

YCH7-125 Isolating Switch



General

YCH7-125 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 condition. 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.

Standard: IEC600947-3

Feature

Contact position indication

Anti-skid handle for easy and reliable operation

Flame retardant, high temperature resistance and impact resistance

Modular DIN Rail

YCH7-125 Isolating Switch

A

Technical data

Model	YCH7-125		
Electrical features	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Rated current Ie	A	20,32,40,63, 80,100,125
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Rated short-time withstand current Icw		12Ie, 1s
	Rated making and breaking capacity		3Ie, 1.05Ue, cosΦ=0.65
	Rated short circuit making capacity		20Ie, t=0.1s
	Dielectric test voltage at ind.Freq.for 1min	Kv	2.5
	Insulation voltage Ui	V	500
	Pollution degree		2
Use Category	t	AC-22A	
Mechanical features	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≤35°C)		-25~+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

Overall and mounting dimensions(mm)

