

NOCLE-125 Residual Current >>> Circuit Breaker with operation protection



1.Applications

Residual current circuit breakers NOCLE-125 RCBO are used for protection against indirect touching of parts under voltage, for prevention of lasting voltage on earthed parts which should appear because of a defect in the electrical installation and for protection against direct contacts of parts under voltage in case of $I_n < 30\text{mA}$. Residual current circuit breakers can be used in TN-S, TT and IT network systems or with other words in all systems where neutral and protective conductor are separated (VDE 0100 Teil 410).

2.Specification

Standard		IEC60947-2, GB14048.2
Number of poles		1P.2P.3P.4P
Rated current(I_n)		63,80,100,125A
Rated voltage(U_n)		AC230/400V
Rated frequency		50/60Hz
Tripping curve		B,C,D
Release action characteristics	Time delay	$1.13I_n \geq 1\text{h non-trip}$
		$1.45I_n < 1\text{h trip}$
	Instantaneous(Curve C)	$3I_n 1\text{S} < 60\text{S trip}$
		$8-12I_n \geq 0.1\text{S non-trip}$
Magnetic releases operate		B curve: between 3 and $5I_n$
		C curve: between 5 and $10I_n$
Rated breaking capacity(I_{cn})		4500A,6000A
Endurance		≥ 2500
Circumstance temperature		$-5 \square C + 40 \square C$
Electrical life		$\geq 6000\text{times}$
Mechanical life		20000 times
Tropical ration		Treatment 2(RH95%, at 55°C)
Protection degree		IP20

3.Dimension & mounting

