**1 Application**

CQD2-100 series small isolating switches are used in AC 50 / 60Hz, rated voltage 400V and below, rated voltage up to 100A power distribution and control circuit, mainly as a terminal combination electric appliance switch, as the line is not frequent conversion.

Compliant standard ： IEC60947-3.

**2. Type designation**

CQ D 2 – 100

Frame size rated current

Design serial number

Isolator

Company code

**3 Technical data**

|  |  |
| --- | --- |
| Specifications | |
| Rated insulation voltage Ui(V) | **400V** |
| Rated voltage Ue(V) | **230V~(1P), 400V~(2P、3P、4P)** |
| Rated current In (A) | **32A、40A、63A、100A** |
| Rated impulse withstand voltage Uimp | **4KV** |
| Rated short-time withstand current lcw | **12Ie，t= 1s** |
| Rated connection and breaking capability | **3Ie，1.05Ue，cosφ=0.65** |
| Rated short-time making capacity lcm | **20Ie，t= 0.05s** |
| Mechanical life & Electrical life: | **8500&1500 cycles** |

**4 Nominal operation conditions**

4.1 Ambient operating temp. range：-5℃~+40℃。

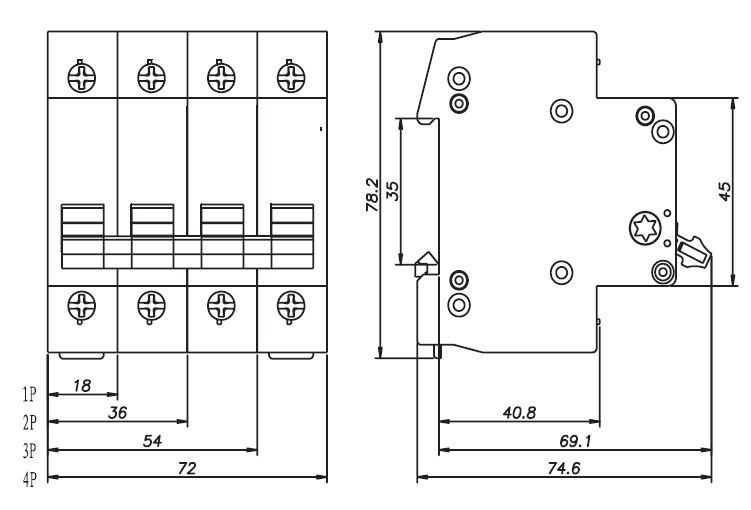
4.2 Operating altitude：≤2000m。

4.3 Type：AC-22A。

4.4 Overvoltage category：Ⅱ

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

**5 Dimensions （unit :mm）**

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