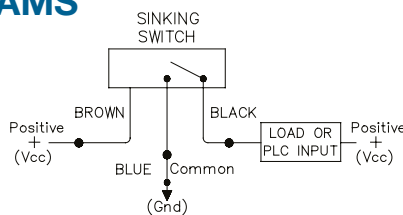
Transient Protection

RoHS Compliant

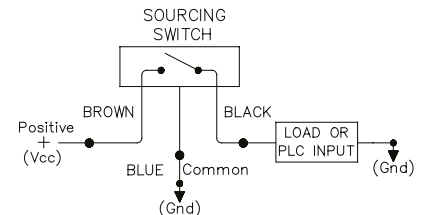
IP67 Environmental Rating

CIRCUIT DIAGRAMS

Typical Sinking Configuration for HK Models (NPN)



Typical Sourcing Configuration for HC Models (PNP)

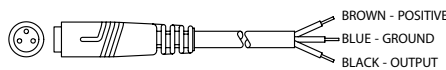


Basic Circuit Layout for Programmable Controllers and Normally Off Relays and Solenoids

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

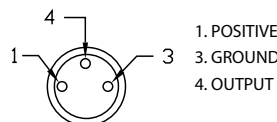
QUICK CONNECT PIN AND WIRE ASSIGNMENTS

“Q” Option / 8mm Female Connector



Model “C” - 2m Cable / Model “CX” - 5m Cable

Face View of Male Connector



For further information, scan this QR code or visit www.bimba.com



Form: BMS-1010
Rev. 1: EC-37790