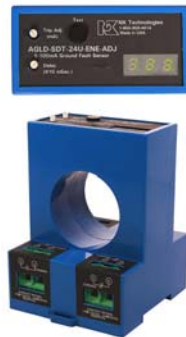


## NK Technologies Ground Fault Relays

- Large 1.82" (46.2mm) window
- 3 digit trip point display
- SPDT relay output
- Adjustable setpoint & delay
- Test button
- DIN rail mounting
- AC or DC powered

**AGLD**


AGLD Series Ground Fault Sensors keep machinery and their operators safe from accidental shocks. The large, one piece solid-core design allows for installation over wires feeding heavy loads. The output relay will change state at any point between 5 and 100 mA, or 80 and 950 mA. A delay can be set to allow down stream protection to activate before this sensor, keeping the main circuit protection hot and the equipment energized while the smaller faults are cleared. The large LED display shows the precise trip point and the extra delay clearly, in any light condition. The display flashes when there is current sensed over the trip point.

### SPECIFICATIONS

Power Supply:	120 VAC or 24 VAC/DC (22-36 V)
Consumption:	<4 VA
Output:	SPDT (form C) electromechanical relay, 1 A @ 120 VAC, 2 A @ 30 VDC Max.
Output Operation:	Normally energized or normally de-energized
LED Display:	3 digits, shows trip point in mA. Displays delay period when adjusted (ms X10) Off: Power off
Response Time:	30-980 ms
Response Adjust:	Single turn potentiometer
Setpoint Range:	5-100 mA or 80-950 mA
Setpoint Adjust:	Single turn potentiometer
Isolation Voltage:	Tested to 5000 VAC
Frequency Range:	50-60 Hz
Environment:	-4 to 122°F (-20 to 50°C), <95% RH, non-condensing
Case:	DIN rail mount, UL94 V0 flammability rated
Dimensions:	4.2" H x 3.0" W x 3.25" D (107 x 76 x 83 mm)
Sensing Aperture:	1.82" (46.2 mm)
Listings:	Designed to meet UL 508 Industrial Control
Warranty:	5 years

### ORDERING INFORMATION

	Range	Supply	Relay
AGLD-1-SDT-24U-DEN-ADJ	5-100 mA	24 VAC/DC	Normally de-energized
AGLD-1-SDT-24U-ENE-ADJ	5-100 mA	24 VAC/DC	Normally energized
AGLD-1-SDT-24U-LA-ADJ	5-100 mA	24 VAC/DC	Latching
AGLD-1-SDT-120-DEN-ADJ	5-100 mA	120 VAC	Normally de-energized
AGLD-1-SDT-120-ENE-ADJ	5-100 mA	120 VAC	Normally energized
AGLD-1-SDT-120-LA-ADJ	5-100 mA	120 VAC	Latching
AGLD-2-SDT-24U-DEN-ADJ	80-950 mA	24 VAC/DC	Normally de-energized
AGLD-2-SDT-24U-ENE-ADJ	80-950 mA	24 VAC/DC	Normally energized
AGLD-2-SDT-24U-LA-ADJ	80-950 mA	24 VAC/DC	Latching
AGLD-2-SDT-120-DEN-ADJ	80-950 mA	120 VAC	Normally de-energized
AGLD-2-SDT-120-ENE-ADJ	80-950 mA	120 VAC	Normally energized
AGLD-2-SDT-120-LA-ADJ	80-950 mA	24 VAC/DC	Latching

## NK Technologies Large AC Current Sensing Switches

- Sense currents to 1600 A
- Split-core for easy installation
- SPDT relay output
- Adjustable setpoint & delay
- Status LED
- DIN rail or panel mounting
- AC or DC powered

**ASXP**


### SPECIFICATIONS

Power Supply:	120 VAC or 24 VAC/DC (22-36 V)
Consumption:	<4 VA
Output:	SPDT (form C) electromechanical relay, 1 A @ 120 VAC, 2 A @ 30 VDC Max.
Setpoint Adjust:	Single turn potentiometer with setpoint shown on label
Hysteresis:	5% of setpoint
Indicating:	Bi-Color LED Green: Power on, current within range Red: Power on, current over Setpoint Off: Power off or current less than 20% of range
Response Time:	400-900 ms (Current 90% over setpoint)
Output Operation:	Normal or Fail-Safe (selectable)
Start Delay:	0.5 to 16 seconds (single turn potentiometer adjust)
Isolation Voltage:	Tested to 5000 VAC
Frequency Range:	10-100 Hz (6-100 Hz for MS series)
Environment:	-4 to 122°F (-20 to 50°C), <95% RH, non-condensing
Case:	Panel or DIN rail mount, UL94 V0 flammability rated
LS Case Dimensions:	Core: 6.97" x 4.82" x 1.34" (177 x 122.4 x 34 mm) Base: 3.10" x 3.75" x 1.48" (78.7 x 95.1 x 37.6 mm)
MS Case Dimensions:	Core: 3.16" x 3.43" x 1.17" (80.3 x 87.1 x 29.7 mm) Base: 3.10" x 3.75" x 1.48" (78.7 x 95.1 x 37.6 mm)
Sensing Aperture:	LS Case: 2.3" x 3.42" (58.42 x 86.87 mm) MS Case: 2.22" x 1.19" (56.4 x 30.1 mm)
Listings:	Designed to meet UL 508 Industrial Control
Warranty:	5 years

### ORDERING INFORMATION

ASXP2-SDT-24U-MS	50-200 A, 24 VAC/DC supply, MS case
ASXP4-SDT-24U-MS	100-400 A, 24 VAC/DC supply, MS case
ASXP6-SDT-24U-MS	150-600 A, 24 VAC/DC supply, MS case
ASXP8-SDT-24U-MS	200-800 A, 24 VAC/DC supply, MS case
ASXP2-SDT-120-MS	50-200 A, 120 VAC supply, MS case
ASXP4-SDT-120-MS	100-400 A, 120 VAC supply, MS case
ASXP6-SDT-120-MS	150-600 A, 120 VAC supply, MS case
ASXP8-SDT-120-MS	200-800 A, 120 VAC supply, MS case
ASXP8-SDT-24U-LS	200-800 A, 24 VAC/DC supply, LS case
ASXP10-SDT-24U-LS	400-1000 A, 24 VAC/DC supply, LS case
ASXP12-SDT-24U-LS	600-1200 A, 24 VAC/DC supply, LS case
ASXP16-SDT-24U-LS	1000-1600 A, 24 VAC/DC supply, LS case
ASXP8-SDT-120-LS	200-800 A, 120 VAC supply, LS case
ASXP10-SDT-120-LS	400-1000 A, 120 VAC supply, LS case
ASXP12-SDT-120-LS	600-1200 A, 120 VAC supply, LS case
ASXP16-SDT-120-LS	1000-1600 A, 120 VAC supply, LS case