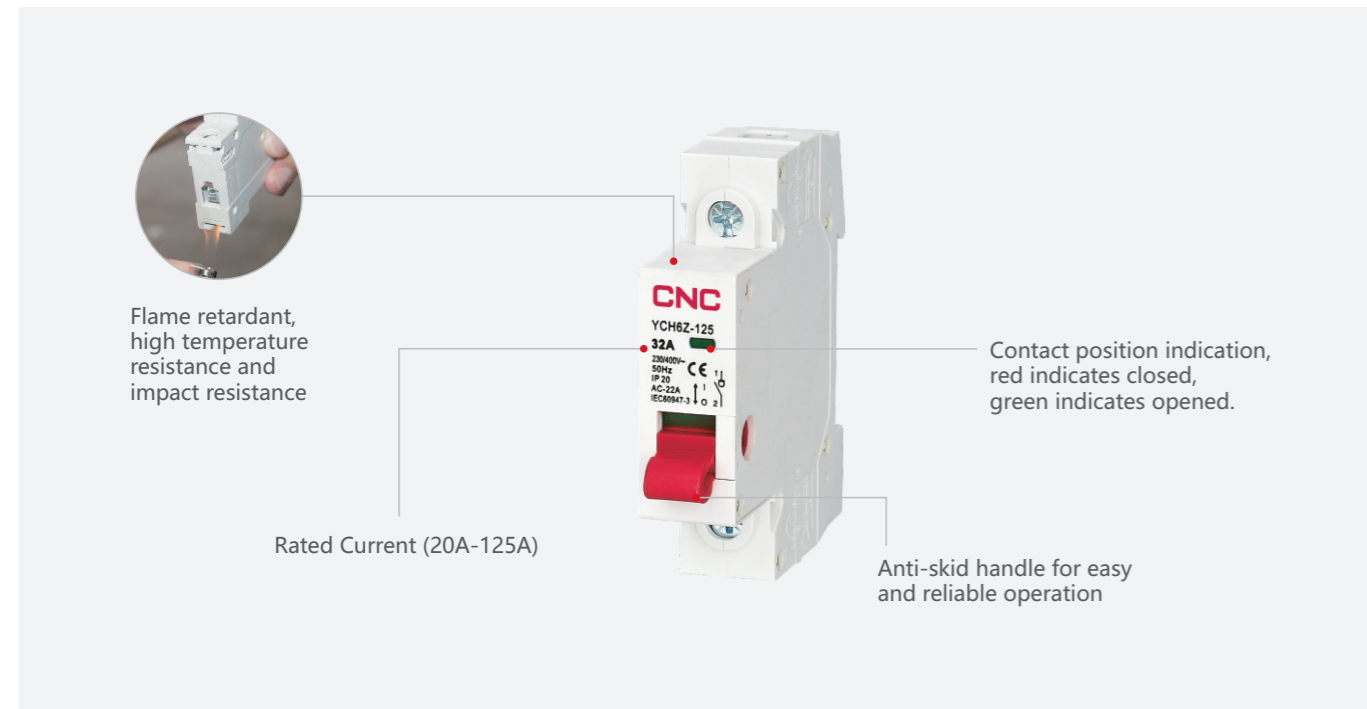


Modular DIN Rail

YCH6Z-125 Isolating Switch



Products Overview

YCH6Z-125 series isolating switch is suitable in the resistive circuit of AC 50/60HZ, rated voltage 230/400V, rated current up to 125A. It's used primarily for circuit's turning on or off in non-load ed situation. And it functions on connection and isolation between lines and power, especially suitable to isolate power effectively and prevent circuit breaker from closing accidentally when maintain the circuit in order to ensure the safe operation of maintainer.

Product standard: IEC600947-3

Normal Operating Conditions

1. Ambient Temperature: $-25^{\circ}\text{C} \sim +60^{\circ}\text{C}$
2. Altitude: Not higher than 2000m
3. Use Category: AC-22A
4. Installation Method: Embedded vertical standard rail mounting
5. Wiring Method: Clamp connection wire with screw, tightening torque 2.5N.m

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Specifications

Type	Standard		IEC/EN 60947-3
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 , $t=0.1\text{s}$
	Dielectric test voltage at ind.Freq.for 1min	kV	2.5
	Insulation voltage U_i	V	500
Mechanical features	Pollution degree		2
	Electrical life	t	1500
	Mechanical life	t	8500
	Protection degree		IP20
Installation	Ambient temperature(with daily average $\leq 35^{\circ}\text{C}$)	$^{\circ}\text{C}$	-5 ~ +40
		Terminal size top/bottom for cable and pin-type busbar	mm ²
		AWG	18-1/0

Overall and mounting dimensions(mm)

