



Transient Tracking Surge Diverter System Line Protector - LSAP10 (8MB/S or 12MHz)

Specification	LSA Protector	
	72V 36V 12V	230V
Modes of Protection	Line~Line and Line~Ground	Line~Line and Line~Ground
Max. Line Current	250mA @ 30°C	350mA @ 30°C
Let through Voltage @5KV 10/700ms	LSAP 10HS-72 <90V LSAP 10HS-36 <58V LSAP 10HS-12 <20V	LSAP 10HS-230 <270V LSAP 1HS-230 <270V (1 Pair only)
Maximum Operating Voltage Line~Line and Line~Ground	LSAP 10HS-72 <65V LSAP 10HS-36 <40V LSAP 10HS-12 <13V	LSAP 10HS-230 <190V LSAP 1HS-230 <190V (1 Pair only)
Maximum Discharge Current (8/20ms current waveform)	A+B~E -20KA A~B - 10KA	A+B~E -20KA A~B - 10KA
Hold Over Current @25°C	<150mA	<150mA
AC discharge @50/60Hz	10 Amps for 1 second maximum or 5 Amps for 2.5 seconds maximum @ 50 Hz	10 Amps for 1 second maximum @ 50 Hz
Insulation Resistance Leakage Current	>5 MW @200VDC <1mA	>10 MW @100VDC <1mA
Capacitance	A~E, B~E <5pF A~B <200pF	A~E, B~E <5pF A~B <350pF
Loop Inductance	--	2mH
Loop Resistance	16.4W	16.4W
Frequency Response 12MHz or 8Mbits	Insertion Loss <0.4dB@100KHz (600W) <3dB@12MHz Return Loss >20dB	Insertion Loss <0.12dB at 600W <3dB@1MHz --
Physical Dimensions Weight Mounting	136mm(W) x 39mm (D) x 25mm (H) 80~100 Grams Krone LSA System	136mm(W) x 39mm (D) x 25mm (H) 80~100 Grams Krone LSA System
LSAP 1HS-230 Dimensions		13.6mm(W) x 3.9mm (D) x 2.5mm (H)
Earthing System	BeCu Spring Clip	BeCu Spring Clip
Temperature Range	0-45°C, 10-95%RH	0-45°C, 10-95%RH
Tested	No Austel Approval For Australia Network (In correct voltage)	ACA TS001-1997, ACA TS002-1997 AS/NZS 3260

All specifications subject to change without notice.

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