YL10 RCCB

Scope of application

YL10 residual current circuit breaker (without overcurrent protection) is suitable for AC 50Hz, rated voltage 240V for two poles, 415V for four poles, and rated current up to 63A. It can quickly cut off the fault power in a very short time,

To protect the safety of people and electrical equipment, it can also be used for infrequent switching of lines.

Compliant with : GB/T 16916.1, IEC 61008-1, CE, CB marked.



Technical Parameter

Electrical Characteristics

Classification		Protection type		Poles	Rated current (In)	Rated sensitivity (I△n)	Sensitivity		Rated voltage (Ue)
AC	A	ELE	ELM				Instantaneous	Delayed	
■	■	■	■	1P+N,3P+N	25、40、63A	10、30、100、300mA	■	■	1P+N:240V~ 3P+N:415V~

Rated insulation voltage (Ui)	Rated frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	Short-circuit current Inc=I△c	Rated residual non-operating current	Break time(Instantaneous)		
						Residual current I△=1I△n	Residual current I△=2I△n	Residual current I△=5I△n
500V	50/60Hz	4kV	500A (below 63A) 10In(63A and above)	6kA	0.5I△n	0.1s	0.08s	0.04s

Mechanical properties

Mechanical life /Electric life	Protection class		Ambient temperature	Storage temperature
	Direct install	In distribution box		
4000	Ip20	Ip40	-25°C+40°C	-25°C+60°C

Other characteristics

Wiring size		Contact Status Indication	Fault Indication	Circuit identification	Connection	Assemblable accessories
Copper/Hard Wire	Cord/Hoop Terminals					
1-25mm²	1-16mm²	——	——	■	Top and bottom(ELM) Top line(ELE)	——