

EL-SE-SW17-O - SAMITE EARTH LEAKAGE



DESCRIPTION / APPLICATION

EL-SE-SW17-O series RCBO mainly applies to the circuit of AC 50Hz, rated voltage 240V, rated current up to 63A. When electric shock occurs to human, leakage current or voltage in grid exceeds stipulated values, RCBO cuts off the fault power in a very short time to protect the safety of human and electrical equipment, It also with the functions of overload and short circuit protection. In addition, it can switch on and off non frequently the electrical facilities and lighting circuit while the circuit works well. It is in conformity with IEC61009/VC8035 standard.

MAIN TECHNICAL DATA

Electrical Features	Standard		VC8035 IEC61009
	Rated current	A	6, 10, 16, 20, 25, 32, 40, 50, 63A
	Poles		1P+N
	AC Volts	V	230V
	Rated frequency	Hz	50/60
	Rated residual operated current $I_{\Delta n}$	A	0.03A
	Rated limited short circuit current $I_{\Delta c}$	A	4500A
	Rated limited residual short circuit current $I_{\Delta c}$	A	4500A
	Rated residual non-operated current $I_{\Delta no}$		0.5 $I_{\Delta n}$
Mechanical Features	Electrical life expectancy	Times	1000
	Mechanical life expectancy	Times	2000
	Protection degree		IP20
	Best Ambient temperature	°C	30
	Ambient temperature (with daily average $\leq 35^{\circ}\text{C}$)	°C	-30°C to +60°C
Installation	Terminal connection type		Cable/Pin-type busbar
	Connection		Top and bottom
	Tighten torque (max)	Nm	2.0Nm
	Mounting		MINI DIN Rail by means of fast clip device

PART NUMBER EXAMPLE

BASE NUMBER	KA RATING	POLES	AMPERAGE	CURVE
EL-ADL1-63	/	1P+N	63A	/
EXAMPLE	EL-SE-SW17-O-63			

DIMENSIONS AND MOUNTING

