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.

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

Reverse Polarity Protection
Over Voltage 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

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

Bimba Manufacturing Company
Monroe, IL 60449-0068
Tel: 708.534.8544
Fax: 708.235.2014
Email: cs@bimba.com
Website: www.bimba.com

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