



DET007 INSTRUCTIONS

U/L Requirements

Testing - Circuit Breakers - 3 Pole 600V.A.C.

Test Parameter Frame GROUP1	150A	225A	600A	1200A	2000A	2500A	3000A	4000A
1. Calibration 200% 135% 100%	6Min. W-2HR Must Not Trip	10Min. W-2HR Must Not Trip	14Min. W-2HR	24Min. W-2HR	28Min. W-2HR	30Min. W-2HR	30Min. W-2HR	30Min. W-2HR
2. Overload Amperes Operations Amperes Operations Total Operations	900 50 - - 50	1350 50 - - 50	3600 50 - - 50	7200 50 - - 50	12000 25 - - 25	15000 25 - - 25	18000 3 6000 25 28	24000 3 8000 25 28
3. Temperature Max. Temp. Rise on Conductors At C/B C Test Conductor Temp. Rating C	50° 75°	50°	50°	50°	50°	50°	50°	50° 75°
4. Endurance Test Load Amperes No. of Operations No Load No. of Operations Total Operations	150 4000 4000 8000	225 4000 4000 8000	600 1000 5000 6000	1200 500 2000 2500	2500 500 2000 2500	2500 500 2000 2500	3000 400 1100 1500	4000 400 1100 1500
5. Recalibration 200% 135%	X X	X X	X X	X X	X X	X X	X X	X X
6. Short Circuit St'd U/L Test Amperes/P.F. (Common) Amperes/P.F. (Each Pole) (a) Operations (Common) (b) Operations (Each Pole)	10K 45-50% 8660 45% 2 2	10K 45-50% 8660 45% 2 2	10K 45-50% 8660 45% 2 2	14K 25-30% 12120 25-30% 2 2	25K 15-20% 14K 25-30% 1 2	30K 15-20% 20K 25-30% 1 2	35K 15-20% 25 15-20% 1 2	45K 15-20% 30K 15-20% 1 2
7. Trip Out 200%	X	X	X	X	X	X	X	X
8. Dielectric @ 2200 Volts High Break Ratings GROUP II New Sample	X	X	X	X	X	X	X	X
1. Calibration 200%	X	X	X	X	X	X	X	X
2. Short Circuit HiBreak® Ratings vary depending on circuit breaker line and frame size- Consult BUYLOG. Tests are on "O" operation and a "CO" Operation, 3-Phase.	18K	22K	25K	25K	85K	85K	85K	85K
3. Recalibration 250% - Same Trip Time As 200% Calibr.	X	X	X	X	X	X	X	X
4. Dielectric 1200 Volts	X	X	X	X	X	X	X	X

ABB Inc.

 305 Gregson Drive
 Cary, NC 27511.
 electrification.us.abb.com

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