

Residual current circuit Breaker & Accessories

RCCB LNL2-40E



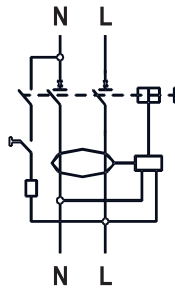
Application

There are more than seven million fires and electric shock events in the world every year. The figures are shocking: numerous people killed and injured, plus damage to property. Many of them are caused by circuit fault.

One module, width 1P+N RCCB design as per IEC/EN 61008-1. In only one module width, it meets the demand of earth fault protection, residential current protection. It is applicable to industrial site, commercial site, tall building and civic house.

Specification

Specification	Type Designation	Article NO.	
		Type A	Type AC
1P+N 16A/10mA	LNL2-40E16010	L2DA01	L2DAC01
1P+N 16A/30mA	LNL2-40E16030	L2DA02	L2DAC02
1P+N 16A/100mA	LNL2-40E16100	L2DA03	L2DAC03
1P+N 16A/300mA	LNL2-40E16300	L2DA04	L2DAC04
1P+N 25A/10mA	LNL2-40E25010	L2DA05	L2DAC05
1P+N 25A/30mA	LNL2-40E25030	L2DA06	L2DAC06
1P+N 25A/100mA	LNL2-40E25100	L2DA07	L2DAC07
1P+N 25A/300mA	LNL2-40E25300	L2DA08	L2DAC08
1P+N 40A/10mA	LNL2-40E40010	L2DA09	L2DAC09
1P+N 40A/30mA	LNL2-40E40030	L2DA10	L2DAC10
1P+N 40A/100mA	LNL2-40E40100	L2DA11	L2DAC11
1P+N 40A/300mA	LNL2-40E40300	L2DA12	L2DAC12



Electronic Type

Technical Data

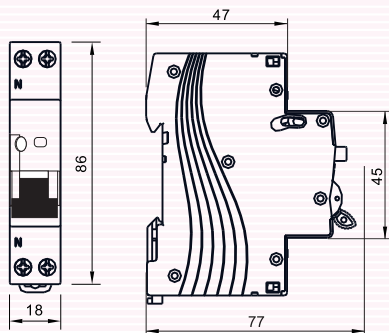
Electrical

Design according to	IEC/EN 61008-1
Tripping	instantaneous
Rated voltage U_n	240V, 50/ 60Hz
Rated current	16, 25, 40A
Rated residual operating current $I_{\Delta n}$ (A)	10, 30, 100, 300mA, functionally dependent on line voltage
Behaviour to d.c. components	AC and A Type, without time delay
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	4 kV
Rated short circuit strength I_{nc}	6 kA
Rated breaking capacity I_m	3000A
Electro-mechanical endurance	=4,000 operating cycles

Mechanical

Frame size	45mm
Device height	77mm
Device width	18mm
Mounting	quick fastening on DIN rail IEC/EN 60715
Degree of protection	IP20
Upper and lower terminals	open mouthed / lift terminals
Terminal protection	finger and hand touch safe
Terminal capacity	1-10mm ²
Busbar specification	0.8-2mm
Terminal fastening torque	1.2Nm
Tripping temperature	-25°C +40°C
Resistance to climatic conditions	according to IEC/EN61008-1

Dimensions (mm)



Distinguishing Features

- One module width
- High breaking capacity up to 10kA
- Electronic protective system
- With indication window for RCCB fault
- Auto-recloser is available to work with IP+N RCCB