

## RDX2LE-125(RCBO)

### Residual Current Circuit Breaker



#### Application

The RDX2LE-125 RCBO is designed to ensure the protection of low-voltage electrical applications up to 125A

rated voltage 230/400V, AC 50/60Hz

Line protection against earthleakage, overload and short-circuits

Electronic type RCD

Rated short-circuit breaking capacity  $I_{cn}=10kA$

Rated current: 40~125A

Sensitivity range: 30mA, 100mA, 300mA

Comply with IEC61009-1 / GB16917.1

#### Model No.

RD X 2 LE - 125/□□

N: with non-breakable Neutral  
Poles  
Rated frame current (A)  
Electronic type RCBO  
Design number  
Miniature circuit breaker  
People electric

#### Specification

|                     | Standard   | IEC/EN 61009               |
|---------------------|--|----------------------------|
| Electrical features | Certificate  | CE                         |
|                     | Thermo-magnetic release characteristic                     | C, D                       |
|                     | Rated current $I_n$  | 40, 50, 63, 80, 100, 125A  |
|                     | Poles  | 1P+N, 2P, 3P, 3P+N, 4P     |
|                     | Rated voltage $U_e$  | 230/400V                   |
|                     | Rated sensitivity $I_{\Delta n}$                           | 0.03, 0.1, 0.3A            |
|                     | Rated residual making and breaking capacity $I_{\Delta m}$ | 1,500A                     |
|                     | Rated short-circuit capacity $I_{cn}$                      | 6,000(4~40A); 4500(50,63A) |
|                     | Break time under $I_{\Delta n}$                            | $\leq 0.1s$                |
|                     | Rated frequency  | 50/60Hz                    |
|                     | Rated impulse withstand voltage $U_{imp}$                  | 4,000V                     |
|                     | Dielectric TEST voltage at ind. Freq. for 1min             | 2kV                        |
|                     | Insulation voltage $U_i$                                   | 600                        |
|                     | Pollution degree   | 2                          |

# RESIDUAL CURRENT CIRCUIT BREAKER

|                     | Standard   |                    | IEC/EN 61009   |
|---------------------|--|--------------------|--|
| Mechanical features | Electrical life  |                    | 6,000  |
|                     | Mechanical life  |                    | 20,000   |
|                     | Contact position indicator   |                    | Yes  |
|                     | Protection degree  |                    | IP20   |
|                     | Ambient temperature(with daily average $\leq 35^{\circ}\text{C}$ ) | $^{\circ}\text{C}$ | -5 ~ +40   |
|                     | Storage temperature  | $^{\circ}\text{C}$ | -25 ~ +70  |
| Installation        | Terminal connection type   |                    | Cable/U-type busbar/Pin-type busbar                      |
|                     | Terminal size top for cable  | mm <sup>2</sup>    | 50   |
|                     | Terminal size top for busbar                                       | mm <sup>2</sup>    | 50   |
|                     |  |                    |  |
|                     | Tightening torque  | N*m                | 3.5  |
|                     |  | In-lbs             | 31   |
|                     | Mounting   |                    | On DIN rail EN 60715 (35mm) by means of fast clip device |
|                     | Connection   |                    | From top   |

## Overall and Mounting Dimensions (mm)

