

Overview of TD/TS family

Susol

Frame size			[AF]
Rated current In			[A]
No. of Poles			
Rated operational voltage, Ue AC			[V]
UL interrupting rating			[kA]
AC 50/60Hz	120V		
	240 V		
	480 V		
	600 V		
Reference standard			
Trip unit (Thermal-Magnetic)			
● Fixed-thermal, Fixed-magnetic		FTU	
● Adjustable-thermal, Fixed-magnetic		FMU	
● Adjustable-thermal, Adjustable-magnetic (3Pole)		ATU	
● Magnetic only		MTU	
● Molded Case Switch		MCS	
Variable accessories			
AX			
AL			
SHT			
UVT			
Extended rotary handle			
Flange handle			
Locking devices (Removable, Fixed)			
Mechanical interlock device			
Mechanical life			[operations]
Electrical life @600V AC			[operations]
Weight 3-Pole			[lbs/kg]
Basic dimension, W × H × D 3-Pole			[inch/mm]

TD series



TD125U

125

15, 20, 30, 40, 50, 60, 80, 100, 125

2, 3

600

NU	HU
50	100
50	100
35	65
10	14

UL 489

●
●
-
-
●
●
●
●
●
●
●
●
4,000
4,000
2.65/1.2
3.54 × 6.46 × 3.39/90 × 164 × 86

Overview of TD/TS family

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TS series



TS250U		TS400U		TS800U	
250		400		800	
150, 160, 175, 200, 225, 250		300, 350, 400		500, 600, 700, 800	
2, 3		2, 3		2, 3	
600		600		600	
NU	HU	NU	HU	NU	HU
50	100	50	100	50	100
35	65	35	65	35	65
10	18	14	20	18	25
UL 489		UL 489		UL 489	
•		•		•	
•		•		•	
• (3 φ)		• (3 φ)		• (3 φ)	
•		-		-	
•		•		•	
•		•		•	
•		•		•	
•		•		•	
•		•		•	
•		•		•	
•		•		•	
•		•		•	
5,000		5,000		3,000	
1,000		1,000		500	
4.19/1.9		12.57/5.7		29.98/13.6	
4.13 × 7.01 × 3.39/105 × 178 × 86		5.51 × 11.50 × 4.33/140 × 292 × 110		8.27 × 16.85 × 5.31/210 × 428 × 135	

MCCBs for power distribution

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Thermal magnetic trip FTU, FMU for TS250U ATU for TS250U

Setting details

Thermal overload protection

Trip unit type		Setting	Trip unit rating, In (A)					
			150	160	175	200	225	250
TS250U FTU	TS250U FMU	Fixed	150	-	175	200	225	250
		0.8	-	128	-	160	-	200
TS250U ATU		0.9	-	144	-	180	-	225
		1	-	160	-	200	-	250
		0.8	-	128	-	160	-	200
		0.9	-	144	-	180	-	225
		1	-	160	-	200	-	250

Magnetic short-circuit protection

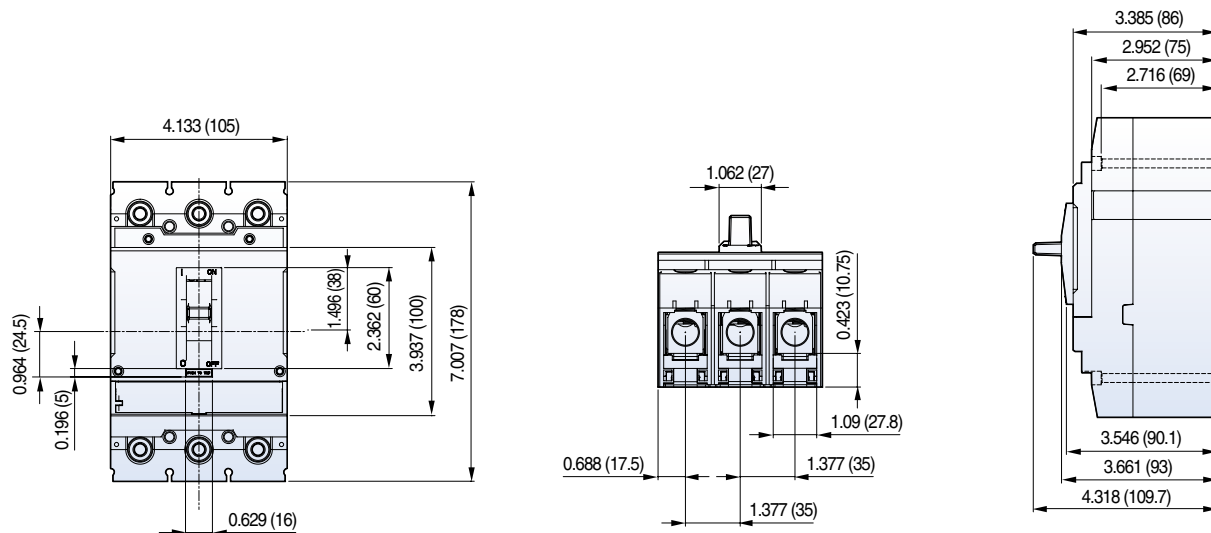
Trip unit type		Setting current, I _r	Setting current, I _m		Trip unit rating, I _n (A)					
					150	160	175	200	225	250
TS250U FTU	TS250U FTU		Fixed	I _n × 10	1500	-	1750	2000	2250	2500
	TS250U FMU	0.8 × I _n	Fixed	I _n × 10	-	-	-	2000	-	2500
		0.9 × I _n	Fixed	I _n × 10	-	-	-	2000	-	2500
1.0 × I _n		Fixed	I _n × 10	-	-	-	2000	-	2500	
TS250U ATU	0.8 × I _n	Adjustable	I _n × 5	-	800	-	1000	-	1250	
			I _n × 6	-	960	-	1200	-	1500	
			I _n × 7	-	1120	-	1400	-	1750	
			I _n × 8	-	1280	-	1600	-	2000	
			I _n × 9	-	1440	-	1800	-	2250	
			I _n × 10	-	1600	-	2000	-	2500	
	0.9 × I _n	Adjustable	I _n × 5	-	800	-	1000	-	1250	
			I _n × 6	-	960	-	1200	-	1500	
			I _n × 7	-	1120	-	1400	-	1750	
			I _n × 8	-	1280	-	1600	-	2000	
			I _n × 9	-	1440	-	1800	-	2250	
			I _n × 10	-	1600	-	2000	-	2500	
	1.0 × I _n	Adjustable	I _n × 5	-	800	-	1000	-	1250	
			I _n × 6	-	960	-	1200	-	1500	
			I _n × 7	-	1120	-	1400	-	1750	
			I _n × 8	-	1280	-	1600	-	2000	
			I _n × 9	-	1440	-	1800	-	2250	
			I _n × 10	-	1600	-	2000	-	2500	

Overall dimensions

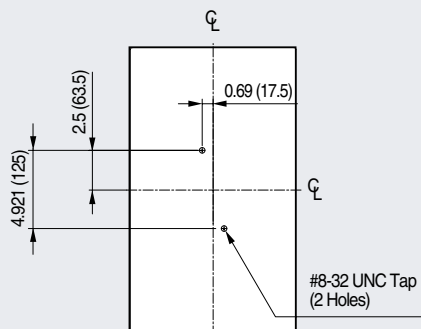
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TS250U

Dimensions : inch (mm)



**Circuit breaker mounting
bolt drilling plan**



**Circuit breaker
escutcheon dimensions**

