

Zhejiang VeKON  
Technology Co.,Ltd.

PROFESSIONAL CIRCUIT  
BREAKER MANUFACTURER



## VL33-63 RCCB

### General introduction

#### Function

VL33-63 series RCCB(without overcurrent protection)applies to AC 50Hz, rated voltage 240V 2 poles, 415V 4 poles, rated current up to 63A. 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

## VL33-63 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   |
| 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, A                               |
| 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) |
| Rated residual making and breaking capacity I $\Delta$ m  | 500A(In $\leq$ 50A), 630A(In = 63A) |
| 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)

