



# NK Technologies



MADE IN USA

## AS1 SERIES Current Operated Relay NOR-FT-GO

### Specifications

<b>Power Supply</b>	None—Self-powered		
<b>Output</b>	Electromechanical Relay		
<b>Output Rating</b>	<ul style="list-style-type: none"> <li>NOR - N.O. Version:                             <ul style="list-style-type: none"> <li>5A @ 250VAC</li> <li>5A @ 30VDC</li> </ul> </li> </ul>		
<b>Off-State Leakage</b>	None		
<b>Response Time</b>	120 ms		
<b>Setpoint Range</b>	Go/No-go Fixed Trip Point - NOR: 5.8A AC		
<b>Hysteresis</b>	5% of Setpoint		
<b>Overload</b>	MODEL	6 SEC	1 SEC
	<ul style="list-style-type: none"> <li>NOR-GO</li> </ul>	<ul style="list-style-type: none"> <li>400A</li> </ul>	<ul style="list-style-type: none"> <li>1,000A</li> </ul>
<b>Isolation Voltage</b>	Tested to 5,000VAC		
<b>Frequency Range</b>	6–100Hz		
<b>Sensing Aperture</b>	-FT Case: 0.74" (19mm) dia.		
<b>Case</b>	UL94 V0 Flammability Rated		
<b>Environmental</b>	-58 to 122°F (-50 to 50°C) 0–95% RH, non-condensing		
<b>Listings</b>	UL 508 Industrial Control Equipment (USA & Canada)		



**AS1 Series** NOR-FT-GO is a specialized current relay providing an electromechanical relay contact. This output allows the sensor to control much more current than other AS1 models. This contact can control loads up to 5 amps, AC or DC. Solid-state contacts generally have a much lower capacity, making this sensor much more versatile than most self-powered models. Available in a solid core style only. (See AS1 Current Switch data sheet for dimensions.)

### Features

#### Electromechanical Output

- N.O. mechanical output relay for detection of current; closes on current increase.

#### Fixed Setpoint

- Cuts installation and operating costs.

#### Self-Powered

- Reduces installation time and costs.

#### Integral Mounting Feet

- Molded in feet for direct panel mounting or attachment of DIN-compatible brackets.

#### Agency Approved

- UL and CUL

### Applications

#### Electronic Proof of Flow

- Current operated switches eliminate the need for multiple conduits or duct penetrations and are more reliable than electromechanical pressure or flow switches.

#### Compressor Monitoring

- Detect when the compressor is running.
- Allows for time of use logging; helps maintenance scheduling.

#### Heaters

- Sense system operation.

#### Fan Interlocks

- Sense system operation.
- Use to turn on a duct booster fan when clothes dryer is energized.

### Ordering Information

Sample Model Number: AS1-NOR-FT-GO

AS1 - <sup>(1)</sup> [N] [O] [R] - <sup>(2)</sup> [F] [T] - <sup>(3)</sup> [G] [O]

(1) Output Rating

[NOR] Normally Open (mechanical)

(2) Case Style

[FT] Solid-core, Top Terminals

(3) Options

[GO] Go/no-go version (fixed-setpoint)