



RH99M



RH99P



PA50



SA200

Vigirex™ Ground-Fault Relay System

The Vigirex ground-fault relays, with associated sensors (current transformers), measure the residual current in an electrical installation to detect levels which may be damaging. When used for protection, they cause an associated circuit breaker or switch to interrupt the supply of power to the protected system. They may also be used for monitoring only, with output to an alarm. The product line includes fixed sensitivities from 30 mA to 1 A and adjustable sensitivities up to 30 A.

The Vigirex relays may be easily mounted on DIN rail or may be panel mounted in a meter cutout. Sensors for conductors range from a little more than an inch diameter toroids, to large rectangular sensors measuring 6 x 18 inches. The compact size of the relay and its sensor make it ideal for protection of OEM equipment as well as branch circuits.

Vigirex Ground-Fault Relays (UL 1053 Listed)

Model	Delay	Reset	Control Voltage	Sensitivity	Catalog No.	Price
DIN Rail Mounted						
RH10M	Instantaneous	Manual	12–24 Vac/12–48 Vdc	30 mA 100 mA 300 mA 500 mA 1 A	56300 56302 56305 56306 56307	\$1325.
			110–130 Vac	30 mA 100 mA 300 mA 500 mA 1 A	56320 56322 56325 56326 56327	1325.
			220–240 Vac	30 mA 100 mA 300 mA 500 mA 1 A	56330 56332 56335 56336 56337	1325.
RH21M	Instantaneous or 60 mSec (2 settings)	Manual	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac	30 mA or 300 mA (2 settings)	56360 56362 56363	1575.
RH99M	Adjustable (9 settings): 0, 0.06, 0.15, 0.23, 0.31, 0.5, 0.8, 1.0, 4.5 sec	Manual	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac	Adjustable (9 settings): 0.03, 0.1, 0.3, 0.5, 1, 3, 5, 10, 30 A	56370 56372 56373	1800.
		Automatic	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac		56390 56392 56393	1800.
Panel Mounted						
RH10P	Instantaneous	Manual	12–24 Vac/12–48 Vdc	30 mA 100 mA 300 mA 500 mA 1 Amp	56400 56402 56405 56406 56407	1375.
			110–130 Vac	30 mA 100 mA 300 mA 500 mA 1 Amp	56420 56422 56425 56426 56427	1375.
			220–240 Vac	30 mA 100 mA 300 mA 500 mA 1 A	56430 56432 56435 56436 56437	1375.
RH21P	Instantaneous or 60 mSec (2 settings)	Manual	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac	30 mA or 300 mA (2 settings)	56460 56462 56463	1625.
RH99P	Adjustable (9 settings): 0, 0.06, 0.15, 0.23, 0.31, 0.5, 0.8, 1.0, 4.5 sec	Manual	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac	Adjustable (9 settings): 0.03, 0.1, 0.3, 0.5, 1, 3, 5, 10, 30 A	56470 56472 56473	1875.
		Automatic	12–24 Vac/12–48 Vdc 110–130 Vac 220–240 Vac		56490 56492 56493	1875.

Sensors for Vigirex Ground-Fault Relays

Sensors	Type	Maximum Current	Inside Diameter		Catalog No.	Price
			IN	mm		
Closed Toroids, type A	TA30	65 A	1.18	30	50437	\$ 250.
	PA50	85 A	1.97	50	50438	325.
	IA80	160 A	3.15	80	50439	410.
	MA120	250 A	4.72	120	50440	555.
	SA200	400 A	7.87	200	50441	835.
	GA300	630 A	11.81	300	50442	1530.
Split toroids, type OA	POA▲	85 A	1.81	46	50485	1145.
	GOA	250 A	4.33	110	50486	2010.
Rectangular sensors	280 x 115	1600 A	11.02 x 4.53	280 x 115	56053	3555.
	470 x 160	3200 A	18.50 x 6.30	470 x 160	56054	4725.

▲ POA and GOA are not UL recognized