RDM1LE-32 Series

Application

RDM1LE-32(DPNLE, DZ30LE) earth leakage circuit breaker is mainly used in AC 50Hz/60Hz single-pole 230V for overload and short-circuit protection.This product is high breaking capacity, small size.And it can avoid mistripping of instant voltage and instant current.

The product meets the standards of GB16917.1 and IEC61009-1.

Model

RD M 1 LE – 32

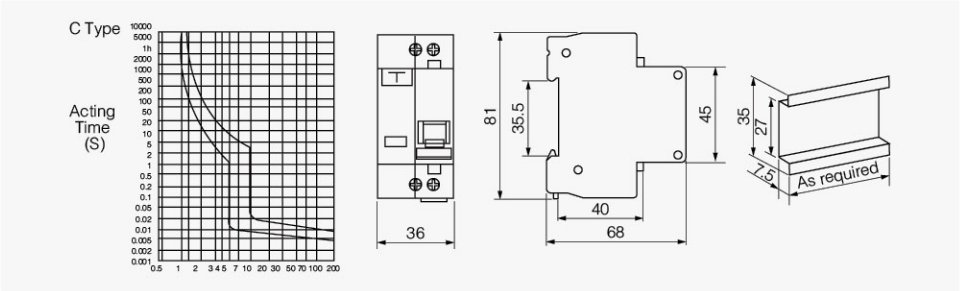
① ② ③ ④ ⑤

①	Company Code
②	Miniature Circuit Breaker
③	Design Number
④	Electronic Type Earth Leakage Circuit Breaker
⑤	Frame Class Rated Current

Main Technical Parameters

- Phase wire + neutral wire + leakage+overload (protection);
- Rated Current:6, 10, 16, 20, 25, 32A;
- Rated Voltage:230V, 50Hz;
- Breaking Capacity:4500A;
- Leakage Acting Current: 30mA, AC Type;
- The product meets the standards of:IEC61009-1, GB16917.1;
- Tripping Characteristics:C Type 5s to 10s In Tripping
  D Type 10s to 14s In Tripping;
- Wiring: Below 10 mm2 hard wire;
- Width: 36mm (4 times the modulus);
- The tripping indicator is in the front of device;

Tripping Characteristics Table

Test Current (A)	Rated Current (A)	Conventional Time	Expected Result	Initial Status	Remarks
1.13In	Value	t≤1h	Not Tripping	Cold Status	
1.45In	Value	t<1h	Tripping	Thermal Status	The Current is rising within 5s
2.55In	Value	1<t<60s	Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch
5In, 10In	Value	t≤0.1s	Not Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch
10In, 20In	Value	t<0.1s	Tripping	Cold Status	The power supply is turned on by closing the auxiliary switch

Acting Curve And Overall Mounting Dimensions