

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







CR9400 Series





DC SWITCHING (-NPN or -PNP)

Vce (full off): 30 VDC max.

Isink (full on): 120 mADC max.@ rated full-on Vce (reverse polarity voltage): 1.2 VDC @

100 mADC

Vce (full on): 1.5 VDC @ 120 mADC Isink Off state leakage current: 5ua @ 30 VDC

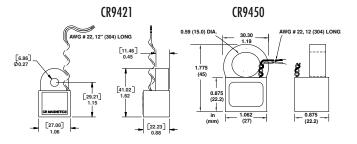
(typical)

AC SWITCHING (-ACA)

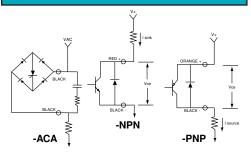
Off state voltage: 240 VAC RMS max. Minimum holding current: 10 mA

On state current: 0.8 AAC RMS max. continuous
Off state leakage: 50 ua @ 240 VAC max.
Peak Non-Repetitive Surge Current:
8 AAC RMS (1 cycle, 60 Hz.)

OUTLINE DRAWING



ELECTRICAL CONNECTIONS



The **CR9400** Series is a low cost, self powered, fixed set-point Current Switch designed for applications that require an on-off indication of current flow.

The normal state of the switch is On when the current level is zero. Current levels above the guaranteed full-off level will turn the output to Off. The Current Switch is recommended only for applications where the continuous operating level is above the rated full on level of 350 mA. Operation below this point will not drive the output device full-on and derate the output ratings.

The unit available with a SCR output for switching AC. Connections can be made directly to items such as a PLC or electro-mechanical relay. Note that connections made directly to an inductive device such as an electro-mechanical relay will require a customer supplied clamping diode for DC operation or a snubber network for AC operation.

Applications

Continuity Proving Switch

Features

Low Cost Low Fixed Trip Point Fully Isolated Self-Powered

Specifications

Rated Full-off: 0.400 AAC RMS

Turn-on Time: 100 ms. max. @ rated full-on Turn-off Time: 250 ms. max. to 80% of Vce Maximum sense current: Continuous: 100 AAC 1 Second: 500 AAC

50 : 400 II

Frequency*: 50 to 400 Hz

Operating Temperature: -30° C to $+60^{\circ}$ C Storage Temperature: -55° C to $+85^{\circ}$ C

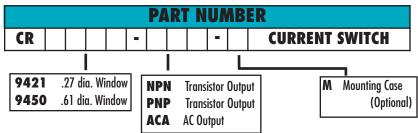
Weight 0.08 LBS.

*All specifications for operation at 60 Hz only

Regulatory Agencies









3500 Scarlet Oak Blvd. St. Louis MO USA 63122 V: 636-343-8518 F: 636-343-5119

Web: http://www.crmagnetics.com 71 E-mail: sales@crmagnetics.com