

# TP|T|TB|TF

## Door mounting switch

1P up to 12P

Size 0  
A 10|12|16|20|25|32



### Technical information



According to IEC/EN 60947-3  
UL508 - CAN/CSA C22.2 N° 14

According to IEC 60947-3		TP10	T12	T20	TB20	TB25	TB32	TF12	TF16	TF25	
Rated thermal current	I <sub>th</sub>	A	12	16	25	20	25	20	25	32	
Rated insulation voltage	U <sub>i</sub>	V	500	500	500	500	500	690	690	690	
Rated impulse withstand voltage	U <sub>imp</sub>	kV	4	6	6	6	6	6	6	6	
AC rated operational current	I <sub>e</sub>	Ue 415V AC13A A	10	-	-	-	-	-	-	-	
		Ue 415V AC21A A	12	16	25	20	25	32	20	25	32
		Ue 415V AC22A A	12	16	25	20	25	32	20	25	32
		Ue 415V AC23A A	10	-	-	20	25	32	-	-	-
		Ue 500V AC21A A	-	16	20	20	25	32	-	-	-
		Ue 500V AC22A A	-	16	20	20	25	32	-	-	-
		Ue 500V AC23A A	-	-	-	16	20	25	-	-	-
		Ue 690V AC21A A	-	-	-	-	-	-	16	25	32
		Ue 690V AC22A A	-	-	-	-	-	-	16	25	25
		Ue 690V AC23A A	-	-	-	-	-	-	-	-	-
AC rated operational power (Rated operational frequency 50/60 Hz)	P <sub>e</sub>	3x240V AC23A kW	3	4	4	5,4	6,7	8,6	4	5,5	7,5
		3x240V AC3 kW	2,2	3	4	3,7	4,6	5,9	4	5,5	5,5
		3x240V AC4 kW	-	1,1	1,5	2,9	3,7	4,6	1,5	2,2	3
		1x240V AC3 kW	-	1,5	2,2	2,1	2,7	4	2,2	3	4
		1x240V AC4 kW	-	0,37	0,55	1	1,25	1,5	0,55	0,75	1,1
		3x415V AC23A kW	4,6	5,5	7,5	9,3	11,7	15	7,5	11	11
		3x415V AC3 kW	4	4	5,5	6,4	8	10,3	5,5	7,5	7,5
		3x415V AC4 kW	-	2,2	3	3,1	3,8	5,5	3	4	5,5
		1x400V AC3 kW	-	2,2	3	3,6	4,5	5,7	3	4	5,5
		1x400V AC4 kW	-	0,75	1,1	1,7	2,2	3	1,1	1,5	1,5
		3x500V AC23A kW	-	5,5	7,5	9	11	14	7,5	11	11
		3x500V AC3 kW	-	4	7,5	7,8	9,7	12,5	7,5	7,5	11
3x690V AC23A kW	-	-	-	-	-	-	7,5	11	15		
3x690V AC3 kW	-	-	-	-	-	-	5,5	7,5	11		
3x690V AC4 kW	-	-	-	-	-	-	3	4	5,5		
Rated conditional short-circuit current	kA	5	10	10	5	5	5	5	5	5	
Rated maximum current	gL-gG	A	16	25	25	35	35	35	20	25	32
Rated breaking capacity	400V; cos φ=0,45	A	80	80	100	160	200	256	100	160	200
Rated short-time withstand current (1 sec)	A	100	240	400	240	400	500	350	400	500	
Mechanical durability (thousand of operations)		2000	1000	1000	1000	1000	1000	1000	1000	1000	
Rigid copper conductor	mm <sup>2</sup>	2x4	2x4	2x4	1x10 2x6	1x10 2x6	1x10 2x6	1x10	1x10	1x10	
Flexible copper conductor	mm <sup>2</sup>	2x2,5	2x2,5	2x2,5	1x6 2x4	1x6 2x4	1x6 2x4	1x6	1x6	1x6	
According to UL508 - CAN / CSA C22.2 N° 14			T12	T20				TF12	TF16	TF25	
Rated thermal current	I <sub>th</sub>	A	-	12	20	-	-	16	20	25	
General use rating	Vac	-	300	300	-	-	-	600	600	600	
AC rated operational power	3x240V HP	-	2	5	-	-	-	2	5	7,5	
	3x480V HP	-	-	-	-	-	-	5	10	12	
	3x600V HP	-	-	-	-	-	-	5	10	15	

#### Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frequency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

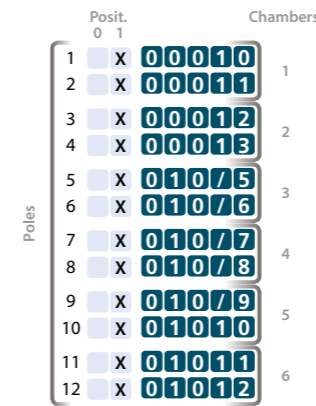
Rated duties at utilization categories AC3 and AC4: Intermittent; temporary.



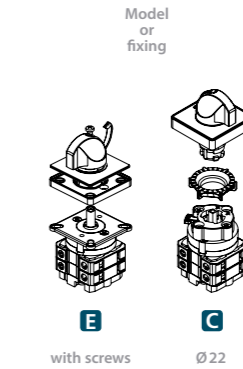
#### Series | Amp

- TP-0010
- T-00012
- T-00020
- TB-0020
- TB-0025
- TB-0032
- TF-0012
- TF-0016
- TF-0025

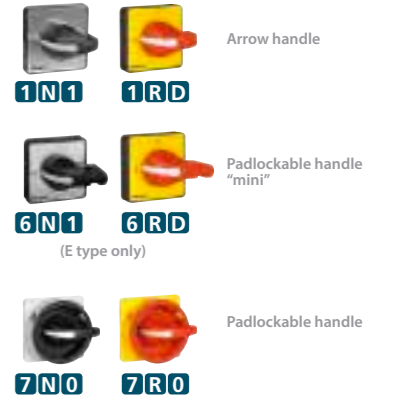
#### Diagram



#### Type



#### Plate and handle



### Dimensions (mm)

