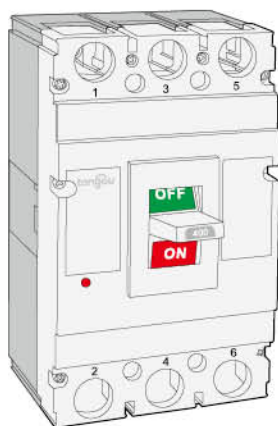


## Circuit protection

### Switch-disconnector



# TOS1 Series Moulded Case Circuit Breaker



IEC 60947-2

EN 60947-2

### Outline and Mounting Dimension

TOS1 series moulded case circuit breaker is one of products developed and manufactured by adopting international advanced technology. It is supplied with rated insulating voltage 550 and 800V and used for circuit of AC 50/60Hz, rated operating voltage AC 400V (or below), rated operating current up to 1600A for infrequent changing over and starting of the motors. The products conform to IEC60947-2 standard.

### Main Technical Specification

Table 1

Type	Rated current (A)	Pole	Rated insulating voltage (V)	Rated operating voltage (V)	Arcing-over distance (mm)	Ultimate short circuit breaking capacity (kA)	Services short circuit breaking capacity (kA)	Operation performance		Utilization category
								Load	Unload	
TOS1-63	(6),10,16,20,25,32,40,50,63	3, 4	500V	400V	0	50	35	1500	8500	A
TOS1-125	(10),16,20,25,32,40,50,63,80,100,125				0( ≤ 50)	50	35			
TOS1-250	100, 125, 160, 180, 200, 225, 250				≤ 50	50	35			
TOS1-400	315, 350, 400				≤ 100	65	42	1000	4000	
TOS1-630	400, 500, 630				≤ 100	100	65			
TOS1-800	630, 700, 800	3	800V	400V	≤ 100	100	65			
TOS1-1250	1000, 1250				≤ 100	125	75			
TOS1-1600	1600				≤ 100	150	80			

Note: 6A without thermal protection

The N-pole of four-poles breaker is sited at the right side of the product has four types:

Type A: Without current trip-release on N pole which making all the time, not closing and opening with the other three poles.

Type B: Without current trip-release on N pole which closing and opening with the other poles.

Type C: With current trip-release which closing and opening with the other three poles.

Type D: With current trip-release which making all the time not closing and opening with the other three poles.