

NK Technologies Compact AC Current Switches

- Fixed 0.5A trip point
- Long life solid-state output
- No external power required
- Normally open or normally closed output
- 5 year warranty



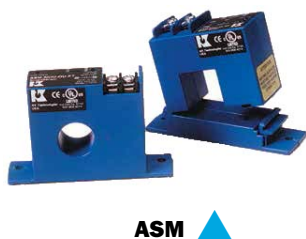
ORDERING INFORMATION

P/N	Description
AS1-NOU-CC	Compact AC Current Switch with N.O. Output
AS1-NCU-CC	Compact AC Current Switch with N.C. Output

SPECIFICATIONS	
Output/Indication:	Solid-state contact, normally open or normally closed
Indicating Range:	0.5 A trip point
Output Rating:	150 mA, 120 VAC or DC max.
Dimensions:	1.125"W x 0.56"D x 1.5"H
Aperture:	0.30" ID
Pigtail Leads:	24"
Case:	UL94 V0 Flammability Rated
Mounting:	Slides directly onto monitored conductor
Environment:	-4 to 122°F (-20 to 50°C), 0-95% RH, non-condensing
Frequency Response:	50-400 Hz
Listings:	UL/cUL, CE

NK Technologies Smart AC Current Switches

- Self-calibrating trip points
- Over, under or over/under limit detection
- Long life solid-state output
- No external power required
- Solid and split-core styles
- 5 year warranty



It takes just a couple seconds of steady running conditions for the sensor to lock onto the normal current level. Upon sensing the average operating current, the ASM self-learns and establishes a limit-alarm trip point at 85% or 125% of the normal current (underload or overload).

SPECIFICATIONS

Power Supply:	None—Self-powered
Output:	Magnetically isolated solid-state relay
Output Rating:	N.O. Version: 0.30 A @ 135 VAC or VDC (Not polarity sensitive) N.C. Version: 0.20 A @ 135 VAC or VDC
Off-state Leakage:	<10 μ A
Response Time:	200 ms
Setpoint Range:	Solid-core: 1.5-150 A Split-core: 2.8-150 A
Setpoint:	Overload: +25% of Load (-OL) Underload: -15% of Load (-UL) Over/Underload: -15 to +25% of load (OU)
Hysteresis:	5% of setpoint
Overload:	500 A @ 6sec., 1000 A @ 1sec.
Isolation Voltage:	UL listed to 1270 VAC, tested to 5000 VAC
Frequency Range:	6-100 Hz
Dimensions:	3.50" x 2.25" x 1.20", 3.04" mounting centers
Aperture:	0.74"-0.85"
Case:	UL94 V0 Flammability Rated
Environment:	-4 to 122°F (-20 to 50°C), 0-95% RH, non-condensing
Listings:	UL/cUL, CE

ORDERING INFORMATION

P/N	Output	Operation	Case
ASM-NOU-OL-FT	N.O.	Overload	Solid-core
ASM-NOU-UL-FT	N.O.	Underload	Solid-core
ASM-NOU-OU-FT	N.O.	Over/Underload	Solid-core
ASM-NCU-OL-FT	N.C.	Overload	Solid-core
ASM-NCU-UL-FT	N.C.	Underload	Solid-core
ASM-NCU-OU-FT	N.C.	Over/Underload	Solid-core
ASM-NOU-OL-SP	N.O.	Overload	Split-core
ASM-NOU-UL-SP	N.O.	Underload	Split-core
ASM-NOU-OU-SP	N.O.	Over/Underload	Split-core
ASM-NCU-OL-SP	N.C.	Overload	Split-core
ASM-NCU-UL-SP	N.C.	Underload	Split-core
ASM-NCU-OU-SP	N.C.	Over/Underload	Split-core

NK Technologies AC Current Indicators

- Provides quick visual indication of current flow
- Integral or remote LED
- No external power required
- Small size mounts easily on conductor
- 5 year warranty



ORDERING INFORMATION

P/N	Description
ACI-0.5-L	AmpFlasher AC Current Indicator with integral LED
ACI-0.5-P	AmpFlasher AC Current Indicator with LED on 24" leads

SPECIFICATIONS	
Output/Indication:	Standard: LED (flashing, red) Optional: 24" Pigtails for Remote LED
Indicating Range:	0.5 A-100 A
LED On Trip Point:	<500 mA (factory set)
Dimensions:	1.125"W x 0.56"D x 1.5"H
Aperture:	0.30" ID
Pigtail Leads:	24"
Case:	UL94 V0 Flammability Rated
Mounting:	Slides directly onto monitored conductor
Environment:	-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)