

### TSM21 series Moulded Case Circuit Breaker

#### APPLICATION

TSM21 Series of moulded case circuit breaker is one of our new type products developed and manufactured by adopting international advanced technology. It is supplied with rated insulating voltage 660V and used for circuit of A.C.50Hz, rated operating voltage AC 380V. (Or below), rated operating current up to 800A for infrequent changing over and starting of the motors. Equipped with the protection devices for over-current, short circuit and under voltage, the products are capable of preventing damage of circuits and supply units.

#### CLASSIFICATION

Accord to product poles. Two kinds of three-pole are provided  
The neutral pole(N pole) of four poles has four types

#### MAIN TECHNICAL SPECIFICATIONS



TSM21-400L/3300



TSM21-400M/3300



TSM21-400H/3300

Frame current(A)	400				
Type	TSM21-400C	TSM21-400L	TSM21-400M	TSM21-400H	
Rated current(A)	225, 250, 315, 350, 400				
Number of poles (P)	3	3	3	4	3
Rated insulation voltage Ui(V)	AC690V				
Rated working voltage Ue(V)	AC400V, AC690V				
Arc distance(mm)	≥ 100				
Limited short capacity	AC690V	35	15		
Ics(kA)	AC400V	50	65	100	
Working short capacity	AC690V	15			
Ics(kA)	AC400V	25	35	42	65
Operated characteristics	On	2000			
(times)	Off	4000			
Dimensions(mm)	W	150	150	198	150
	L	257	150	257	
	H	105	106.5		
Shunt trip		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under voltage trip		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary block		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning block		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motor operation structure		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Running handle operation structure		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maximum proportion of copper wire	240mm <sup>2</sup>				

