

Circuit Breaker Testing Solutions

Automated Calibration and Verification Stands



- GFCI/AFCI Circuit Breaker Test and Calibration Solutions (0-100Amp)
- Residential Circuit Breaker Test Solutions
- Molded Case Circuit Breaker Test Solutions
- Vacuum Bottle Test Solutions
- Contactor/Overload/Motor Starter Test Solutions
- Medium Voltage Breaker Test Solutions
- AIR Circuit Breaker Test Solutions

Test & Controls International

Quality Solutions



AFCI Calibration Machine									
MODEL PARAMETERS			YIELD COUNTERS						
MODEL #:	32130		Tested	Accepted	Low %	High %	Ave. Trip	Yield %	
Current Rating:	30.0	Amps	Fixture #1:	0	0	0.0	0.0	0.0	100.0
mV Low Limit:	0.700	mV	Fixture #2:	0	0	0.0	0.0	0.0	100.0
mV High Limit:	0.900	mV	Fixture #3:	0	0	0.0	0.0	0.0	100.0
Cold Calibration Backof	232.0	Degrees	Fixture #4:	0	0	0.0	0.0	0.0	100.0
Trip Point Over Travel:	232.0	Degrees	Fixture #5:	0	0	0.0	0.0	0.0	100.0
Verification Current:	69.0	Amps	Fixture #6:	0	0	0.0	0.0	0.0	100.0
Minimum Time to Trip:	11.0	Seconds	Fixture #7:	0	0	0.0	0.0	0.0	100.0
Low Limit Time to Trip:	15.0	Seconds	Fixture #8:	0	0	0.0	0.0	0.0	100.0
High Limit Time to Trip:	19.0	Seconds	All Fixtures:	0	0	0.0	0.0	0.0	100.0
Maximum Time to Trip:	23.0	Seconds							
Feedback Count:	5	Samples							
Preset Factor:	1.0	Deg/Sec							
Low Factor:	12.0	Deg/Sec							
High Factor:	23.0	Deg/Sec							

Fixture #1	Fixture #2	Fixture #3	Fixture #4	Fixture #5	Fixture #6	Fixture #7	Fixture #8
Retest Mode	Retest Mode	Calibrate Mode	Calibrate Mode	Calibrate Mode	Calibrate Mode	Calibrate Mode	Calibrate Mode
232 deg	232 deg	232 deg	232 deg	232 deg	232 deg	232 deg	232 deg
00.0 sec	00.0 sec	00.0 sec	00.0 sec	00.0 sec	00.0 sec	00.0 sec	00.0 sec
00.0 A	00.0 A	00.0 A	00.0 A	00.0 A	00.0 A	00.0 A	00.0 A
CURRENT OFF	CURRENT OFF	CURRENT OFF	CURRENT OFF	CURRENT OFF	CURRENT OFF	CURRENT OFF	CURRENT OFF
IDLE	IDLE	IDLE	IDLE	IDLE	IDLE	IDLE	IDLE

Features

- Real time current source control
- PC and PLC based system design
- Ethernet/internet capabilities
- Model Configuration SQL database
- Test result database storage
- WEB based test reports
- SQL database interface
- Manual and Automated Test Solutions
- On-site installation and training
- Rigorous pre-delivery testing
- Comprehensive training locally
- Detailed hardware diagnostics
- Complete documentation
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- Medium Circuit Breaker Test and Calibration Solutions (0-12,000 Amps)
- Modbus Communication
- Auxiliary I/O
- SQL Database
- Undervoltage Operator Verification(0-600V (AC/DC) configuration)
- Motor Operator Testing 0-600 V (AC/DC)
- Close Coil Testing
- Shunt Trip Testing
- Protection Testing