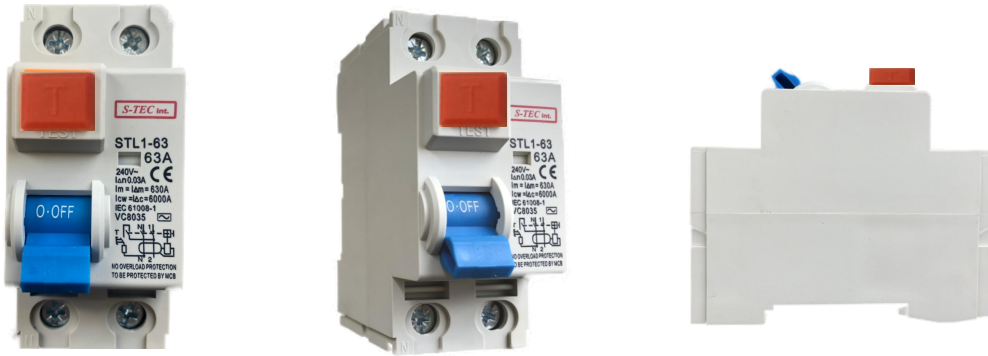


STL1-63 - EARTH LEAKAGE PROTECTION



DESCRIPTION / APPLICATION

STL1-63 series RCCB (without overcurrent protection) applies to AC 50Hz, rated voltage 230V for 2 poles, 415V for 4poles, rated current up to 63A. When electric shock occurs to human or leakage current in grid exceeds stipulated values, RCCB cuts off the fault power in a very short time to protect the safety of human and electrical equipments. It can also function as non frequently switching of circuits. It is in conformity with IEC61008-1 standard.

MAIN TECHNICAL DATA

Electrical Features	Standard		VC8035 IEC61008-1
	Rated current	A	25A,40A,63A
	Poles		1P+N, 3P+N
	AC Volts	V	230V, 415V
	Rated frequency	Hz	50/60
	Rated residual operated current $I_{\Delta n}$	A	0.03A
	Rated limited short circuit current $I_{\Delta c}$	A	6000A
	Rated limited residual short circuit current $I_{\Delta c}$	A	6000A
	Rated making and breaking capacity I_m		500A($I_n < 50A$), 630A($I_n = 63A$)
	Rated residual making and breaking capacity $I_{\Delta m}$		500A($I_n < 50A$), 630A($I_n = 63A$)
	Rated residual non-operated current $I_{\Delta n}$		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	3.0Nm
	Mounting		DIN Rail 35mm by means of fast clip device

PART NUMBER EXAMPLE

BASE NUMBER	KA RATING	POLES	AMPERAGE	CURVE
EL-STL1-63	/	1P+N 3P+N	25A	/
EXAMPLE	EL-STL1-63-6225			
	EL-STL1-63-6425			

DIMENSIONS AND MOUNTING