

Product overview

■ Main function

Short-circuit protection, overload protection, isolation function

■ Meet the standard

GB/T10963.1 IEC/EN60898-1

■ Compliance certification

CCC

■ Main characteristics

Rated operating voltage (V)	1P+N: AC230
Rated current (A)	6-40
Rated frequency (Hz)	50
Number of poles	1P+N
Breaking capacity (kA)	4.5



Product selection

Product name	Trip type	Rated current
DZ47P	C	6
	C: type C D: type D	6: 6A 10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A

Note: This product can assemble accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active), MOWY (passive)

Technical parameter

■ Electrical characteristic

Rated insulation voltage U_i (V)	500		
Maximum operating voltage U_{emax} 1P+N (V)	230AC		
Rated short-circuit capacity I_{cn} (IEC/EN60898) (kA)	4.5	Pollution level	2
Rated impulse withstand voltage U_{imp} (1.2/50) (kV)	4	Trip form	Thermal magnetic trip
Dielectric test voltage (kV)	2kV (50/60Hz, 1分钟)	Thermal magnetic trip characteristics	c-type curve (5In~10In) ■ D-type curve (10In~14In) ■
Isolation function	possess	Electrical and mechanical accessories	■

DZ47P"Phase + neutral" circuit breaker

Mechanical characteristic

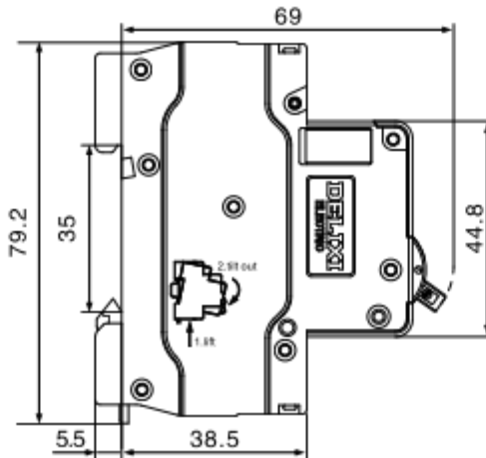
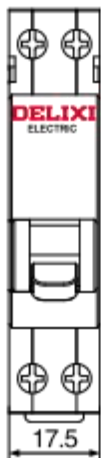
hand shank	Red, pad print indicates ON-OFF position	Vibration resistance (IEC/EN 60068-2-6)	No significant vibration and shock
Mechanical life	time 20000	Resistance to moisture and heat (IEC 60068-2)	Damp and hot °C /RH 2 classes, 28 cycles, When the temperature is 55°C, the relative humidity is 90%~96%; When the temperature is 25°C, the relative humidity is 95~100%.
Electrical life	time 10000	Reference ambient temperature	°C 30°C
Level of protection	Installed in the distribution box IP40 Direct mounting: IP20	Operating ambient temperature (Daily mean temperature ≤ +35°C)	°C -35°C ~+70°C
Resistance to mechanical shock	30g, 3 shocks, duration 11ms (No significant vibration and shock)	Storage temperature	°C -40°C ~+85°C

Installation characteristics

Terminal form	U-Terminal	tool	Phillips screwdriver or flat-head screwdriver
Maximum connection capacity	Current class 6-40A : 16mm ²	install	Installed on standard DIN rail (35mm)
Maximum Limit torque	Current class 6-40A: 2N.m	Incoming mode	Up and down can enter the line

Outline and mounting dimensions

Dimension Diagram



Wiring Diagram

