YCBZN-40

Changeover switch

OPERATION INSTRUCTION

Standard: IEC 60947-3

CNC Deliver Power For Better Life

⚠ Before installing and using this product, please read this manual carefully and pay more attention to safety.

1. General

YCBZN-40 Changeover switch is applicable to the resistive and inductive mixing load with AC 50Hz/ 60Hz, rated voltage of no more than 415V, and rated current up to 100A.

The Changeover Switch can switch on, Load and break the circuit under normal conditions, using as Switch Disconnectors.

Standard:IEC60947-3

2. Operating conditions

2.1 Ambient temperature -5℃ ~+40℃

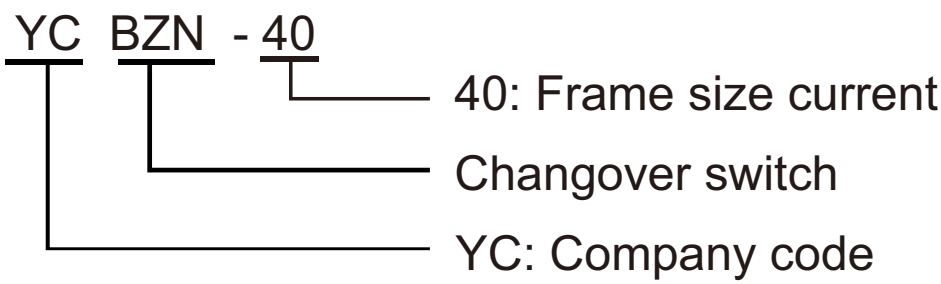
2.2 Altitude: 2000m.

2.3 Air conditions: At mounting site, relative humidity not exceed 50% at the maximum temperature of +40℃. For the wettest month, the maximum relative humidity averaged shall be 90% while the lowest temperature averaged in that month is +20 ,special measures should betaken to occurrence of condensation.

2.4 Utilization category is AC-22A.2.5 Pollution grade: 2

3 Basic parameters

3.1 Type designation



3.2 The basic specifications and main technical parameters of the circuit breaker are shown in Table1.

Table1

Parameter	YCBZN-40
Rated Voltage	240/415V~
Rated Current	16,25,32,40A
Rated Frequency	50/60Hz
Number of Poles	1,2,3,4P
Contact form	1-0-2
Electrical Life	1500 Cycles
Mechanical Life	8500 Cycles
Protection degree	Ip20
Ambient Temperature	-5℃~40℃
Terminal/Cable size	10mm²
Mounting	On DIN rail EN60715(35mm) by means of fast clip device.

3.3 Wire connection

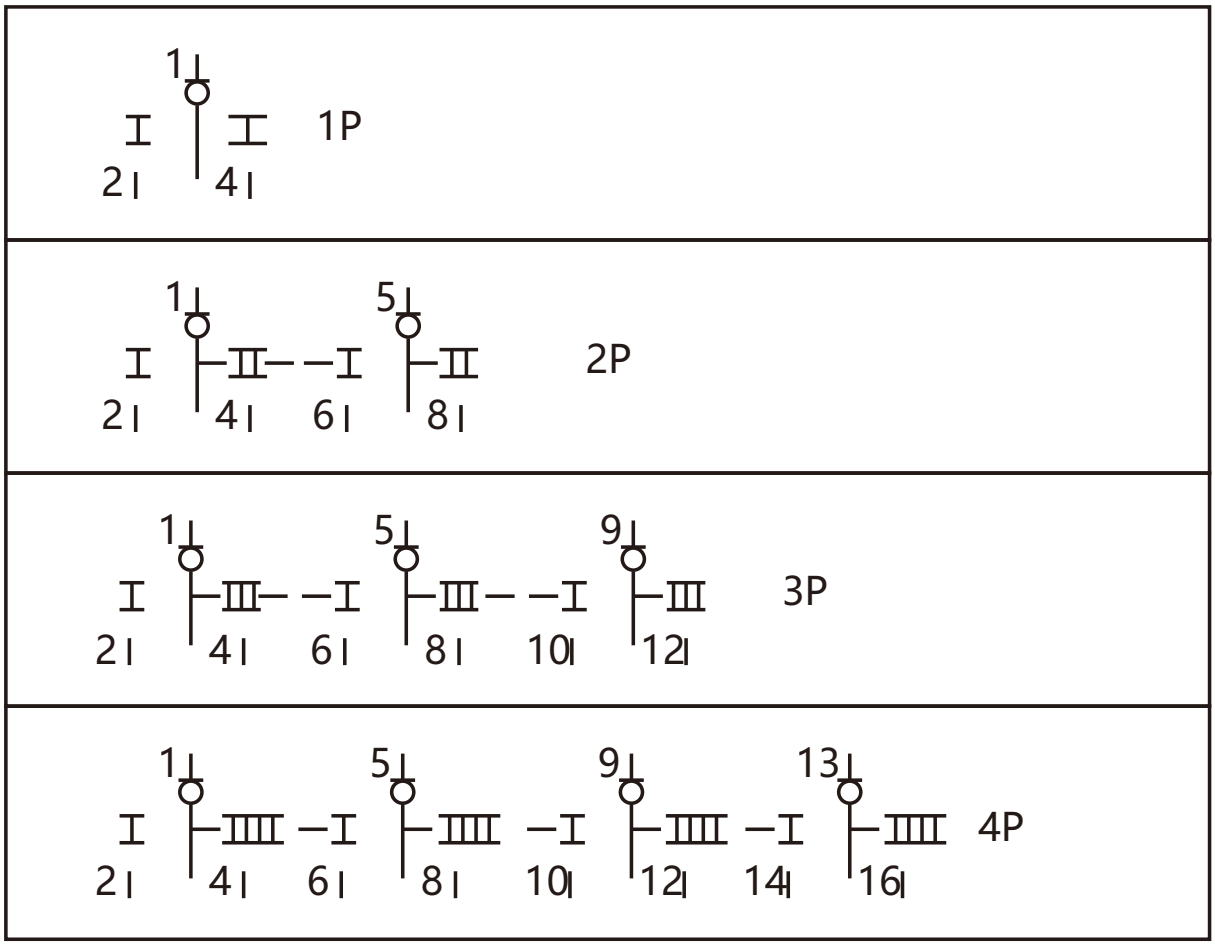
Before installation, check whether technical parameter of the circuit breaker is in conformity with user's requirement.

The conductor of power supply shall be connected to the up terminal of circuit breaker. During installation, the tightening torque is max 2.5N-m for 20A 63A, the tightening torque is max 3.5N-m for 80A100A. The sectional area of connecting wire can refer to Table 2.

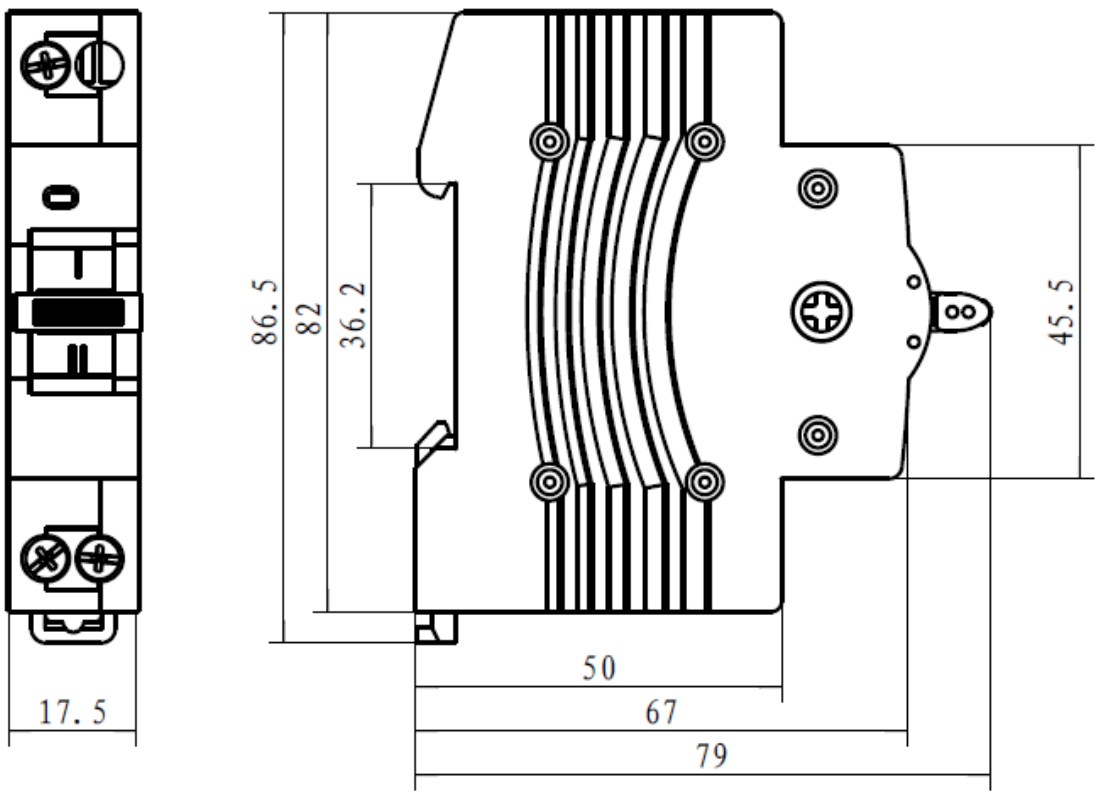
Table 2

Rated voltage In A	Conductor cross section S mm^2
20	2.5
32	6
40	10
63	16
80	25
100	35

3.4 Wiring diagram



4 Overall and mounting dimensions(mm)



YCBZN-40

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CERTIFICATE

Product Model: YCBZN-40

Standard: IEC 60947-3

Inspector: CNC 001

Production date: Printed on the product or package.

This product is qualified according to the delivery inspection

CNC ELECTRIC

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