

LFL11-32 Residual Current Circuit Breaker With Over Current Protection

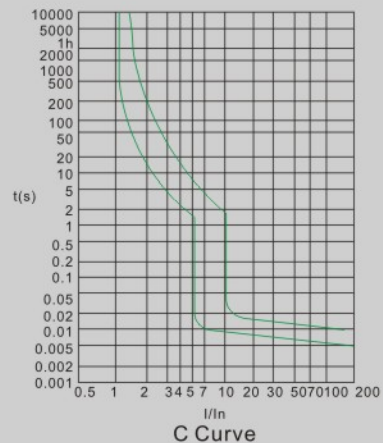
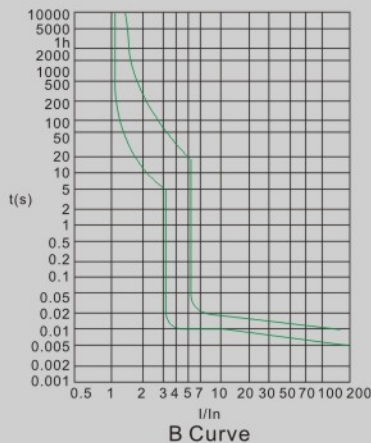


1. General

1. General rules for choosing RCBO:
 - a. Rated residual operating current
 $I_{\Delta n}=30 \text{ mA}$: additional protection in the case of direct contact
 - b. Tripping class
 AC class-Tripping is ensured for sinusoidal alternating currents, whether they be quickly applied or slowly increase.
 - c. Tripping curve
 B curve(3-5 I_n) protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.
 C curve(5-10 I_n) protection and control of the circuits against overloads and short circuits; protection for resistive and inductive loads with low inrush current.

2. Specifications

Curves



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Standard		IEC/EN 61009-1
Electrical features	Type(wave form of the earth leakage sensed)	AC
	Thermo-magnetic release characteristic	B,C
	Rated current In	A
	Poles	P
	Rated voltage Ue	V
	Rated sensitivity IΔn	A
	Rated residual making and breaking capacity IΔm	A
	Rated short-circuit capacity Icn	A
	Break time under IΔn	s
	Rated frequency	Hz
	Rated impulse withstand voltage(1.2/50)Uimp	V
	Dielectric test voltage at ind. Freq. for 1 min	kV
	Insulation voltage Ui	
	Pollution degree	
Mechanical features	Electrical life	t
	Mechanical life	t
	Contact position indicator	
	Protection degree	
	Ambient temperature (with daily average≤35℃)	℃
	Storage temperature	℃
Installation	Terminal connection type	
	Terminal size top/bottom for cable	mm ²
		AWG
	Terminal size top/bottom for busbar	mm ²
		AWG
	Tightening torque	N*m
		ln-lbs
	Mounting	
	Connection	

3. Temperature derating

Ambient temperature:-5℃~+40℃,special utilization please refer to the table below.

Temperature	-10℃	0℃	10℃	20℃	30℃	40℃	50℃	60℃
Temperature compensation coefficient of rated current	1.20	1.15	1.10	1.05	1.00	0.95	0.90	0.85

4. Overall and mounting dimensions(mm)

