

 0.03A、0.1A、0.3A
Rated residual action current

RCBO
60947-2, GB/T 14048.2



GYM10LE-125



GYM10LE-125 residual current operated circuit breaker is suitable for AC 50/60Hz, rated voltage up to 415V, and rated current up to 125A lines. When a person is electrocuted or the leakage current of the power grid exceeds the specified value, the circuit breaker can quickly cut off the faulty power supply in a very short time, protecting the safety of people and electrical equipment. It can also be used for overload and short circuit protection of the line, and for infrequent on-off operation under normal circumstances. Circuit breakers are suitable for various occasions such as industrial, commercial, high-rise, and residential use.

- Maximum wiring capacity: (6-50) mm²
- Compliant with environmental RoHS 2.0
- Change to modular design of leakage module, with smaller size

► Technical Specification

Rated voltage (Un)	230/240V、400/415V
Rated current (In)	63A、80A、100A、125A
Rated insulation voltage (Ui)	500V
Rated impulse withstand voltage (Uimp)	4KV
Rated residual operating current (I Δ n)	0.03A、0.1A、0.3A
Polar number	1P+N、2P、3P、3P+N、4P
Residual current action type	A Type、AC Type
Operating frequency	50/60Hz
Rated limited short-circuit current (Inc)	6000A、10000A
Rated limit residual short-circuit current (I Δ c)	6000A、10000A
Rated connection and disconnection capacity (Im)	500A (In≤50A) 、630A(In = 63A)
Rated residual connection and disconnection capacity (I Δ m)	500A (In≤50A) 、630A(In = 63A)
tightening torque	3.5N·m
Protection level	IP20
Release curve	B、C、D
Mechanical life:	20000 times
Electrical life:	4000 times

► Product Model And Implication

GYM10LE	125
Product model	
RCBO	Shell current

► Residual leakage current breaking time

Rated current In(A)	Rated residual action current I Δ n(mA)	Residual current breaking time (s)				
		I Δ n	2I Δ n	5I Δ n	5A~200A	500A
63~125	30、100、300	≤0.1	≤0.08	≤0.04	≤0.04	≤0.04

► Outline Overall And Installing Dimensions

