## **ADL1-63 - EARTH LEAKAGE PROTECTION**





## **DESCRIPTION / APPLICATION**

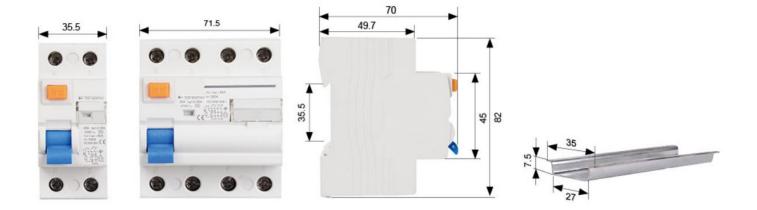
ADL1-63 series RCCB (without overcurrent protection) applies to AC 50Hz, rated voltage 240V for 2 poles, 415V for 4poles, rated current up to 63A. When electric shock occurs to human or leakage current in grid exceeds stipulated values, RCCB cuts off the fault power in a very short time to protect the 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	Α	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 Inc	Α	0.03A,0.1A,0.3A
	Rated limited short circuit current l∆c	Α	6000A
	Rated limited residual short circuit current l∆c	Α	6000A
	Rated making and breaking capacity Im		500A(ln<50A), 630A(ln = 63A)
	Rated residual making and breaking capacity l△m		500A(ln<50A), 630A(ln = 63A)
Mechanical Features	Rated residual non-operated current I∆n		0.5 l∆n
	Electrical life expectancy	h	1000
	Mechanical life expectancy	h	2000
	Protection degree		IP20
	Best Ambient temperature	°C	30
	Ambient temperature	°C	-30°C to +60°C
Installation	(with daily average≤35°C)		-30 € 10 +60 €
	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

ADL1-63-001 - 1 -

## **DIMENSIONS AND MOUNTING**



ADL1-63-001 - 2 -