Effective April 2010

Instructions for Installation of a Current Sensor

DANGER

HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH. TURN OFF POWER SUPPLYING
THIS EQUIPMENT BEFORE WORKING INSIDE.

TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT. COUPAR POUVOIR

TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT. COUPAR POUVOI ELECTRIQUE DE CET ÉQUIPEMENT AVANT LE FAIT DE TRAVAILLER À L'INTÉRIEUR

A PELIGRO

VOLTAJE PELIGROSO. CAUSA HERIDAS SEVERAS O MUERTE. INTERRUMPA EL SUMINISTRO DE ENERGIA QUE SALE DE TRABAJAR SE EL INTERIOR DEL MISMO

Please read these instructions completely before installing or removing device. Improper installation could be hazardous to personnel and/or equipment.

Por favor lea estas instrucciones en su totalidad antes de instalar o mover el aparato. Una instalacion inapropiada puede ser peligrosa para el personal y/o el equipo.

Veuillez lire les presentes directives au complet avant d'installer ou de retirer le dispositif. Une manvaise installation pourait causer des blessures au personnel et/au endommager l'equipement.

Installation Instructions

When installing the load wiring, route the wire through the center hole of the Current Sensor and terminate the wire into the circuit breaker terminal or other termination point, ensuring that the Current Sensor is orientated properly. The words "THIS SIDE TOWARD LOAD" are marked on the Current Sensor as shown in Figure 1

The Current Sensors plug into the current sensor inputs J2 and J3 on the RTC-100 Controller. Plug locations are clearly marked. The plugs are keyed, so they cannot be plugged incorrectly.



Figure 1. Typical Sensor Orientation



This instruction booklet is published solely for information purposes and should not be considered all-inclusive. If further information is required, you should consult Eaton.

Sale of product shown in this literature is subject to terms and conditions outlined in appropriate Eaton selling policies or other contractual agreement between the parties. This literature is not intended to and does not enlarge or add to any such contract. The sole source governing the rights and remedies of any purchaser of this equipment is the contract between the purchaser and Eaton.

NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, OR WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ARE MADE REGARDING THE INFORMATION, RECOMMENDATIONS AND DESCRIPTIONS CONTAINED HEREIN. In no event will Eaton be responsible to the purchaser or user in contract, in tort (including negligence), strict liability or otherwise for any special, indirect, incidental or consequential damage or loss whatsoever, including but not limited to damage or loss of use of equipment, plant or power system, cost of capital, loss of power, additional expenses in the use of existing power facilities, or claims against the purchaser or user by its customers resulting from the use of the information, recommendations and description contained herein.

> Eaton Corporation Electrical Group

Electrical Group 1000 Cherrington Parkway Moon Township, PA 15108 United States 877-ETN-CARE (877-386-2273) Eaton.com

© 2010 Eaton Corporation All Rights Reserved Printed in USA Publication No. IB 70-8744 / TBG000334 April 2010



PowerChain Management[®]

PowerChain Management is a registered trademark of Eaton Corporation.

All other trademarks are property of their respective owners.

