

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		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)	0,4 - 21,0		0,4 - 21,0				
		6.4 Type of characteristic curve	SR		SR - SLOW RAPID DUAL.				
		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 "SR" 0,4 A; 15-38 kV; Removable or solid head		1,2	1,5	5,8	6,7	36	45
		6.5.2 Type "SR" 0,6 A; 15-38 kV; Removable or solid head		1,9	2,3	8,5	9,8	41	49
		6.5.3 Type "SR" 0,7 A; 15-38 kV; Removable or solid head		2,1	2,5	9,4	11	43	52
		6.5.4 Type "SR" 1,0 A; 15-38 kV; Removable or solid head		3,1	3,6	13,5	16	60	74
		6.5.5 Type "SR" 1,3 A; 15-38 kV; Removable or solid head		3,9	4,5	16	19	68	84
		6.5.6 Type "SR" 1,4 A; 15-38 kV; Removable or solid head		4,2	5	17	20	72	90
		6.5.7 Type "SR" 1,6 A; 15-38 kV; Removable or solid head		4,8	5,8	21	25	90	110
		6.5.8 Type "SR" 2,1 A; 15-38 kV; Removable or solid head		6,3	7,5	29	34	110	140
		6.5.9 Type "SR" 3,1 A; 15-38 kV; Removable or solid head		9,6	12	38	44	155	190
		6.5.10 Type "SR" 3,5 A; 15-38 kV; Removable or solid head		11	13	41	47	165	203
		6.5.11 Type "SR" 4,2 A; 15-38 kV; Removable or solid head		13	15	46	55	210	250
		6.5.12 Type "SR" 5,2 A; 15-38 kV; Removable or solid head		15	18	57	66	250	310
		6.5.13 Type "SR" 6,3 A; 15-38 kV; Removable or solid head		18	21	64	74	300	365
		6.5.14 Type "SR" 7,0 A; 15-38 kV; Removable or solid head		21	24	67	80	310	390
6.5.15 Type "SR" 7,8 A; 15-38 kV; Removable or solid head		24	28	82	96	400	475		
6.5.16 Type "SR" 10,4 A; 15-38 kV; Removable or solid head		29	34	98	115	500	620		
6.5.17 Type "SR" 14,0 A; 15-38 kV; Removable or solid head		44	52	132	158	580	720		
6.5.18 Type "SR" 21,0 A; 15-38 kV; Removable or solid head		69	82	185	225	940	1100		
7	Construction characteristics	7.1 Overall length of the fuse link (Inches)	510 mm (20") - 700 mm (28")		510" (20") - 700" (28")				
		7.2 Diameter of the button head contact (Inches)	12,7mm (1/2")-19,1mm (3/4").		12,7 (1/2")-19,1 (3/4").				
		7.3 Vulcanized fiber tube length (Inches)	120mm(4,72") - 240mm (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 HAS ADDED A WELDING SECTION TO AVOID THE INTERFERENCE WITH THE OPERATION OF CUTOUTS AND GUARANTEES POSITIVE EXPULSION						
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 Accredited laboratory	YES / NOT		YES				
		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.						