

General



 ${\it GYL9 earth leakage circuit breaker is suitable\ to\ the\ circuit\ of\ AC\ 50/60 Hz. rated\ voltage\ 230V\ for\ 2\ poles\ and\ 400V\ for\ 400V\ for\ 400V\ for\ 400V\ for\ 400V\ for\ 40V\ for\ 400V\ for\ 4$ poles, and rated current up to 100A.when people come across the electric shock or the leakage current of the electrical network exceeds the fixed value, this product can cut off the fault current in short period so as to protect person and the equipments, It also can be used in the infrequent starting of the circuit and motors.

The circuit breaker is suitable to industry, commerce, high-rise building, household and other kinds of places.

- In complicance with IEC/EN61008.1.
- Bilateral busbar wiring capabilities to adapt to the wider use of premises.
- Maximum connecting ability of 35mm², wiring torque 3.5N*m, applicable to a variety of installing equipment.
- Protection class:IP20.

Technical Data

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D	25 40 62 00 1004		
Rated current	25、40、63、80、100A		
Poles	2P 4P		
Rated voltage Ue	2P:230V~ 4P:400V~		
Insulation voltage Ui	500V		
Rated frequency	50/60Hz		
Rated sensitivity I^n	0.03A 0.1A 0.3A		
Rated residual making and breaking capacity I m	500(In=25-40A) 630(In=63A)		
Short-circuit current Inc=I△c	10000A		
SCPD fuse	10000		
Break time under I△n	≤0.1S		
Rated impulse withstand voltage(1.2/50)Uimp	6000V		
Dielectric test voltage at and ind.Freq.for 1min	2.5kV		
Electrical life and Mechanical life	4000		
Pollution degree	2		
Installation			
Fault current indicator	NO		
Protection Class	IP20		
Ambient temperature(with daily average≤35°C)	-5~+40°C		
Storage temperature	-25+70℃		
Terminal connection type	Cable/U-type busbar/Pin -type busbar		
Terminal size top/bottom for cable	35mm ² 18-3		
Tightening torque	3.5 N*m 22		
Mounting	On DIN rail FN 60715 (35mm) by means of fast clip device		
Connection	From top and bottom		

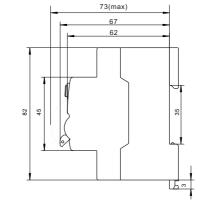
Detection Waveform Type and Classification

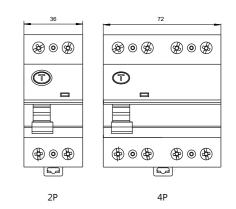
		AC Type	А Туре	A-SI Type	
Waveform definition	Waveform	~	<u>~</u>	≅	Tripping current
Sinusoidal exchange	\sim	✓	✓	✓	0.5~1 I△n
Pulsating half wave	1_1	Х	✓	✓	0.5 ~1. 4 I△n
Pulsating Half wave + diret current (6mA)	<u>^</u>	х	~	✓	max1.4I△n+6mA
Pulsating Half wave + diret current (10mA)	<u></u>	х	х	✓	max1.4I^n+10mA
High frequency (up to 1KHz)	ww	Х	х	Х	150Hz,0.5 ~2.4 I n
		Х	х	х	400Hz,0.5∼6 I△n
		Х	Х	Х	1000Hz,1~14 I△n
Two phase rectified full wave	-^~	х	х	Х	0.5~2 I△n
Three phase rectified full wave	~~~				
Direct current	===				

Connection

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1.5
2.5
4
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16
25
35

Mounting & dimension





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