

No.		REQUIRED VALUE	GUARANTEED SPECS						
1	Name of manufacturer		ELECTRICOS INTERNACIONAL LTDA						
2	Brand		LUHFSEER						
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/NO		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 - 100		1 - 100				
		6.4 Type of speed characteristic curve	H		H - VERY FAST ELEMENT.				
		6.5 Time - current characteristic		300 Sec	300 Sec	10 Sec	10 Sec	0,1 Sec	0,1 Sec
				Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
		6.5.1 Type "H" 1 A; 15-38 kV; Removable or solid head		2	2,4	2,4	3	17,5	21
		6.5.2 Type "H" 2 A; 15-38 kV; Removable or solid head		3,4	4	4,1	4,8	30	36
		6.5.3 Type "H" 3 A; 15-38 kV; Removable or solid head		4	4,8	4,9	5,8	38	46
		6.5.4 Type "H" 4 A; 15-38 kV; Removable or solid head		5,6	6,7	6,7	8	42	50
		6.5.5 Type "H" 5 A; 15-38 kV; Removable or solid head		7	8,4	8,4	9,6	48	74
		6.5.6 Type "H" 6 A; 15-38 kV; Removable or solid head		8,4	10	9	11	48	74
		6.5.7 Type "H" 7 A; 15-38 kV; Removable or solid head		9,8	11,7	11	13,8	56	74
		6.5.8 Type "H" 8 A; 15-38 kV; Removable or solid head		11,2	13,5	12	14,5	61	74
		6.5.9 Type "H" 10 A; 15-38 kV; Removable or solid head		14	17	16	20	78	94
		6.5.10 Type "H" 12 A; 15-38 kV; Removable or solid head		17	20,5	19	23	91	110
		6.5.11 Type "H" 15 A; 15-38 kV; Removable or solid head		21	25	24	29	113	136
		6.5.12 Type "H" 20 A; 15-38 kV; Removable or solid head		28	34	32	39	142	171
		6.5.13 Type "H" 25 A; 15-38 kV; Removable or solid head		35	42	40	48	168	201
		6.5.14 Type "H" 30 A; 15-38 kV; Removable or solid head		42	50	48	58	210	252
6.5.15 Type "H" 40 A; 15-38 kV; Removable or solid head		56	67	65	78	288	346		
6.5.16 Type "H" 50 A; 15-38 kV; Removable or solid head		70	84	80	97	329	395		
6.5.17 Type "H" 65 A; 15-38 kV; Removable or solid head		91	110	108	130	497	598		
6.5.18 Type "H" 80 A; 15-38 kV; Removable or solid head		112	135	130	156	719	862		
6.5.19 Type "H" 100 A; 15-38 kV; Removable or solid head		140	168	160	200	1000	1200		
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") - 240mm(9,44")		120 mm(4,72") - 240 mm (9,44")				
		7.4 Current responsive element	Copper		COPPER				
		7.5 Flexible conductor cable	Cable formation and weight	Tinned copper		UNINSULATED TINNED COPPER			
						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 interference 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 Strain wire	Stainless steel		STAINLESS STEEL - RESIST THE TENSILE STRESSES UNDER MOST CONDITIONS						
8	Lab Test reports	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 inter 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 2018 - STANDARDS IEEE C37,41:2008 - IEEE C37,42: 2009.						