

FTSM

Moulded Case Dual Power Transfer Switch



Product Features

FTSM series automatic transfer switch are mainly composed of power conversion actuator, circuit breaker and controller. This dual power switch with automatic, manual, power indicator, normal switch indicator, ready switch indicator working state. Switch's features are small volume, long life, low power consumption, light weight, stable work, easy to use and so on.

Technical Data

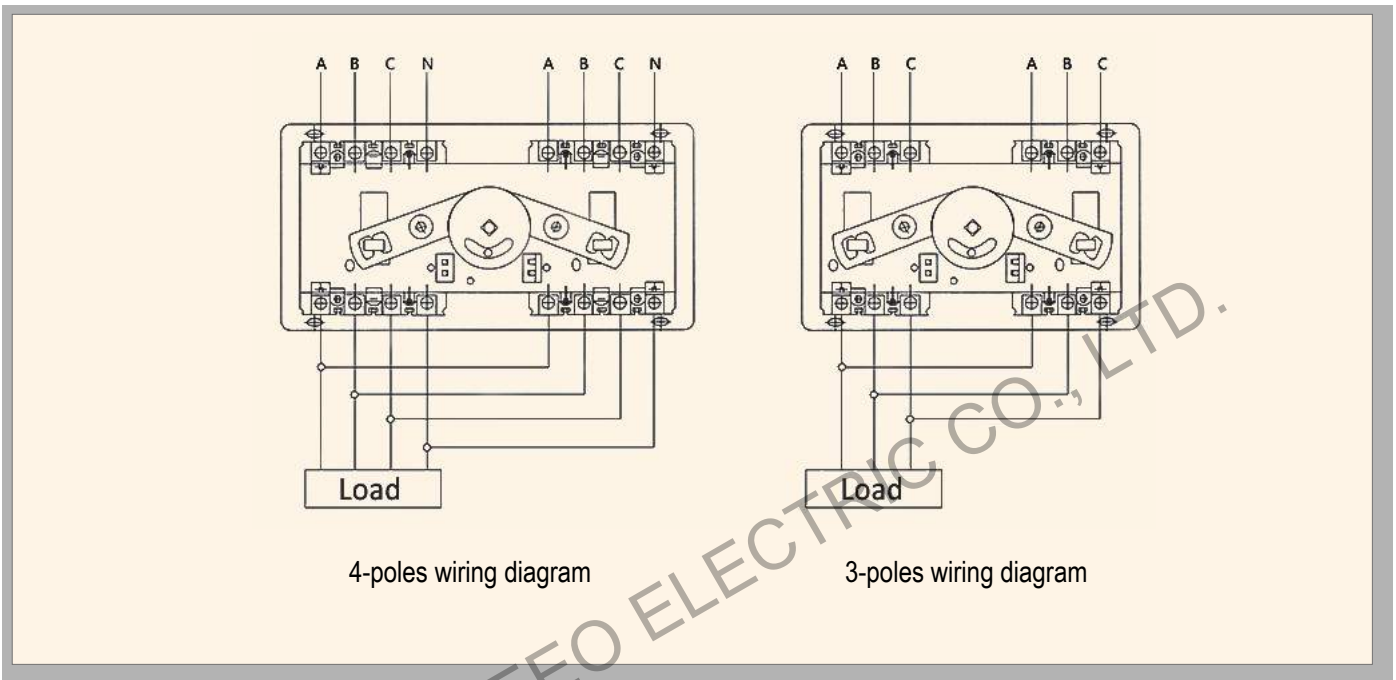
Model	FTSM-63	FTSM-100	FTSM-225	FTSM-400	FTSM-630
Standard	GB/T 14048.11				
Electrical Characteristic Parameter					
Shell Frame Current	63A	100A	225A	400A	630A
Rated Current In (A)	10,16,20,25,32,40,50,63	25,32,40,50,63,80,100	100,125,140,160,180,200,225	225,250,315,350,400	400,500,630
Rated Operating Voltage Ue	AC400V 50Hz				
Rated Insulation Voltage Ui	AC500V	AC800V	AC800V	AC800V	AC800V
Rated Impulse Withstand Voltage Uimp	6KV	8KV	8KV	8KV	8KV
Switching Poles	3P, 4P				
Life Times	6000	6000	6000	4000	3000
Use Category	AC-33iB				
Electrical Level	CB Class				
Protection Level	IP30				
Control Characteristic Parameter					
Rated Control Supply Voltage Us	AC230V 50Hz				
Switching Time	≤3s	≤3s	≤3s	≤4s	≤4s

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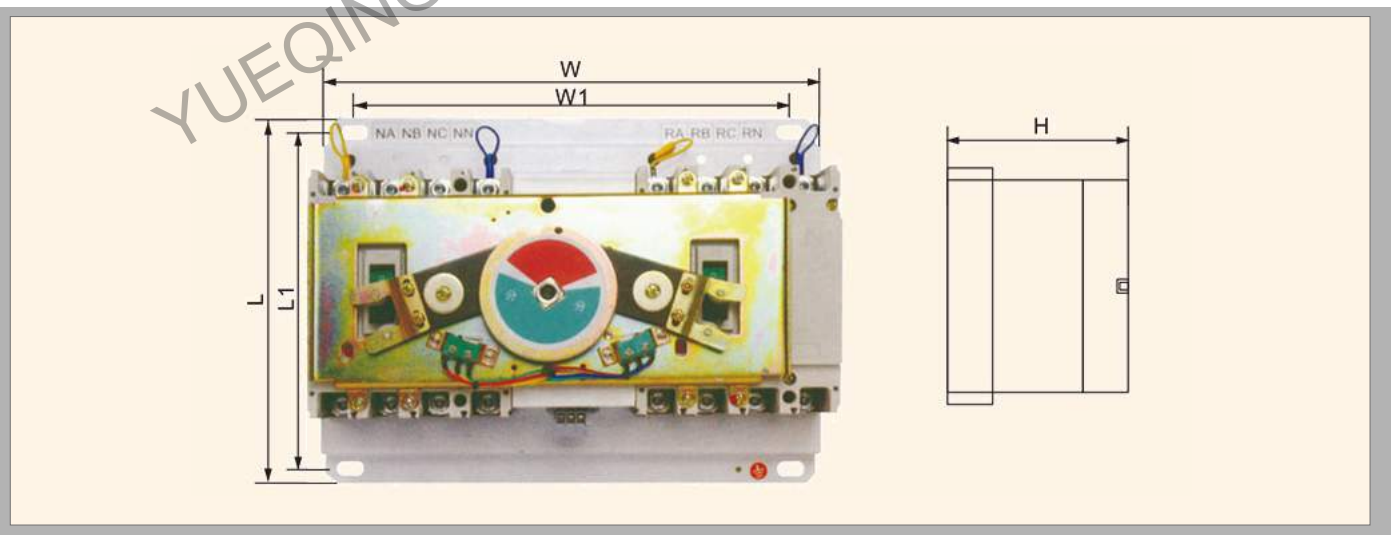
installation

When installing wiring, normal power N should be access to normal power supply circuit breaker QN, ready power R should be access to ready power supply circuit breaker QR. When QN and QR is 4 poles circuit breaker, wiring mode according to the wiring diagram, which QN and QR's 1, 3, 5 are three-phase (A, B, C) into line terminals, 2, 4, 6 are three-phase outgoing line terminals, 7 is zero line (N) into line terminal, 8 is zero line outgoing line terminal. If the use of 3 poles circuit breaker, the normal power N's zero line (NN) and ready power R's zero line (NR) must be respectively received on 3 poles special connection zero line terminal. Specific see wiring diagram. Dual power transfer switch automatic controller's work power supply circuit breaker QN and QR's into line terminal A and zero line N, in the automatic power switch installation, wiring process, Do not let the local controller to forget to connect the signal line, touch off or short circuit and so on, otherwise can not work.

Main circuit wiring diagram



Dimension



Type	External dimensions			Installation dimensions	
	W	L	H	W1	L1
FTSM-63/3P,4P		290×240×135		255×220	
FTSM-100/3P,4P		320×240×140		285×220	
FTSM-225/3P,4P		370×240×160		335×220	
FTSM-400/3P,4P		525×330×190		465×300	
FTSM-630/3P,4P		650×330×190		585×300	