



Residual current protection circuit-breaker NBTL

1. General

1.1 Function

NBTL circuit breaker with residual current protection is a high-performance adjustable circuit breaker with triple protection functions of leakage, overload and short circuit. It is applicable to AC 50/60Hz and rated voltage 230/240V. Places with rated current of 60A and below. It is mainly used for electric leakage overload and short circuit protection of lighting, meter boxes, distribution lines and equipment of residential buildings, and office buildings, and can also be used for infrequent operation and switching of lines under normal conditions.

1.2 Standard

IEC60947-2

2. Technical data

Ambient temperature (°C)	-5°C ~ +40°C
Humid and hot atmospheric conditions	+40 ℃, relative humidity 50%+It can reach 90% at 20 ℃;
Altitude	No more than 2000m
Poles	1P+N
Rated voltage (V)	AC 230V/240V
Rated current(A)	15(5/10/15)
	30(10/15/20/25/30)
	45(15/30/45)
	60(30/40/50/60)
Breaking capacity(A)	6000
Electrical life	1500 times
Mechanical life	8500 times
Residual current(mA)	100,300,500
Setting value of short-circuit protection	10In
Rated impulse withstand voltage(kV)	6
Residual current Protection type	AC

3. Overall and mounting dimensions (mm)

