

No.		REQUIRED VALUE	GUARANTEED SPECS						
1	Name of manufacturer		ELECTRICOS INTERNACIONAL LTDA						
2	Brand		LUHFSEY						
3	Country of origin		BOGOTA - COLOMBIA						
4	Standard applicable	IEEE Std C37,41:2008 / IEEE Std C37,42:2009	IEEE Std C37,41:2008 / IEEE Std C37,42:2009 / IEC 60,282-2						
5	Certification	5.1 Quality system certification	ISO 9001/2		CN 0110057141731593 - CN 0110457141731593 - CN 0111357141731593 TUV Rheinland.				
		5.2 Product certification	YES/NOT		YES - ICONTEC - CERTIFICATES No. CSC-CER416578 / CSC-CER416582 / CSR-CER416583				
6	Electrical characteristics	6.1 Frequency (Hz)	50 - 60		50 - 60				
		6.2 Rated operational voltage (kV)	15 - 38		15 - 38				
		6.3 Rated continuous current (A)	1 - 200		1 - 200				
		6.4 Type of characteristic curve	T		T - SLOW ELEMENT.				
		6.5 Time - current characteristic		300 Sec Minimum	300 Sec Maximum	10 Sec Minimum	10 Sec Maximum	0,1 Sec Minimum	0,1 Sec Maximum
		6.5.1 Type "T" 1 A; 15-38 kV; Removable or solid head		2	2,4	-	11	-	100
		6.5.2 Type "T" 2 A; 15-38 kV; Removable or solid head		4	4,8	-	11	-	100
		6.5.3 Type "T" 3 A; 15-38 kV; Removable or solid head		6	7,2	-	11	-	100
		6.5.4 Type "T" 4 A; 15-38 kV; Removable or solid head		8	9,6	10	12,5	48	58
		6.5.5 Type "T" 5 A; 15-38 kV; Removable or solid head		10	11,6	11,6	17	95	125
		6.5.6 Type "T" 6 A; 15-38 kV; Removable or solid head		12	14,4	15,3	23	120	144
		6.5.7 Type "T" 8 A; 15-38 kV; Removable or solid head		15	18	20,5	31	166	199
		6.5.8 Type "T" 10 A; 15-38 kV; Removable or solid head		19,5	23,4	26,5	40	224	269
		6.5.9 Type "T" 12 A; 15-38 kV; Removable or solid head		25	30	34,5	52	296	355
		6.5.10 Type "T" 15 A; 15-38 kV; Removable or solid head		31	37,2	44,5	67	388	466
		6.5.11 Type "T" 20 A; 15-38 kV; Removable or solid head		39	47	57	85	496	595
		6.5.12 Type "T" 25 A; 15-38 kV; Removable or solid head		50	60	73,5	109	635	762
		6.5.13 Type "T" 30 A; 15-38 kV; Removable or solid head		63	76	93	138	812	975
		6.5.14 Type "T" 40 A; 15-38 kV; Removable or solid head		80	96	120	178	1040	1240
		6.5.15 Type "T" 50 A; 15-38 kV; Removable or solid head		101	121	152	226	1310	1570
		6.5.16 Type "T" 65 A; 15-38 kV; Removable or solid head		128	153	195	291	1650	1975
6.5.17 Type "T" 80 A; 15-38 kV; Removable or solid head		160	192	248	370	2080	2500		
6.5.18 Type "T" 100 A; 15-38 kV; Removable or solid head		200	240	319	475	2620	3150		
6.5.19 Type "T" 140 A; 15-38 kV; Removable or solid head		310	372	520	775	4000	4800		
6.5.20 Type "T" 200 A; 15-38 kV; Removable or solid head		480	576	850	1275	6250	7470		
7	Construction characteristics	7.1 Overall length of the fuse link (Inches)	510 mm (20") - 700 mm (28")		510mm(20") - 700mm(28")				
		7.2 Diameter of the button head contact (Inches)	12,7 mm (1/2")-19,1 mm (3/4").		12,7 mm(1/2")-19,1 mm (3/4").				
		7.3 Vulcanized fiber tube length (Inches)	120mm (4,72") - 240 mm (9,44")		120 mm(4,72") - 240 mm (9,44")				
		7.4 Current responsive element	Copper		COPPER				
		7.5 Flexible conductor cable	Tinned copper		UNINSULATED TINNED COPPER				
			Cable conformation and weight	1 - 15 A		7 * 11 Ø 0,20 mm		12 g	
				20 - 30 A		7 * 17 Ø 0,20 mm		17 g	
			40 - 50 A		7 * 35 Ø 0,20 mm		42 g		
			65 - 100 A		7 * 61 Ø 0,20 mm		75 g		
		140 - 200 A		7 (7*25) Ø 0,20 mm		164 g			
		Not interfere with the operation of cutouts		CONDUCTOR CABLE PROVIDE SUFFICIENT FLEXIBILITY NOT TO INTERFERE WITH THE OPERATION OF CUTOUTS AND GUARANTEES NOT TO HAVE LOOSE OR BROKEN WIRES					
7.6 Button solid or removable head	Copper		COPPER - SILVER PLATED						
	Protects against galvanic corrosion		THE HEAD OR BUTTON HAS SILVER PLATING AVOIDING GC						
7.7 Protective tube	Vulcanized fiber		VULCANIZED FIBER						
	Confined gases		THE TUBE IS PLASTIC COATED MOISTURE RESISTANT. THE TUBE HAS A CLAMP RING TO PREVENT REMOVAL OF THE WASHER AND CONFINE THE GASES AT THE TIME OF THE INTERRUPTION						
7.8 Wire strength	Stainless Steel		STAINLESS STEEL - RESIST THE TENSILE STRESSES UNDER MOST CONDITIONS						
8	Presents test reports in our laboratory	8.1 Own laboratory	YES / NOT		YES - LABORATORY OF ELECTRICOS INTERNACIONAL LTDA				
		8.2 Attached oscillograph of test 0,1 second melting	YES / NOT		YES				
		8.3 Allows factory inspection	YES / NOT		YES				
		8.4 External laboratory	YES / NOT		YES 1. POWERTECH LABS INC - CANADA				
					2. ITE- INSTITUTO DE TECNOLOGIA ELECTRICA - ESPAÑA				
					3. I.P.S.E.P. INSTITUTO DE PROTECCIONES DE SISTEMAS ELECTRICOS DE POTENCIA - RIO CUARTO ARGENTINA				
8,5 Current accreditation	YES / NOT		YES - NUMBER OF ACCREDITATION: 12-LAB-055 ONAC - INTERNATIONAL STANDARDS IEEE C37,41:2008 - IEEE C37,42: 2009.						