

## RDM7LE-100 Series

### Application



RDM7LE-100(NCLE, DZ47LE-100) circuit breaker is mainly used in AC 50Hz/60Hz rated voltage up to 4000V, rated current up to 100A for leakage, overload and short-circuit protection. And it can add the over voltage and under voltage excitation functions.

The product meets the standards of GB14048.2 and IEC60947-2.

### Model

RD M 7 LE - 100 / □ □  
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 ① ② ③ ④ ⑤ ⑥ ⑦

|   |  |
|---|--|
| ① | Company Code   |
| ② | Miniature Circuit Breaker                                    |
| ③ | Design Number  |
| ④ | Special Code (Electronic Type Earth Leakage Circuit Breaker) |
| ⑤ | Frame Class Rated Current                                    |
| ⑥ | Number of Pole   |
| ⑦ | Use "N" for with neutral wire                                |

### Structure Feature

RDM7LE-100 leakage circuit breaker is made up of RDM7-100 high breaking capacity circuit breaker and leakage release. The leakage circuit breaker is current action electronic type earth leakage circuit breaker. It is mainly including the zero sequence current transformer, electrical board, leakage release and overload and short-circuit circuit breaker.

### Main Technical Parameters

| Frame Class Current Inm(A) | Number of Pole | Neutral Wire | Rated Current In(A) | Rated Short-Circuit Capacity |                                   |         | Rated leakage operating current I <sub>Δn</sub> (mA) | Rated leakage non-operating current I <sub>Δno</sub> (mA) | Rated leakage operating time (s) | Tripping Type |
|----------------------------|----------------|--------------|---------------------|------------------------------|-----------------------------------|---------|--|---|----------------------------------|---------------|
|                            |                |              |                     | Voltage (V)                  | Breaking Capacity I <sub>cn</sub> | cos (Φ) |  |   |                                  |               |
| 100                        | 1              | N            | 63<br>80            | 230                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 2              |              |                     | 230                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 3              |              |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 3              | N            |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 4              |              |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 1              | N            | 100                 | 230                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 2              |              |                     | 230                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 3              |              |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 3              | N            |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |
| 100                        | 4              |              |                     | 400                          | 10000                             | 0.5     | 30   | 15  | <0.1                             | C, D          |

● Rated residual operating current Wiring with terminal and the hard wire below 35mm<sup>2</sup>

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## Overall And Mounting Dimensions (mm)

