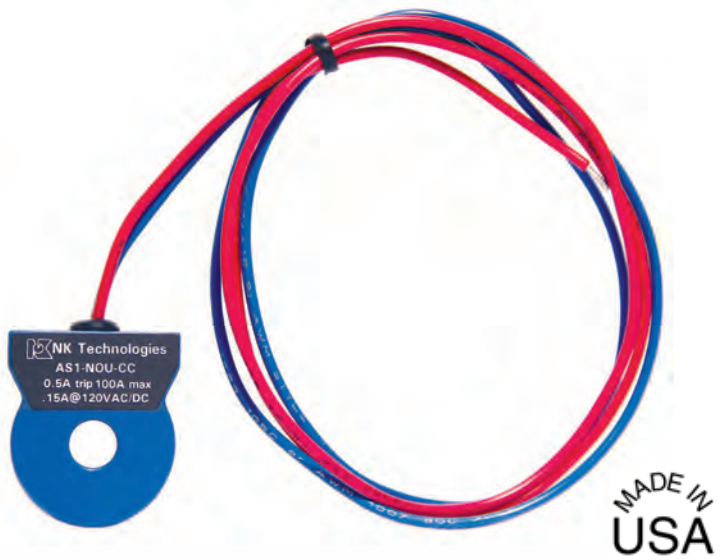
Clearwater Tech - Phone: 800.894.0412 - Fax: 208.368.0415 - Web: www.clrwtr.com - Email: info@clrwtr.com

NK Technologies



AS1 SERIES

AC Current Switch in a Compact Case

The **AS1 Series** Compact Case current sensing switch is a compact, inexpensive, easy-to-use ring which slips onto a conductor to give a solid state contact for indication of current flow. Ideal for use in control panels, or wherever confirmation of current flow is desired, AS1 Series-CC current switches are a cost-effective way to detect live conductors and see current flow to fans, heaters, pumps, lighting or other AC powered devices.

Specifications

Output/Indication	Standard: ● Solid-state contact, normally open ● Solid-state contact, normally closed
Indicating Range	0.5A minimum
Output Rating	150mA, 120VAC or DC maximum
Dimensions	● Overall: 1.125"W x 0.56"D x 1.5"H ● Aperture: 0.32"ID ● Pigtails: 24"
Case	UL94 V0 Flammability Rated
Mounting	Slides directly onto monitored conductor
Environmental	-4 to 122°F (-20 to 50°C) 0–95% RH, non-condensing
Frequency Response	50–400 HZ
Listings/Certifications	UL 508 Industrial Control Equipment (USA & Canada pending)

Ordering Information

Sample Model Number: AS1-NOU-CC
Current Switch with normally open contact in a compact housing.

	(1)				(2)	
AS1 -	N			-	C	C

(1) Output

NOU	Normally Open
NCU	Normally Closed

(2) Housing Type

CC	Compact Case

Features

Low Sensitivity Turn-On Point

- Detect currents as low as 0.5A with a single conductor pass, eliminates the need to wrap conductors multiple times to increase sensitivity

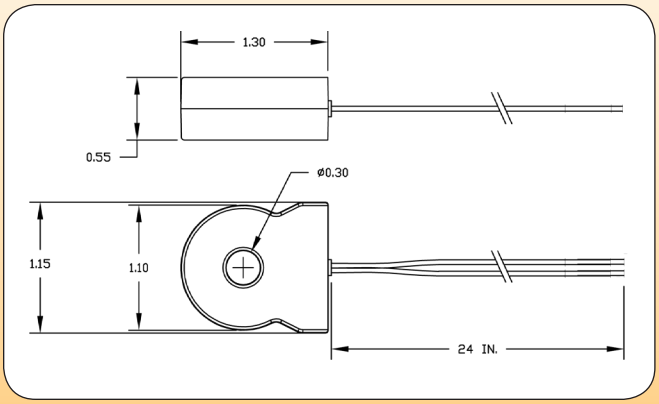
Reliable Solid-state Output

- No moving parts provide a nearly unlimited number of operations, and powered from the monitored circuit

Choice of Outputs

- Normally Open or Normally Closed connection. Connect the leads 24" long leads to a local controller or to a terminal block for remote operation.

Applications

- Quick reporting of electric motor load status.
- Identify open heater circuit connection.
- Independant verification that the load is energized.
- Confirmation of operation for critical lighting or equipment.

Dimensions