

ADL1-63 - EARTH LEAKAGE PROTECTION



DESCRIPTION / APPLICATION

ADL1-63 series RCCB (without overcurrent protection) applies to AC 50Hz, rated voltage 240V 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	16A,20A,25A,32A,40A,50A,63A
	Poles		1P+N, 3P+N
	AC Volts	V	240V, 415V
	Rated frequency	Hz	50/60
	Rated residual operated current $I_{\Delta c}$	A	0.03A,0.1A,0.3A
	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	h	1000
	Mechanical life expectancy	h	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

DIMENSIONS AND MOUNTING

