

T|TB|TF

Base mounting switch with clutch 1P to 12P

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



Series | Amp

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

Diagram

Posit.	Chambers	Type
1	X 00010	Model or fixing
2	X 00011	
3	X 00012	
4	X 00013	
5	X 01075	
6	X 01076	
7	X 01077	F
8	X 01078	
9	X 01079	
10	X 01010	
11	X 01011	
12	X 01012	

Type

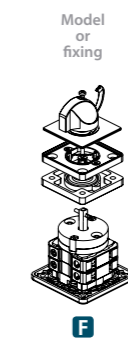
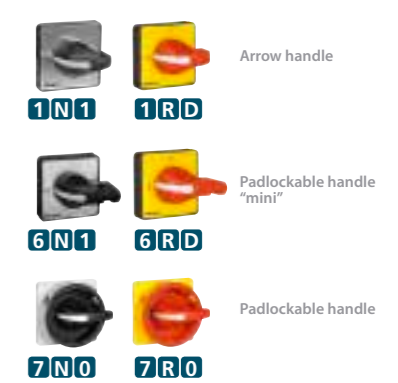


Plate and handle



Technical information



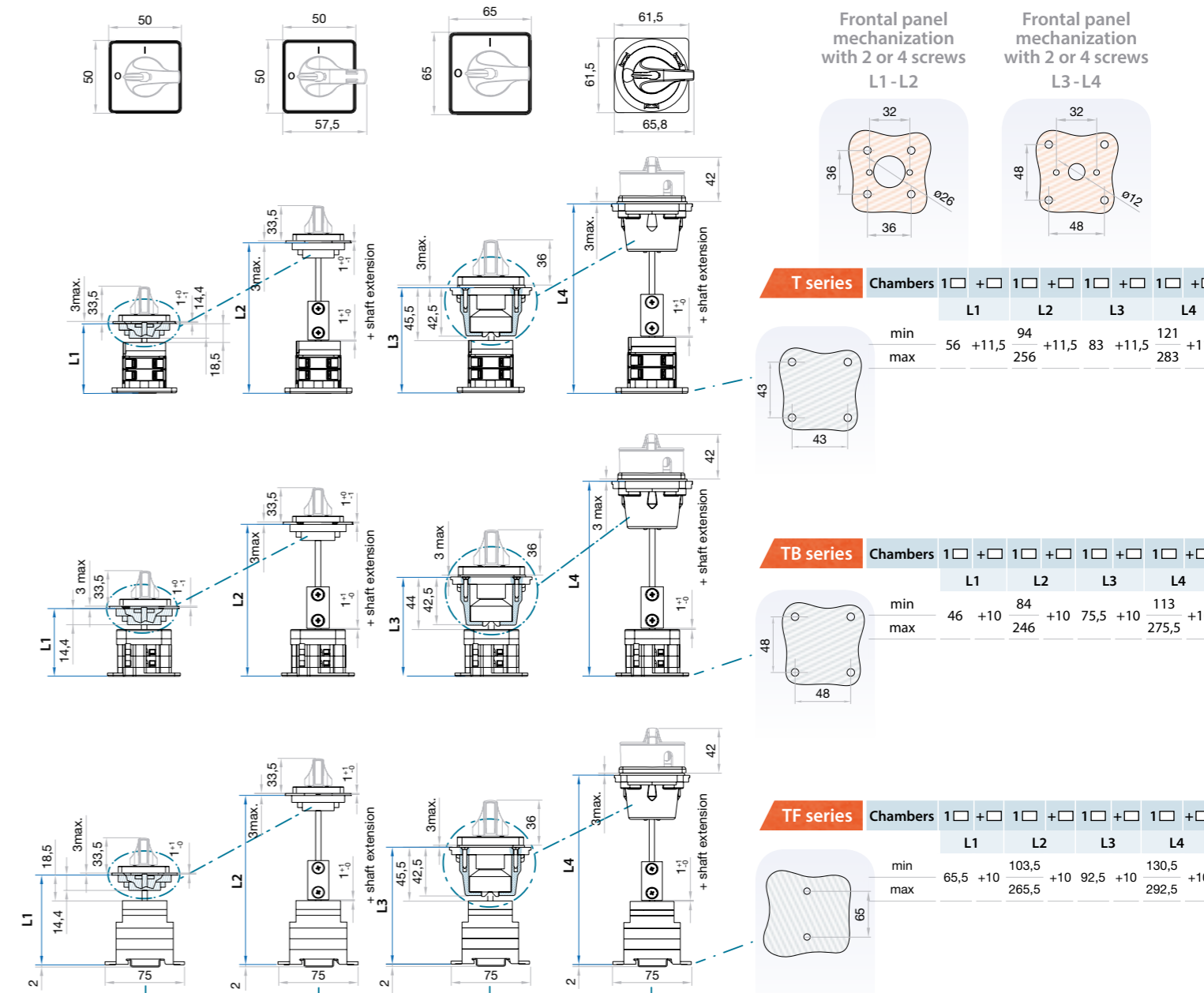
According to IEC/EN 60947-3
UL508 - CAN/CSA C22.2 N° 14

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

Dimensions (mm)



T series

Chambers	1	2	3	4
min	56	94	83	121
max	11,5	256	11,5	283

TB series

Chambers	1	2	3	4
min	46	84	75,5	113
max	10	246	10	275,5

TF series

Chambers	1	2	3	4
min	65,5	103,5	92,5	130,5
max	10	265,5	10	292,5

IEC60715/TH35-7,5
DIN46277

>> More accessories of these series, see page xx