

Zhejiang VeKON  
Technology Co.,Ltd.

PROFESSIONAL CIRCUIT  
BREAKER MANUFACTURER



## VL24-100 RCCB

### General introduction

#### Function

VL24-100 series RCCB(without overcurrent protection)applies to AC 50Hz, rated voltage 240V 2 poles, 415V 4 poles, rated current up to 100A. When electric shock occurs to human or leakage current in grid exceeds stipulated values, RCCB cuts off the fault power in a very short time to protect the safety of human and electrical equipments. It can also function as non frequently switching of circuits.

#### Application

Industry and commercial buildings, high-rise buildings and residential houses, etc.

#### Conforms to standard

IEC/EN 61008-1

## VL24-100 RCCB



### Main parameters

| Types   | Values  |
|---|---|
| Rated voltage Un  | 240V ~ 1P+N, 415 V ~ 3P+N                               |
| Rated current In  | 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A            |
| Rated residual operated current I $\Delta$ n              | 0.03A, 0.1A, 0.3A                                       |
| Poles   | 1P+N, 3P+N  |
| Duty type as per DC component                             | AC  |
| Rated limited short circuit current Inc                   | 6000A   |
| Rated limited residual short circuit current I $\Delta$ c | 6000A   |
| Rated making and breaking capacity Im                     | 500A(In $\leq$ 50A), 630A(In = 63A), 1000A(In=80A、100A) |
| Rated residual making and breaking capacity I $\Delta$ m  | 500A(In $\leq$ 50A), 630A(In = 63A), 1000A(In=80A、100A) |
| Rated residual non-operated current I $\Delta$ no         | 0.5I $\Delta$ n   |
| Rated insulation voltage Ui                               | 500V  |
| Rated impulse withstand voltage Uimp                      | 4000V   |
| Tightening torque   | 3.0N.m  |
| Electrical life   | 2000 Times  |
| Mechanical life   | 3000 Times  |
| Operated ambient temperature $^{\circ}$ C                 | -25~+40   |
| Stored ambient temperature $^{\circ}$ C                   | -25~+70   |
| Pollution level   | 2   |
| Protection level  | IP20  |
| Mounting type   | II  |

### Overall and mounting sizes(mm)

