

CALIBRATION DATA

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE

SURFACES ✓	2 PL DEC ±	3 PL DEC ±	ANGLES ± DEG
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FIRST MADE FOR **T-1 & T-12 CIRCUIT BREAKERS**

REVISIONS

BREAKER KVA		ULTI-MATE RISE	TYPE	CALIBRATION	BIMETAL RESIST OHMS/CM FT = G	TRIP TEMP = °C			
120/240	240/480					LIGHT NORMAL	EMERGENCY	BREAKER NORMAL	EMERGENCY
5	10	1	T1	2540K126	500	120	135	145	160
7.5	15	1	T1	2540K127	250	120	135	145	160
10	-	1	T1	2540K128	150	125	140	150	165
15	-	1	T1	2540K129	70	128	143	153	168
-	25	1	T1	2540K134	150	140	155	165	180
-	37.5	1	T1	2540K135	50	135	150	160	175
25	50	1	T1/T12	2540K075	30	135	150	160	175
37.5	75	2	T12	2540K130	30	135	150	160	175
50	100	2	T12	2540K131	20	135	150	160	175

CHG 5 KVA FRM - TO 10 (240/480 COLUMN)
 CHG 10 KVA FRM 5 TO - (240/480 COLUMN)
 CHG 15 KVA FRM 7.5 TO - (240/480 COLUMN)

STULPIN
 18-OCT-99

3

traced to acad

K. Carroll
 16-Dec-96

1

ERMCO-V

PRINTS TO

STULPIN
 28-JAN-99

2

RECALIBRATION TO NEW TRIP TEMPERATURE

$$I_{NEW} = I_{OLD} \sqrt[1.692]{\frac{T_2 - T_0}{T_1 - T_0}}$$

I_{NEW} = NEW CALIB CURRENT
 I_{OLD} = OLD CALIB CURRENT
 T₂ = NEW TRIP TEMP C°
 T₁ = OLD TRIP TEMP C°
 T₀ = OIL TEMP C°

ULTIMATE RISE CALC

$$\textcircled{1} TU = 28 \left(\frac{G}{30}\right)^{.845} \left(\frac{I}{200}\right)^{1.692}$$

$$\textcircled{2} TU = 8.73 \left(\frac{G}{20}\right)^{.845} \left(\frac{I}{200}\right)^{1.692}$$

NOTES:

1. FOR OUTLINE DRAWING OF CIRCUIT BREAKERS SEE B2551J102.

MADE BY: **G. Davis 07-June-88**
 ISSUED BY: **S. STULPIN 28-JAN-99**

APPROVALS

HICKORY
ERMCO

3101A 2541K067
CONT ON SH SH