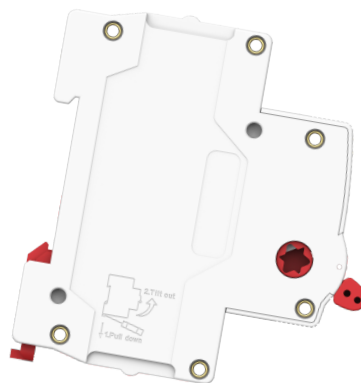
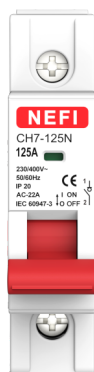


CH7-125N Isolation switch



General

CH7-125N isolating switch is designed for AC 50/60Hz circuits with rated voltage of 230/400V and current up to 125A. It is mainly used for switching on/off circuits under no-load conditions, and provides safe and reliable isolation between power supply and load. Ideal for maintenance scenarios to prevent accidental closing and ensure operator safety. Standard: IEC60947-3

Technical Parameters

Type	Standard		IEC60947-3
Electrical features	Poles	P	1, 2, 3, 4
	Rated voltage U_e	V	230/400
	Rated current I_e	A	20, 32, 40, 63, 80, 100, 125
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage $(1.2/50)U_{imp}$	V	4000
	Rated short-time withstand current I_{cw}		$12I_e, 1s$
	Rated making and breaking capacity		$3I_e, 1.05U_e, \cos\Phi=0.65$
	Rated short circuit making capacity		$20I_e, t=0.1s$
	Dielectric test voltage at ind.Freq.for 1min	Kv	2.5
	Insulation voltage U_i	V	500
	Pollution degree		2
Mechanical features	Use Category	t	AC-22A
	Electrical life	t	1500
	Mechanical life		8500
	Protection degree		IP20
Installation	Terminal size top/bottom	mm ²	50
	for cable and pin-type busbar	AWG	18-1/0
Operating conditions	Ambient temperature(with daily average $\leq 35^\circ\text{C}$)		$-25 \sim +60$
	Altitude		Not higher than 2000m
	Installation Method		Embedded vertical standard rail mounting
	Wiring Method		Clamp connection wire with screw, tightening torque 2.5N.m

Dimensions and Installation Sizes(mm)

