



INSTALLATION INSTRUCTIONS

CMP, CMKP, COP, COKP & CUP SERIES

CURRENT MONITORING RELAYS

SERIES A

December, 2008 (RevA Replaces New Dated April, 2005)

901-0000-111

INSTALLATION & WIRING

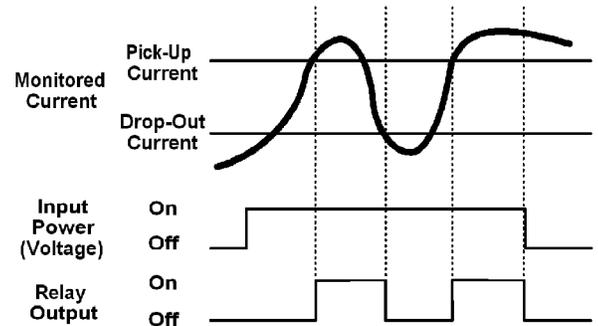
Please refer to instructions provided on the carton for information on installing & wiring this unit.

PRODUCT SET-UP

Locate the appropriate Product Series (see nameplate on product) below or on the back of this sheet for information on how to set-up the product:

CMP Series

Adjust the pick-up setting between the MIN & MAX values of the monitored current range of the unit. The drop-out setting is fixed at 95% of the pick-up setting. The LED is Green when input voltage is applied. The relay energizes (and the LED is Red) when the monitored current is above the pick-up setting. The relay de-energizes (and the LED is Green) when the monitored current is below the drop-out setting & input voltage remains.

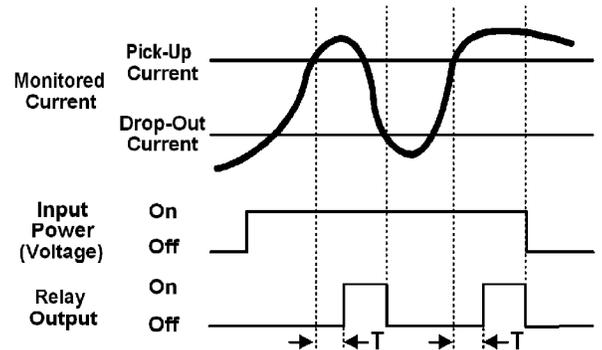


CMKP Series

Adjust the pick-up setting between the MIN & MAX values of the monitored current range of the unit. Then adjust the drop-out setting between 50 & 95% of the pick-up setting. The LED is Green when input voltage is applied. The relay energizes (and the LED is Red) when the monitored current is above the pick-up setting. The relay de-energizes (and the LED is Green) when the monitored current is below the drop-out setting & input voltage remains.

COP Series

Adjust the pick-up setting between the MIN & MAX values of the monitored current range of the unit. The drop-out setting is fixed at 95% of the pick-up setting. Set the time delay on pick-up between 0.1 & 10 seconds. The LED is Green when input voltage is applied. The relay energizes (and the LED is Red) when the monitored current is above the pick-up setting for a period longer than the set time delay. The relay de-energizes (and the LED is Green) when the monitored current is below the drop-out setting & input voltage remains.

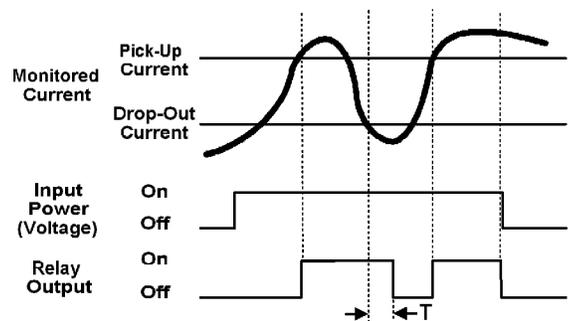


COKP Series

Adjust the pick-up setting between the MIN & MAX values of the monitored current range of the unit. Then adjust the drop-out setting between 50 & 95% of the pick-up setting. Set the time delay on pick-up between 0.1 & 10 seconds. The LED is Green when input voltage is applied. The relay energizes (and the LED is Red) when the monitored current is above the pick-up setting for a period longer than the set time delay. The relay de-energizes (and the LED is Green) when the monitored current is below the drop-out setting & input voltage remains.

CUP Series

Adjust the drop-out setting between the MIN & MAX values of the monitored current range of the unit. The pick-up setting is fixed at +5% of the selected drop-out setting. Set the time delay on drop-out between 0.1 & 10 seconds. The LED is Green when input voltage is applied. The relay energizes (and the LED is Red) when the monitored current is above the pick-up. The relay de-energizes (and the LED is Green) when the monitored current is below the drop-out setting for a period longer than the set time delay & input voltage remains.



Warranty

All products manufactured by Macromatic are warranted to be free from defects in workmanship or material under normal service and use for a period of five (5) years from date of manufacture.

Macromatic Industrial Controls Inc.

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