

ZQ2E Dual power automatic switch

Product features

- ◇ Reasonable structure, minimum volume, beautiful appearance, equipped with protective cover, more secure and reliable power supply.
- ◇ The protection function is complete, with short circuit, overload, lphase loss, undervoltage and other protection.
- ◇ The interface with EPS fire power supply and DC24V can be reliably and remotely split.
- ◇ Noise-free operation, energy saving and consumption reduction, convenient installation, simple operation, reliable and stable performance.

Main technical parameters

Product model	ZQ2E-63
Meet a criterion	IEC60947-6-1, GB/ T14048.11
Actuating circuit breaker	ZQB1-63
Current specification (A)	6,10,16,20,25,32,40,50,63
Rated operating voltage (Ue)	400V 50HZ
Rated insulation voltage (Ui)	400V
Rated impulse withstand voltage (Uimp)	4kV
Number of poles	3P,4P
Short circuit breaking capacity code	D
Rated short circuit making capacity (Icm)	7.65kA
Rated short circuit breaking capacity (Icn)	5kA
Life	6000 times
Usage category	AC-33iB
Electrical level	CB level
Protection grade	IP20
Protect	Overload protection/short circuit protection

product performance

The transfer switch is a complete set of two ZQB1-63 miniature circuit breakers, motors and mechanical rotating devices, and the two power supplies are detected by the controller. When the circuit is abnormal, the controller makes logical judgment on the detection results, and drives the operating mechanism to open or close according to the controller's instructions, thus ensuring the safe and reliable power supply to the load.

- ◇ Making and breaking capacity

Making and breaking capacity						
Applicable category	Test conditions of making and breaking capacity					
	I/Ie	U/Ue	Cosφ	Electrification time s	Cycle period min	Number of operation cycles
AC~33B	6.0	1.05	0.5	0.05	≤ 5	12

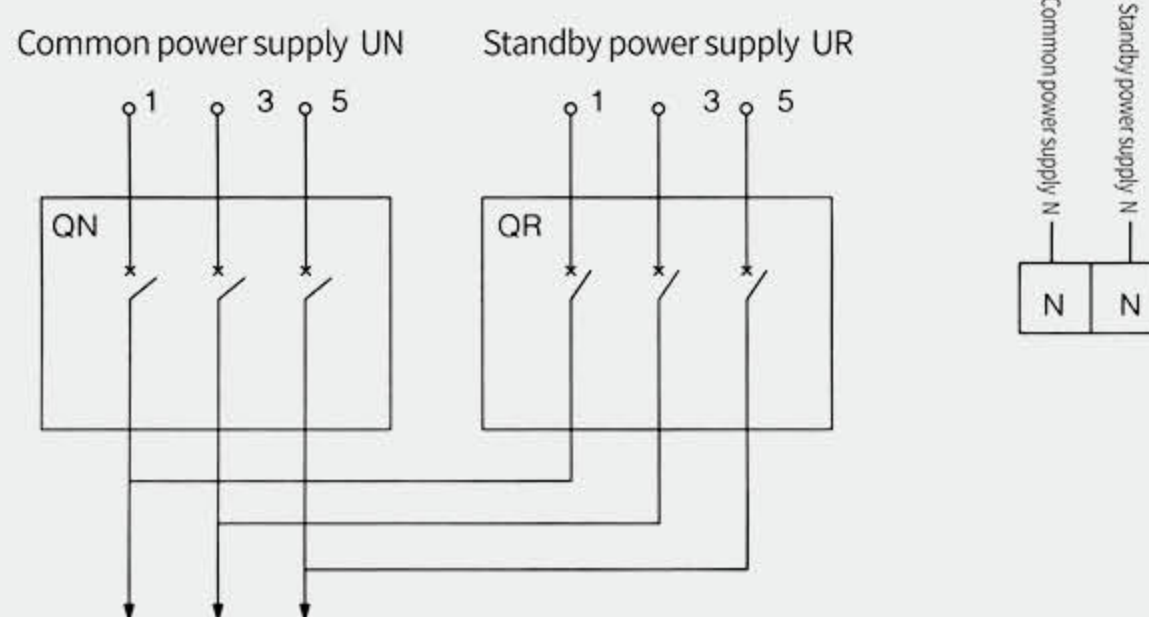
Note: AC~33B motor load or mixed load including motor and resistance load under infrequent operation

- ◇ Rated short circuit breaking capacity: 3kA
- ◇ Rated short circuit making capacity: 3kA
- ◇ Conversion time: 3s
- ◇ The control voltage of the transfer switch is AC230V
- ◇ The mechanical life of the transfer switch (common or standby transfer) is 3000 times, and the electrical life is 1500 times
- ◇ Rated insulation voltage: Ui=500V
- ◇ Operating current: 10A, 16A, 20A, 25A, 32A, 40A, 63A.
- ◇ Generally, the transfer switch has the function of auto-switching and auto-recovery, and the principle of common power supply priority. If automatic switching and self-recovery change-over switch is required for special occasions, the user and manufacturer shall negotiate to order .

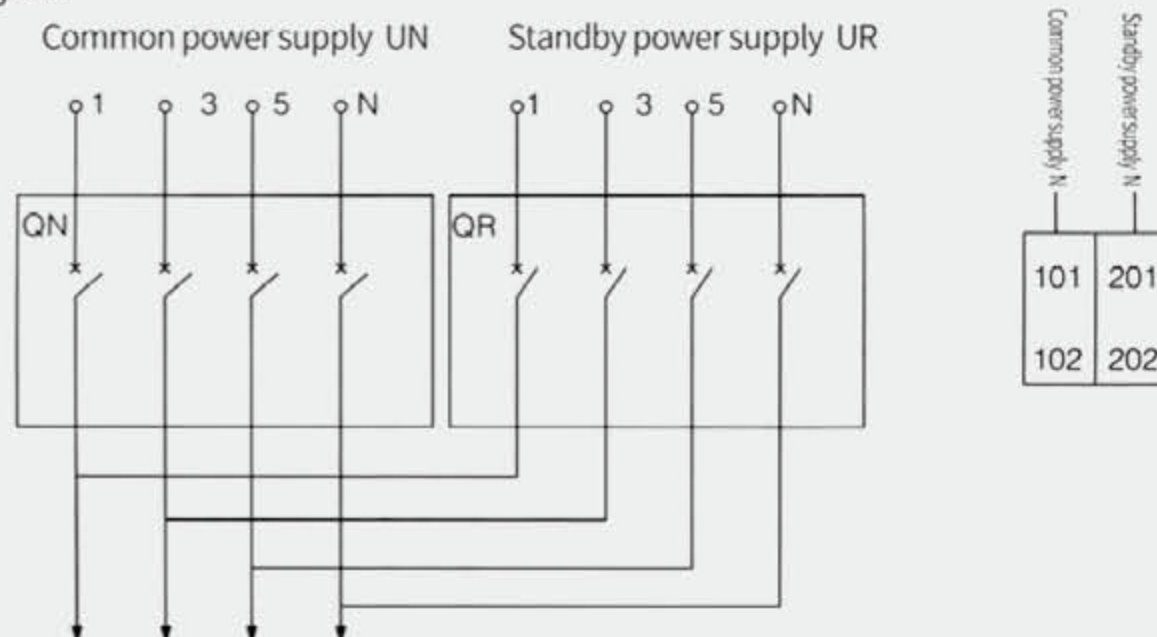
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External wiring diagram

◇ 3P product wiring diagram



◇ 4P product wiring diagram



Overall and installation dimensions

