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
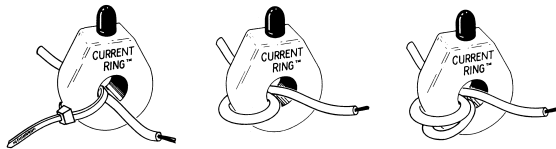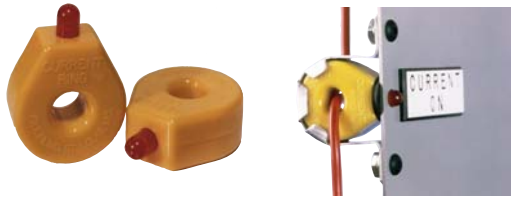Email & Skype: info@chipsmall.com Web: www.chipsmall.com
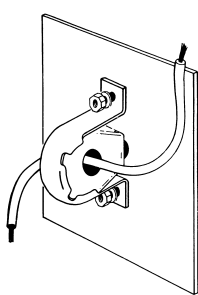Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

CR45 Series   ## MB45 Bracket

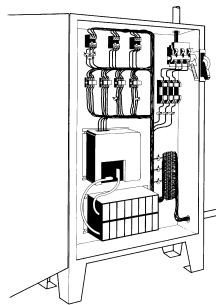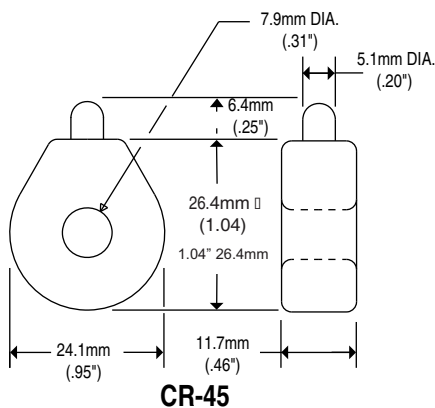One-Wire Pass   Two-Wire Passes   Three-Wire Passes

Panel Mount   Load Center

The **CR45** Series, Wire Mounted Electrical Current Indicators provide an effective method of monitoring electrical current. The indicator is attached directly to a current-carrying wire. When the current exceeds the turn-on point, the LED will illuminate to indicate the presence of current.

Applications
Monitor Status of Heater Elements
Observe Remote Loads
Indicate Phase Loss
Monitor Motor Operation

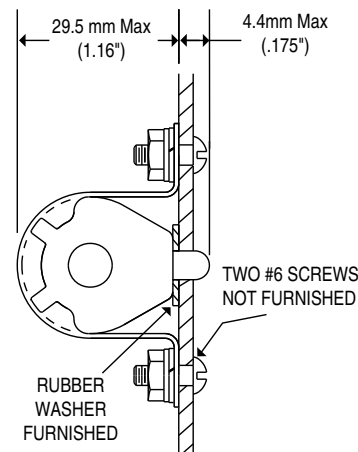### Features
Self Powered
Red, Green, Blue, White, Yellow and Amber Indicators
Easy to Install
Supplied with a plastic wire tie
Bright Yellow Case for Easy Identification
Panel Mounting Bracket available

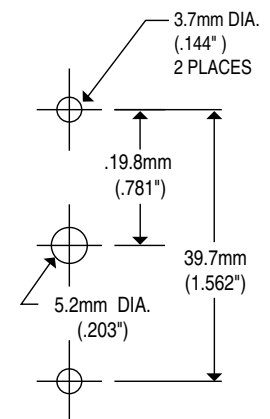### Specifications
100 AAC Max, 600 VAC Max rating
Thermoplastic Case Material
14.2 g / 0.5 oz weight
50 - 1Khz Bandwidth
-10°C to +85°C Operating Temperature
Mounting Bracket Non-Magnetic Aluminum Material
Weight 0.03 LBS.

Regulatory Agencies

c(UL)US
E471882

RoHS
2002/95/EC

PART NUMBERS

Part Number	LED Color	Turn On Point (1 pass)
CR45-R	Red	2.0 AAC
CR45-G	Green	2.5 AAC
CR45-B	Blue	2.0 AAC
CR45-W	White	2.0 AAC
CR45-Y	Yellow	2.0 AAC
CR45-A	Amber	2.0 AAC
MB45	Panel Mounting Bracket	

7.9mm DIA. (.31")
5.1mm DIA. (.20")
6.4mm (.25")
26.4mm (1.04)
1.04" 26.4mm
24.1mm (.95")
11.7mm (.46")
CR-45

29.5 mm Max (1.16")
4.4mm Max (.175")
TWO #6 SCREWS NOT FURNISHED
RUBBER WASHER FURNISHED
MB45

3.7mm DIA. (.144") 2 PLACES
.19.8mm (.781")
39.7mm (1.562")
5.2mm DIA. (.203")
Recommended Mounting Hole Pattern

E

Indicators and Dispalys

The Professional Energy Monitoring Company
CR MAGNETICS
ISO 9001:2008 Quality Management System

3500 Scarlet Oak Blvd. St. Louis MO USA 63122 V: 636-343-8518 F: 636-343-5119
Web: http://www.crmagnetics.com   77   E-mail: sales@crmagnetics.com