**1 Application**

·Overload protection

·Short circuit protection

·Protect people against indirect contacts and additional protection against direct contacts.

·Protect installations against fire hazard due to insulation faults.

·Single phase and three phase applications(220V/380V)

·Control electric circuits

Suitable for industrial, commercial, high-rise and civil residences circuit protection.

**2 Type designation**

CQB2LE-63

Frame size rated current

Electronic RCBO

Design serial number

Miniature circuit breaker

Company code

**3 Technical data**

|  |  |
| --- | --- |
| Specifications | |
| Insulation voltage | **500V** |
| Nominal current(A) | **6A、10A、16A、20A、25A、32A、40A、50A、63A** |
| Rated frequency | **50Hz / 60Hz** |
| Number of poles | **2P 、3P 、4P 、1P+N 、3P+N** |
| Rated breaking capacity Icn=Ics(A) | **6000A** |
| Rated residual action current(mA) | **30、50、75、100、300** |
| Rated residual making and breaking capacity | **2000A** |
| Impulse voltage-endurance performance of insulation | **a.** **The poles are linked together with neutral poles to withstand a peak impulse voltage of 6000V ;**  **b ．Connected with neutral poles, each pole can withstand a shock voltage with a peak value of 8000V between poles and metel。** |
| Mechanical life(cycles) | **10000** |
| Electrical life(cycles) | **6000** |
| Tripping characteristics | **B 、 C 、 D** |
| Protection Class IP | **IP20** |
| Standard | **IEC61009-1** |
| Compliant certification | **CCC** |

**4 Nominal operation conditions**

1 Ambient operating temp. range：-5℃~40℃；≤90%/20℃；≤50%/40℃

2 Operating altitude： ≤2000m

3 Pollution degree： 2

4 Overvoltage category： "Ⅱ"

5 Mounting type：Din rail embedded(TH35-7.5).

6 Terminal connection type：Cable

7 Terminal Torque: 2.5N.m

**5 Dimensions （unit :mm）**



