



TECHNICAL INFORMATION

TITLE: GROUND-FAULT COMPARISON SHEET

FEATURES	STARTCO SE-701	A-B 1409	C-H GFU or P&C 11K	SKYMATIC GFR-3	MGFR
STATUS:					
Fluorescent Flag	Yes	No	No	No	1 Model Only
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:					
CT's					
5-A Secondary	Yes	Special	No	Yes	Special
1-A Secondary	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*	0.25 A-30 A*	10 mA-1200 A*
Trip Times	50 ms - 2.5 s	50 ms	50 ms-3.15 s*	50 ms	Inst. - 5 s*
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	75x55x115 mm	90x154x111 mm	75x100x70 mm	50x70x100 mm	160x108x120mm
Discrete Fourier Transform (DFT) Algorithm *	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

- * - 3 Models
- * - 6 Models
- * - 6 Models
- * - Trips or alarms on the fundamental and filters out the harmonics.

DATE	REV	AUTHOR	DOCUMENT LOCATION	PAGE
2003-Jul-21	4	JG	http://www.startco.ca/library/techinfo/section10/10.1.pdf	1 of 1