

Product Overview

■ Main Functions

Short circuit protection, overload protection, isolation function

■ Standards

GB/T10963.1 IEC/EN60898-1

■ Certificate

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: C type D: D type	↓ 6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A

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

Technical Parameters

■ Electrical Characteristic

Rated insulation voltage U_i (V)	500	Pollution class	2
Maximum operating voltage $U_{e\max}$ 1P+N (V)	230AC	Tripping form	Thermomagnetic trip
Rated short-circuit capacity I_{cn} (IEC/EN60898) (kA)	4.5	Thermomagnetic tripping characteristics	C type curve ($5I_n \sim 10I_n$)
Rated impulse withstand voltage U_{imp} (1.2/50) (kV)	4		D type curve ($10I_n \sim 14I_n$)
Dielectric test voltage (kV)	2kV (50/60Hz, 1 minute)	Electrical and mechanical accessories	
Isolation function	Yes		

■ Mechanical Characteristics

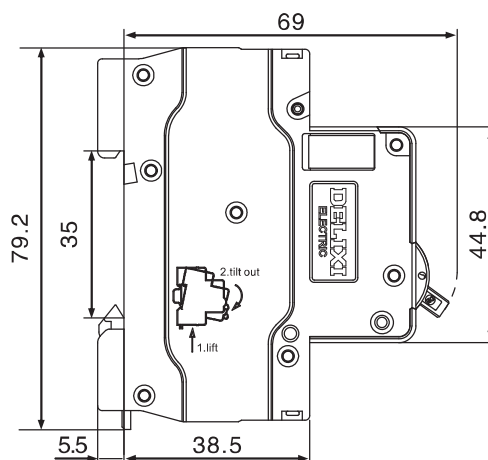
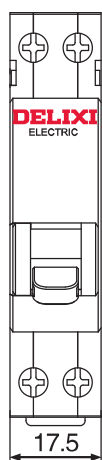
Handle	Red, pad print indicates ON-OFF position		Vibration resistance (IEC/EN 60068-2-6)	Where there is no significant vibration or shock
Mechanical durability	Times	20000	Resistance to moist heat (IEC 60068-2)	Damp heat °C/RH
Electrical durability	Times	10000		Class 2, 28 cycles, Temperature 55 °C, relative humidity 90% ~ 96% Temperature 25 °C, relative humidity 95 ~ 100%
Protection class	Installed in the distribution box: IP40 Directly installation: IP20		Rated ambient temperature	°C
Resistance to mechanical shock	30g, 3 shocks, duration 11ms (Where there is no significant vibration and shock)		Operating ambient temperature (daily average temperature $\leq +35^{\circ}\text{C}$)	°C
			Storage temperature	°C

■ Installation Characteristics

Terminal form	U terminal block	Tool	Cross screwdriver or slotted screwdriver
Maximum wiring capacity	Current class 6-40 A: 16mm ²	Installation	Installed in the standard DIN rail (35mm)
Maximum limit torque	Current class 6-40 A: 2N.m	Line incoming type	Top and bottom

Outline and Installation Dimensions

■ Dimensional Drawing



■ Wiring Diagram

