

### 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



TSM21-100L/3300



TSM21-100M/3300



TSM21-100H/3300

#### MAIN TECHNICAL SPECIFICATIONS

Frame current(A)	100			225		
Type	TSM21-100L	TSM21-100M	TSM21-100H	TSM21-225		
Rated current(A)	(6), 16, 20, 25, 32, 40, 50, 63, 80, 100			100, 125, 140, 160, 180, 200, 225		
Number of poles (P)	3	3	4	3	2	
Rated insulation voltage Ui(V)	AC690V					
Rated working voltage Ue(V)	AC400V, AC690V			DC250V, AC400V		
Arc distance(mm)	0 ( > 50)*					
Limited short capacity	AC690V	20				
Ics(kA)	AC400V	35	50	85	50	
	DC250V	20				
Working short capacity	AC690V	10				
Ics(kA)	AC400V	22	35	50	18	
	DC250V	15				
Operated characteristics (times)	On	6000				
	Off	8500				
Dimensions(mm)	W	92	92	122	92	75
	L	150	150	150	150	165
	H	68	86	86	86	103
Shunt trip	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Auxiliary block	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Motor operation structure	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Maximum proportion of copper wire					50mm <sup>2</sup>	