



DATE: June 9, 2010  
FOR IMMEDIATE RELEASE

### CIT Relay & Switch SH Series Key Switch

**Minneapolis, Minnesota** –The versatile SH Series is a high quality switch offering a variety of non-illuminated and illuminated package styles to fit nearly any design requirement. This utility switch features non-illuminated, single and bi-color LED options with a wide variety of cap and actuator options. The SH Series offers design engineers hundreds of options to fulfill their design needs. Included in the over 25 different cap and actuator options are pre-engraved off-the-shelf process symbols such as lighted “on/off” and arrow directional symbols. The 12mm flat actuator combined with a short 0.5mm travel is ideal for use under a laminated panel – the choices are endless!

Specifications: Electrical rating is 50mA @ 35VDC. Electrical life is 100k cycles. Contact Resistance is <math><50\text{m}\Omega</math> initial. Dielectric Strength is 500Vrms minimum with Insulation Resistance of >math>100\text{M}\Omega</math> minimum. Actuation force is  $130 \pm 50\text{gF}$  and Actuator Travel is  $.50 \pm .1\text{mm}$ . Operating and Storage Temperature is -40°C to 85°C.

Materials: RoHS Compliant. Cover is Polycarbonate with base of Valox. Contacts and terminals are silver-plated copper alloy.

Lead-time averages 4 to 6 weeks. Volume pricing ranges from **\$0.32**, dependent on option choices and quantity. Contact us directly for a quote and sample to solve your pushbutton switch needs.

Typical applications of the SH Series switch include instrumentation, industrial, audio, electronic games, appliance, video, and a variety of digital applications as in input, reset and on/off switch in audio products.

*CIT RELAY & SWITCH*, a division of Circuit Interruption Technology, Inc., manufactures a broad array of automotive, telecom, security, industrial and audio relays and switches in thru-hole, panel, and surface mount styles. *CIT RELAY & SWITCH* products are supported by a worldwide network of distributors and sales representatives. For more information about the *CIT RELAY & SWITCH* SH Series Illuminated Key Switch or any of the CIT switch or relay products, contact *CIT RELAY & SWITCH*, 1152 Highway 10 NE, Minneapolis, MN 55432. Phone: 763-535-2339, Fax: 763-535-2194, E-Mail: sales@citrelay.com, Website: www.citswitch.com

Direct Link: <http://www.citrelay.com/Catalog%20pages/Switches/SH%20Series%20Catalog.pdf>

Press Release Contact: Doreen Schiebe  
dschiebe@citrelay.com  
763-535-2339

Sales & Engineering Contact: Tony Schisler  
tschisler@citrelay.com  
763-535-2339

CIT Relay & Switch  
1152 Highway 10 NE  
Minneapolis, MN 55432  
763-535-2339  
www.citswitch.com  
sales@citrelay.com

