

### 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



TSM21-63L/3300



TSM21-63M/3300



TSM21-63H/3300

#### MAIN TECHNICAL SPECIFICATIONS

Frame current(A)	63			100	
Type	TSM21-63L	TSM21-63M	TSM21-100	TSM21-100C	
Rated current(A)	(6), 10, 16, 20, 25, 32, 40, 50, 63			10, 16, 20, 25, 32, 40, 50, 63, 80, 100	
Number of poles (P)	3	3	4	2	3
Rated insulation voltage Ui(V)	AC500V			AC690V	
Rated working voltage Ue(V)	AC400V			DC250V AC400V	AC400V
Arc distance(mm)	0			≥ 50	0( ≥ 50)
Limited short capacity	AC690V				
Ics(kA)	AC400V	25	50	50	25
	AC250V			20	
Working short capacity	AC690V				
Ics(kA)	AC400V	18	35	35	18
	AC250V			15	
Operated characteristics	On			6000	
(times)	Off			8500	
Dimensions(mm)	W	78	78	103	65
	L	135	135	150	150
	H	73.5	81.5	86	68
Shunt trip	○ ○ ○ ○ ○				
Under voltage trip	○ ○ ○ ○ ○				
Auxiliary block	○ ○ ○ ○ ○				
Warning block	○ ○ ○ ○ ○				
Motor operation structure	○ ○ ○ ○ ○				
Running handle operation structure	○ ○ ○ ○ ○				
Maximum proportion of copper wire	35mm <sup>2</sup>				