

GF-02 : GROUND-FAULT COMPARISON SHEET

Features	SE-701	A-B 1409	C-H GFU or P&C 11K	Skymatic GFR-3	MGFR
Status					
Trip LED	Yes	No	Yes	No	Yes
Trip Inhibit (Class I/Class II)	11xCT-Primary Rating	Yes	10 A Max.	No	3 Models Only
Power-On LED	Yes	Yes	Yes	No	YEs
Outputs					
Analog Output	0 - 5 V	No	Yes	No	No
Output Contacts	Isolated N.O. and N.C.	Form C	Isolated N.O. and N.C.	2-Form C	Form C
Failsafe/Non-Failsafe Operation	Yes	Yes	Yes	No	No
Input					
5-A Secondary CT's	Yes	Special	No	Yes	Special
1-A Secondary CT's	Yes	No	Yes	No	No
Sensitive Nickel Core	50 mA-4.95 A	No	No	No	No
Set-Point Range	1%-99% of CT-Pri Rating	1 A - 6 A	10 mA - 6.4 A ¹	0.25 A - 30 A ²	10 mA - 1200 A ³
Trip Times	50 ms - 2.5 s	50 ms	50 ms - 3.15 s ¹	50 ms	Inst. - 5 s ³
Mounting					
Surface Mount	Yes	Yes	Yes	Yes	No
Panel Mount	Yes	No	No	No	Yes
Din Rail Mount	Yes	No	Yes	Yes	No
Other Features					
Microprocessor Based	Yes	No	No	No	Yes
Functional Test Switch	Yes	No	Yes	No	Yes
Reset Switch/Single Shot	Yes/Yes	Yes/No	Yes/No	No/No	Yes/No
Remote Reset/Single Shot	Yes/Yes	No/No	No/No	Yes/No	No/No
Size	75 x 55 x 115 (mm)	90 x 154 x 111 (mm)	75 x 100 x 70 (mm)	50 x 70 x 100 (mm)	160 x 108 x 120 (mm)
Discrete Fourier Transform (DFT) Algorithm ⁴	Yes	No	No	No	No
CT Detection on EFCT Series CT	Yes	No	No	No	No
Environment					
Operating Temperature	-40°C +60°C	0°C +65°C	-35°C +66°C	-10°C +55°C	0°C +70°C
Tests					
CSA/UL	Yes	Yes	Yes	Yes	Yes
ANSI/IEEE C37.90.1 - 1989	Yes	No	No	No	No

¹ 3 Models

² 6 Models

³ 6 Models

⁴ Trips or alarms on the fundamental and filters out harmonics