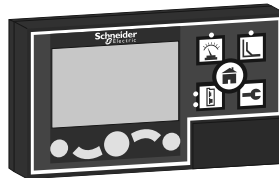
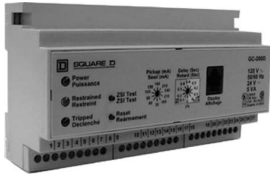


GC-200 Ground-fault Relay System

The GC-200 Ground-fault relay system protects a grounded distribution system from low-level arcing ground faults. The system includes the GC-200 relay, a sensor (current transformer) and optional GC DSP display and is used with a bolted pressure switch or circuit breaker to open a circuit upon detection of a ground fault.



GC-200 Relays Features

- Five models with sensitivities suitable for main, feeder or branch circuits
- Adjustable Pickup and Time Delay settings
- I2t -- Inverse Time Characteristics
- ZSI -- Zone Selective Interlocking
- ZSI Push-to-Test with Signal Indication
- Two sets of Contacts (1 Form A ;10A@ 120Vac. and 1 Form C; 5A@ 120Vac.N/O, 1 N/C)
- Auxiliary Trip Input Terminals
- External Battery Backup Connection
- Small non-metallic enclosure mounts on DIN rail

GC DSP Display (Optional) Features

- LCD Back Lit Display
- Surface (Panel) Mounted
- Local Display of System Parameters
- "Fine tuning" Adjustment of Ground Fault Relay Settings
- Remote Testing of Ground Fault Relay
- Remote Resetting of Ground Fault Relay

Sensors

- Zero sequence sensing current transformers for all phases and neutral
- Several sizes of toroids and rectangular CTs
- Many are split-core or open frame for ease of installation.

Catalogue Number	Pickup Settings									
GC-200C	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
GC-200D	30A	90A	90A	120A	150A	180A	210A	240A	270A	300A
GC-200E	120A	240A	360A	480A	600A	720A	840A	960A	1080A	1200A

Catalogue Number	Time Delay Settings (Sec)				
All Types	Inst.	0.10	0.20	0.30	0.40

Catalogue Number	Description	Price
GC-200C	3.0 - 30A Relay	
GC-200D	30A - 300A Relay	
GC-200E	120A - 1200A Relay	
GC2 DSP**	GC-200 Display	
VW3A1104R10	1m display cable	
VW3A1104R30	3m display cable	
VW3A1104R5	5m display cable	
VW3A1104R100	10m display cable	

** Note: GC12 12' cable shipped standard with GC DSP display units.



T3B Toroid Sensor



GT912 Rectangular Sensor

Relay Catalogue Number	Sensor Catalogue Number	Type	CT Ratio	Window Dimensions		Price
				IN	mm	
GC200C GC200D	T2A T3A T3AS T6A T6AS T9A	Toroid Toroid Toroid, split-core Toroid Toroid, split-core Toroid	1000:1	1.875 dia. 2.75 dia. 2.625 dia. 5.75 dia. 5.75 dia. 8.75 dia.	48 dia. 70 dia. 67 dia. 146 dia. 146 dia. 222 dia.	
	R713A R417A R826A	Rectangular		7.5 x 13.5 4.25 x 17.625 8 x 26.5	191 x 343 108 x 448 203 x 674	
All "A" type sensors above, plus:						
GC200E	RZ511 RZ521 RZ531 RZ535	Rectangular, Open Frame	1000:1 1000:1 1000:1 1000:1	4.5 x 11 4.5 x 21 4.5 x 31 4.5 x 35	114 x 280 114 x 534 114 x 788 114 x 890	
	RZ1011 RZ1021 RZ1031	Rectangular, Open Frame	1000:1 1000:1 1000:1	10.5 x 11 10.5 x 21 10.5 x 31	267 x 280 267 x 514 114 x 788	
	GT912 GT918 GT930	Rectangular, Open Frame	600:1 600:1 600:1	5.5 x 8.5 5.5 x 14.5 5.5 x 26.5	140 x 216 140 x 368 140 x 673	
	GT1218 GT1224 GT1230	Rectangular, Open Frame	600:1 600:1 600:1	8.5 x 14.5 8.5 x 20.5 8.5 x 26.5	216 x 368 216 x 521 292 x 673	
	GT1327 GT1330	Rectangular, Open Frame	600:1 600:1	9.5 x 24 9.5 x 27	241 x 610 241 x 686	
	GT1530	Rectangular, Open Frame	600:1	11.5 x 26.5	292 x 673	