

No.		REQUIRED VALUE	GUARANTEED SPECS						
1	Name of manufacturer		ELECTRICOS INTERNACIONAL LTDA						
2	Brain		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/NO		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)	1,5 - 100		1,5 - 100				
		6.4 Type of characteristic curve	VS		VS - VERY 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 "VS" 1,5 A; 15-38 kV; Removable or solid head		3	3,6	7,5	9,6	60	80
		6.5.2 Type "VS" 2 A; 15-38 kV; Removable or solid head		4	5,1	10,5	13	70	105
		6.5.3 Type "VS" 3 A; 15-38 kV; Removable or solid head		5,8	7	16,5	21	125	170
		6.5.4 Type "VS" 4 A; 15-38 kV; Removable or solid head		8	9,5	20	25	145	200
		6.5.5 Type "VS" 5 A; 15-38 kV; Removable or solid head		10	12,5	23	31,5	170	240
		6.5.6 Type "VS" 6 A; 15-38 kV; Removable or solid head		12	15	28	37	210	310
		6.5.7 Type "VS" 7 A; 15-38 kV; Removable or solid head		14	17,5	32	40	270	390
		6.5.8 Type "VS" 8 A; 15-38 kV; Removable or solid head		16	20	36,5	46	340	420
		6.5.9 Type "VS" 10 A; 15-38 kV; Removable or solid head		18	24,5	46	58	410	545
		6.5.10 Type "VS" 12 A; 15-38 kV; Removable or solid head		23	31	53	67	470	640
		6.5.11 Type "VS" 15 A; 15-38 kV; Removable or solid head		30	38	61	74	545	720
		6.5.12 Type "VS" 20 A; 15-38 kV; Removable or solid head		40	50	80	105	680	900
		6.5.13 Type "VS" 25 A; 15-38 kV; Removable or solid head		49	62	99	125	900	1150
		6.5.14 Type "VS" 30 A; 15-38 kV; Removable or solid head		58	78	117	150	1100	1450
		6.5.15 Type "VS" 40 A; 15-38 kV; Removable or solid head		80	100	155	185	1400	1800
6.5.16 Type "VS" 50 A; 15-38 kV; Removable or solid head		100	124	190	230	1800	2300		
6.5.17 Type "VS" 65 A; 15-38 kV; Removable or solid head		130	160	260	310	2300	3000		
6.5.18 Type "VS" 80 A; 15-38 kV; Removable or solid head		160	190	310	370	2800	3800		
6.5.19 Type "VS" 100 A; 15-38 kV; Removable or solid head		200	255	380	460	3600	4800		
7	Construction characteristics	7.1 Overall length of the fuse link (Inches)	510 mm (20") - 700 mm (28")		510 mm (20") - 700 mm (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)	120 mm (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 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 ELECTROPLATING						
	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 GAS 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 - 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 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						
8.5 Current accreditation	YES / NOT		ELECTRICOS DE POTENCIA - RIO CUARTO ARGENTINA						
		YES - LABORATORY OF ELECTRIC INTERNATIONAL LTD - NUMBER OF ACCREDITATION: 12-LAB-055 ONAC - INTERNATIONAL STANDARDS IEEE C37,41:2008 - IEEE C37,42: 2009.							