

WSB1LE

Series Earth Leakage Circuit Breaker

WSB1LE-63 Earth Leakage Circuit Breakers (ELCB for short) are applied in circuit of AC 50/60Hz, rated voltage AC230/400V, rated current upto 63A, for protection of electric shock and electricity leakage of equipments, also with functions of overload and short circuit protection, for infrequent changeover of the lines under normal circumstance. The products are widely used at places of hotel, house, industrial and mining and similar buildings.

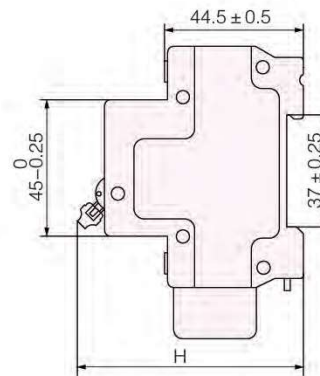
The products meet standards of GB16917.1, GB16917.22



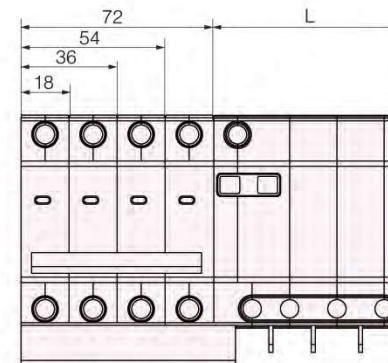
WSB1LE-63 C10



WSB1LE-63 C63



Outline and Mounting Dimension of ELCBs (mm)



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Poles	Air switch +L
4P	72+63
3P+N	54+63
3P	54+50
2P	36+36
1P+N	18+36

Main technical parameters

Model	Rated voltage (V)	Rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Rated residual non action current $I_{\Delta n}$ (mA)	Max breaking time (s)			Rated short circuit breaking capacity (A)	Type of instantaneous releaser
					$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$		
WSB1LE-63	AC230 AC400	6、10、16、20、 25、32、40、50、 63	30	15	0.3	0.15	0.04	4500	C
WSB1LE-63N								6000	
WSB1LE-63H								10000	

Rated current I _n (A)	Test current		Initial state	Test time	Test result	Remarks	Rated residual action current IΔ _n (mA)	Rated residual non action current IΔ _{no} (mA)	Limit undriven time 5IΔ _n (S)
6、10、16、20、 25、32、40、50、63	1.13I _n		Cold	t≤1	Not tripping		30	15	0.04
	1.45I _n		Thermal	t < 1h	tripping	Current rises to the set value in 5s steadily			
	2.55I _n		Cold	1s < t < 60s	tripping	I _n ≤32A			
				1s < t < 120s	tripping	I _n > 32A			
	C	5I _n	Cold	t≤0.1s	Not tripping	Connect the current by closed auxiliary switch			
		10I _n	Cold	t < 0.1s	tripping				