



Ground Fault Current Detection Systems

Model GFA (Relay)

10 to 75 Amp Trip Currents

OPERATING RANGE:

Trip currents of 10,15, 20 & 75 Amperes.
Time delay from 0.01 to 20 seconds.

INPUT POWER: Self powered.

FREQUENCY: 50/60 Hz.

AMBIENT TEMPERATURE RANGE:

-30°C to +60°C

SPDT contacts Form C, rated 10 Amps.
at 250 Volts ac, 1/4 H.P., 125 Vac.

Contacts shown with the relay in the tripped position.

Dielectric strength: GFA protectors withstand 1500 Volts 60 Hz for 60 seconds between all electrically isolated terminals.

Insulation Resistance:
Insulation resistance of GFA Protectors exceed 100 megohms when tested at 500 Vdc.

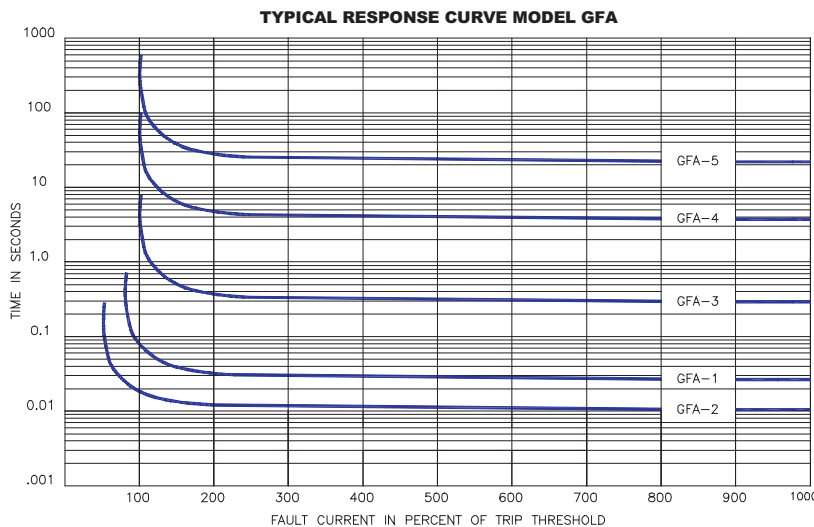
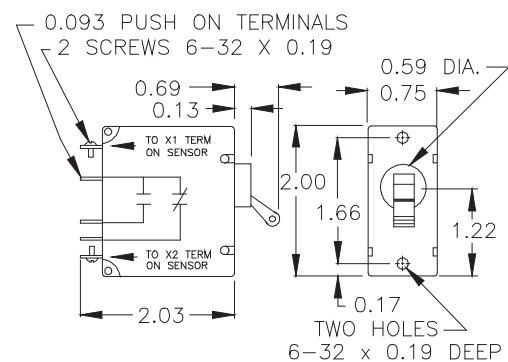
Only for use with GFA sensors.



REGULATORY AGENCY APPROVALS



LR26229



RELAY MODEL NUMBER	HANDLE COLOR	DELAY TYPE
GFA-1	WHITE	INSTANTANEOUS
GFA-2	RED	INSTANTANEOUS
GFA-3	YELLOW	SHORT DELAY
GFA-4	BLUE	MEDIUM DELAY
GFA-5	GREEN	LONG DELAY

Ground Fault Current Detection Systems

Model GFA (Sensor) 10 to 75 Amp Trip Currents

REGULATORY AGENCY APPROVALS



OPERATING RANGE:

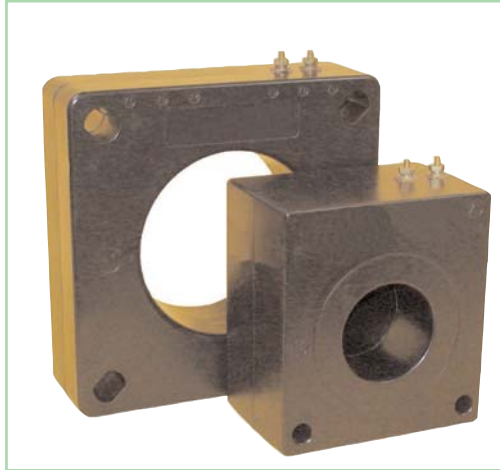
Trip currents of 10,15,20 & 75 Amperes.
Trip current tolerance is ± 20 percent.

FREQUENCY: 50/60 Hz.

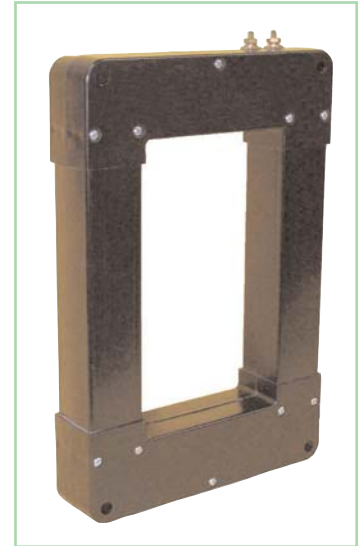
INSULATION LEVEL:

600 Volt, 10 kV BIL full wave.
Terminals are brass studs
No. 8-32.

Only for use with GFA relay.

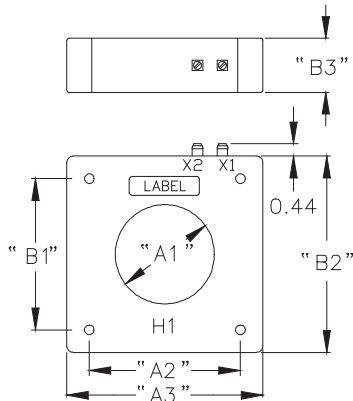


TOROIDAL SENSORS

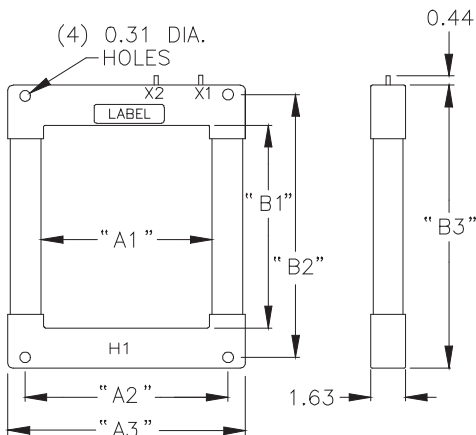


RECTANGULAR SENSORS

- The Combination of any of the sensors below and the **GFA** relay offers low cost ground fault protection in a self-powered, reliable system. When ordering specify sensor model number and relay part number.
- Mounting bracket kits are available for all toroidal sensors except the **Model GFA 156** which has molded mounting feet.



TRIP CURRENT	MODEL NUMBER	"A1"	"A2"	"A3"	"B1"	"B2"	"B3"
10 AMP	GFA 200	2.00	3.75	4.63	N/A	5.10	3.00
15 AMP	GFA 400	4.00	5.62	7.00	5.62	7.00	2.17
20 AMP	GFA 156	1.56	N/A	4.08	N/A	4.56	2.10
20 AMP	GFA 213	2.13	3.50	4.50	N/A	4.88	2.19
20 AMP	GFA 425	4.25	5.44	6.73	5.43	6.73	1.28



TRIP CURRENT	MODEL NUMBER	"A1"	"A2"	"A3"	"B1"	"B2"	"B3"
75 AMP	GFA 041X 071	4.1	6.4	7.3	7.1	10.0	10.9
75 AMP	GFA 051X 071	5.1	7.2	8.3	7.1	10.0	10.9
75 AMP	GFA 058X 071	5.8	7.0	9.0	7.1	10.0	10.9
75 AMP	GFA 080X 071	8.0	9.5	11.1	7.1	10.0	10.9

MODEL	BRACKET KIT
GFA 200	0221B00541
GFA 400	0221B00185
GFA 213	0221B00777
GFA 425	0221B00187

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