



Techno Solar



technoelectric®
s.r.l.

Interruttori di manovra sezionatori
Switch disconnectors



Codice ordinazione / Reference code

Tensione nominale d'isolamento U_i (V) / Rated insulation voltage U_i (V)
Corrente nominale termica I_{th} (A a 40° C) / Rated thermal current I_{th} (A a 40° C)
Tensione nominale impulso U_{imp} (kV) / Impulse withstand voltage U_{imp} (kV)
Tensione nominale d'impiego in DC-20 / Rated operational voltage u_i in DC-20

TS013M

TS014M

1500

1500

25A

30A

8

8

1000V

1000V

Corrente nominale I_n (A) in DC21
Rated operational current I_n (A) in DC21

400Vdc

25

30

500Vdc

25

30

600Vdc

15

20

750Vdc

10

15

800Vdc

10

15

1000Vdc

-

-

N° di poli in serie / N° of poles in series

3

4

Corrente breve durata per 1 sec a 400V (kA) / Short-circuit withstand current 1 sec. a 400V (kA)

1,1

1,1

Massima dimensione cavo Cu (mmq) / Max cable section Cu (mm²)

16

16

Massima torsione terminali (NM) / Max terminal torque (NM)

2

2

Sforzo di manovra (nm) / Operating torque (nm)

1,6

1,6

Durata meccanica (N° manovre) / Mechanical endurance (N° of operations)

50.000

50.000

Peso netto (kg) / Net weight (kg)

0,13

0,16

Comando diretto (per uso in centralino) / Direct operation (for use on modular panels)

si

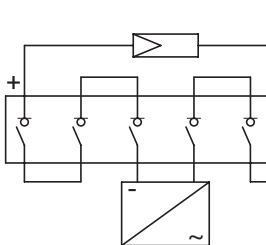
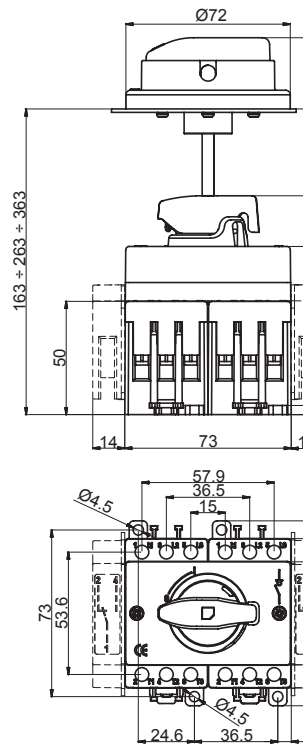
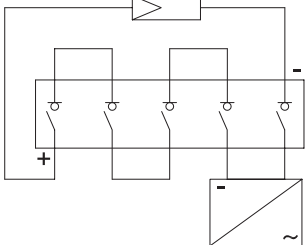
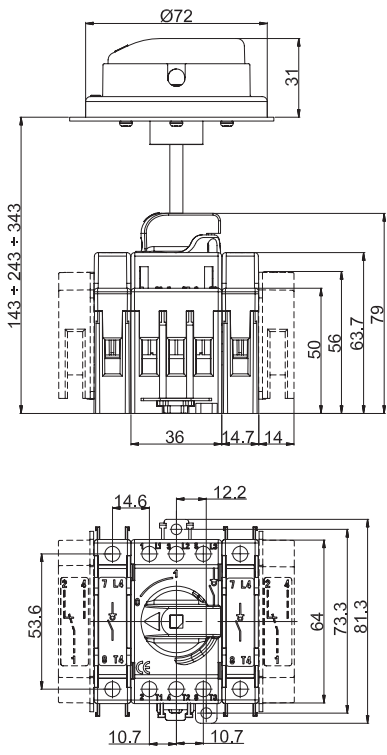
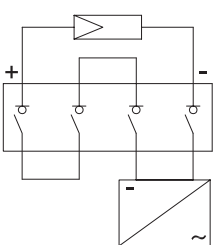
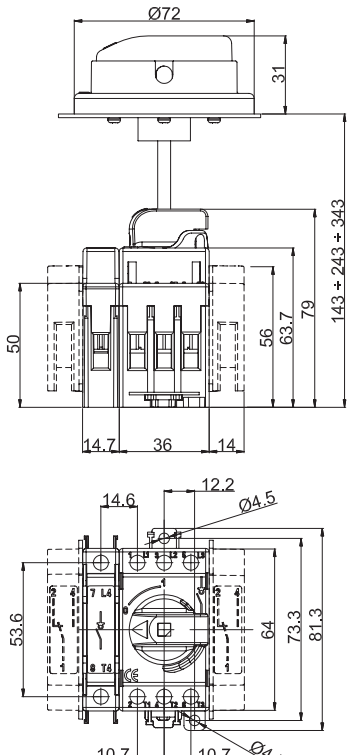
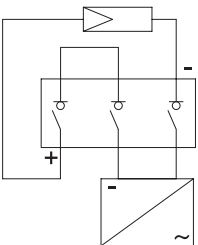
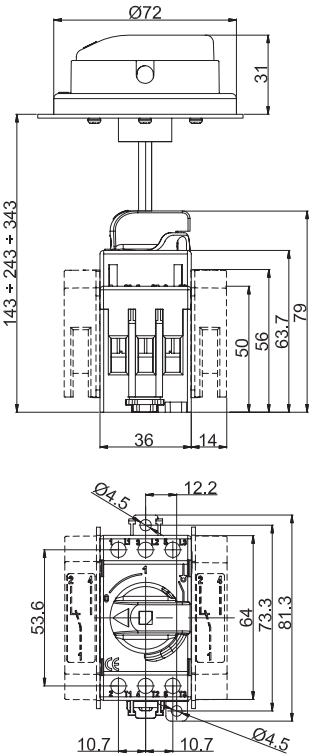
si

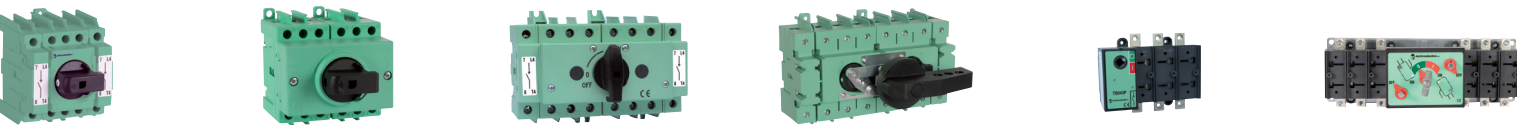
TS013M

TS014M

TS015M

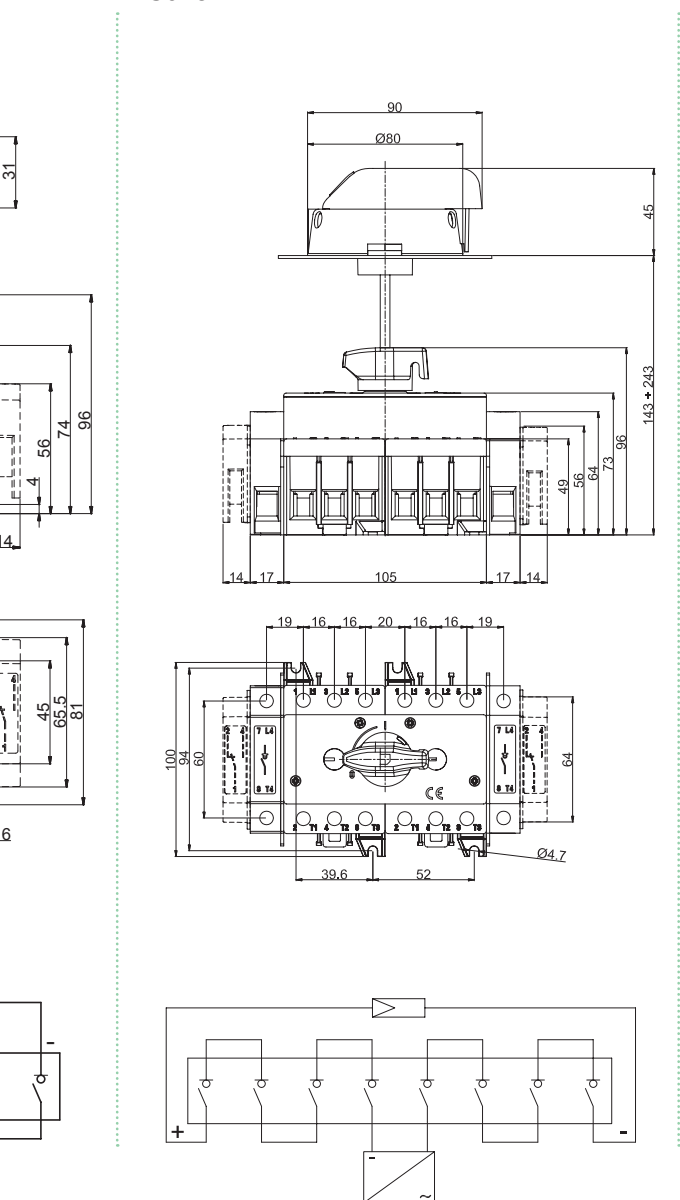
TS016M



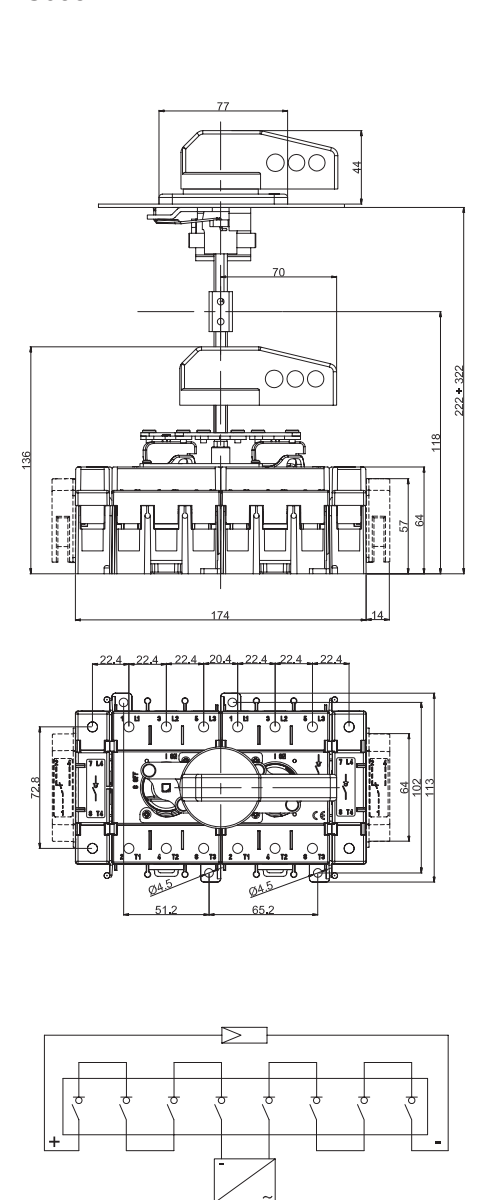


TS015M	TS016M	TS028M	TS038M	TS043P	TS046P
1500	1500	1500	1500	1500	1500
35A	40A	60A	80A	80A	100A
8	8	8	8	8	8
1000V	1000V	1000V	1000V	1000V	1000V
35	40	60	80	80	100
35	40	45	65	60	100
25	40	40	60	30	80
20	25	30	40	30	80
20	25	30	40	30	80
-	-	-	-	-	-
5	6	8	8	3	6
1,1	1,1	1,5	3	5	5
16	16	35	70	50÷70	50÷70
2	2	2,5	6	-	-
1,6	1,6	1,6	2,6	16	16
50.000	50.000	30.000	30.000	10.000	10.000
0,19	0,30	0,65	1,05	0,9	2,2
si	si	si	no	no	no

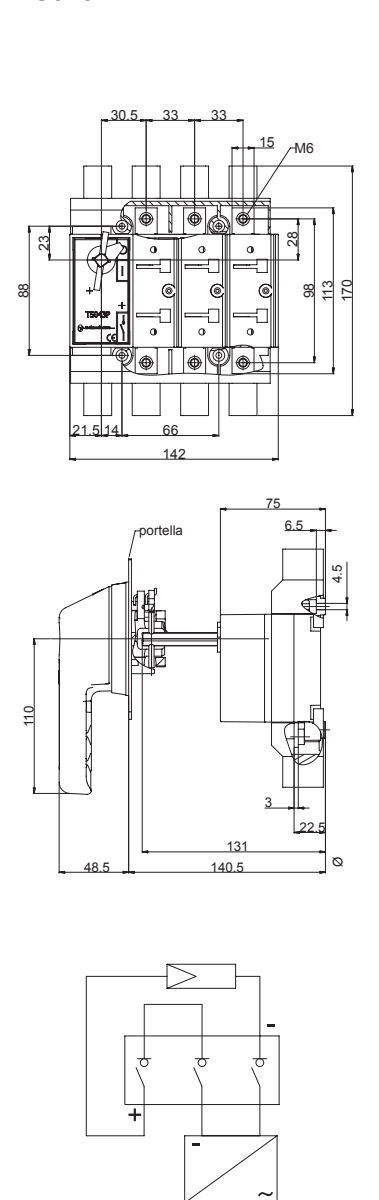
TS028M



TS038M



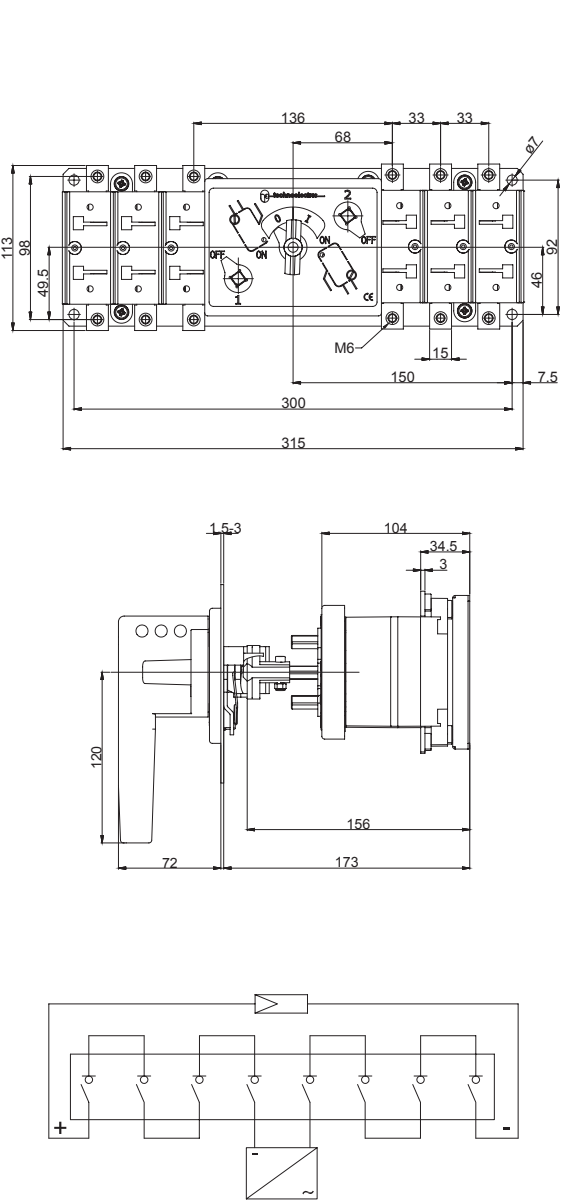
TS043P



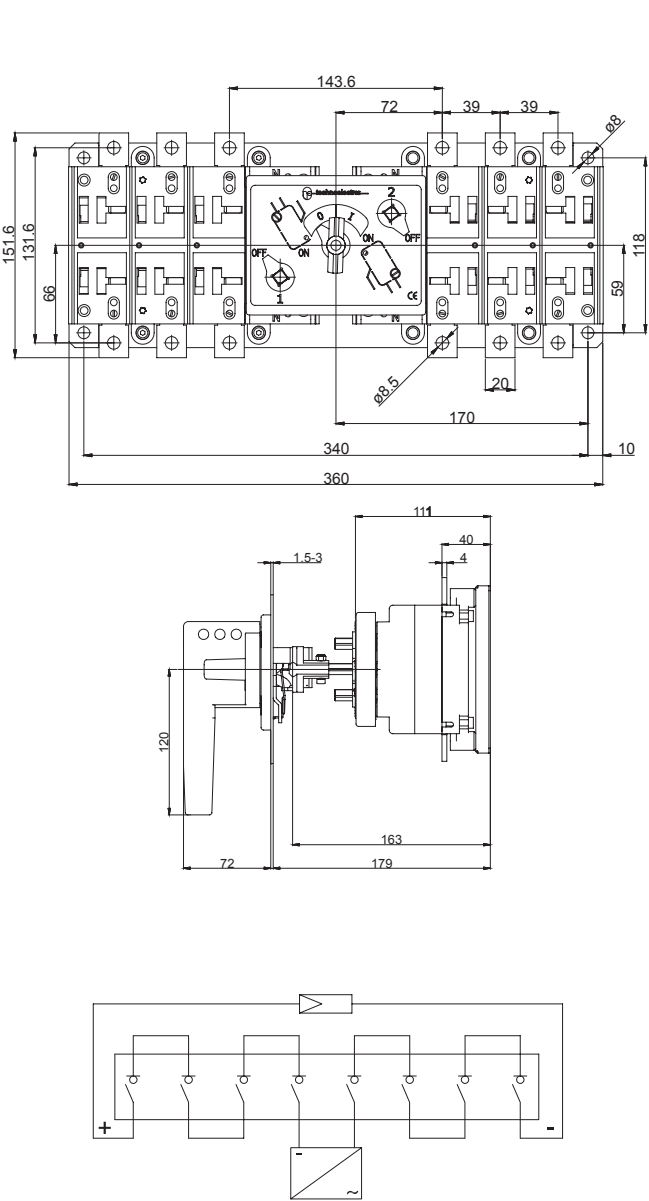


TS056P	TS063P	TS073P	TS083P	TS093P	TS103P
1500	1500	1500	1500	1500	1500
250A	400A	800A	800A	1000A	1250A
12	12	12	12	12	12
1000V	1000V	1000V	1000V	1000V	1000V
250	400	800	800	1000	1250
160	400	630	800	1000	1250
125	300	400	800	1000	1250
125	300	350	800	1000	1250
125	300	350	800	1000	1250
-	-	-	800	1000	1250
6	3	3	3	3	3
8	12	26,5	35	50	50
70÷120	185÷300	300÷480	2x240 2x50x5	2x50x6	2x50x8
-	-	-	-	-	-
24	18	34	45	70	70
10.000	8.000	8.000	5.000	5.000	5.000
3,4	3,5	5,5	11	11	11
no	no	no	no	no	no

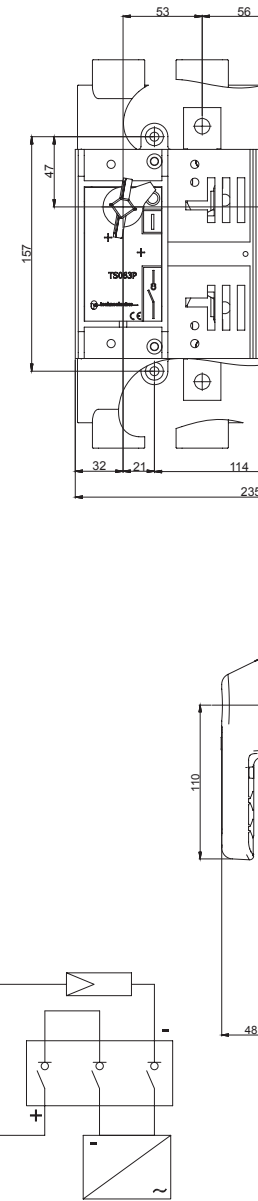
TS046P



TS056P



TS063P

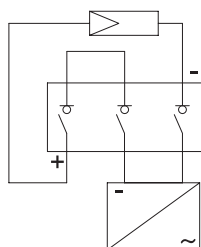
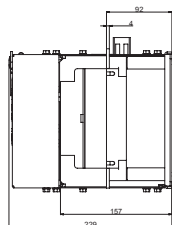
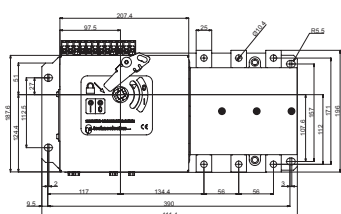


Interruttori di manovra sezionatori motorizzati

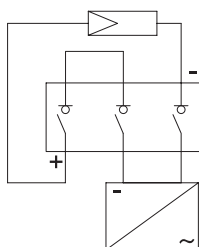
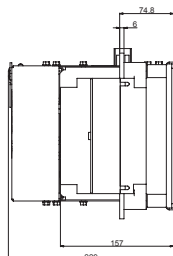
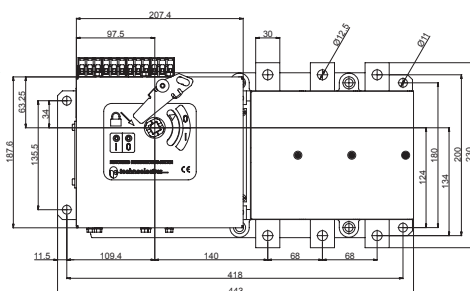


Codice ordinazione / Reference code	TS063PMS	TS073PMS	TS083PMS	TS093PMS	TS103PMS
Tensione nominale d'isolamento Ui (V) <i>Rated insulation voltage Ui (V)</i>	1500	1500	1500	1500	1500
Corrente nominale termica Ith (A a 40° C) <i>Rated thermal current Ith (A a 40° C)</i>	400A	800A	800A	1000A	1250A
Tensione nominale impulso Uimp (kV) <i>Impulse withstand voltage Uimp (kV)</i>	12	12	12	12	12
Tensione nominale d'impiego in DC-20 <i>Rated operational voltage ui in DC-20</i>	1000V	1000V	1000V	1000V	1000V
Corente nominale In (A) in DC21 <i>Rated operational current In (A) in DC21</i>					
400Vdc	400	800	800	1000	1250
500Vdc	400	630	800	1000	1250
600Vdc	300	400	800	1000	1250
750Vdc	300	350	800	1000	1250
800Vdc	300	350	800	1000	1250
1000Vdc	-	-	800	1000	1250
N° di poli in serie / N° of poles in series	3	3	3	3	3
Corrente breve durata per 1 sec a 400V (kA) <i>Short-circuit withstand current 1 sec. a 400V (kA)</i>	12	26,5	35	50	50
Massima dimensione cavo Cu (mmq) <i>Max cable section Cu (mm²)</i>	185÷300	300÷480	2x240 2x50x5	2x50x6	2x50x8
Sforzo di manovra (nm) / Operating torque (nm)	18	34	45	70	70
Durata meccanica (N° manovre) <i>Mechanical endurance (N° of operations)</i>	8.000	8.000	7.000	4.000	4.000
Peso netto (kg) / Net weight (kg)	3,5	5,5	11	11	11
Comando diretto (per uso in centralino) <i>Direct operation (for use on modular panels)</i>	no	no	no	no	no

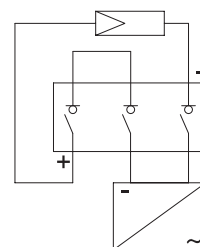
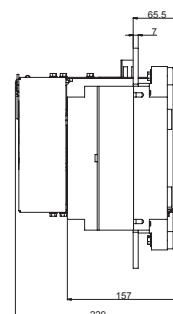
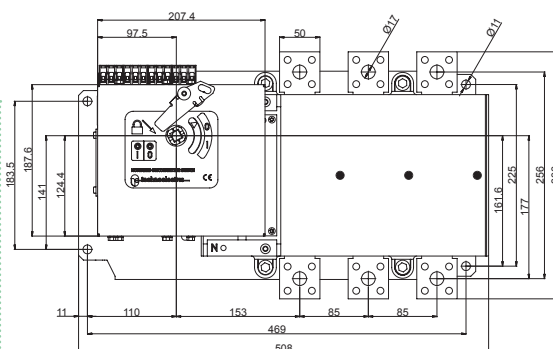
TS063PMS



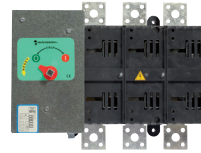
TS073PMS



TS083PMS - TS093PMS

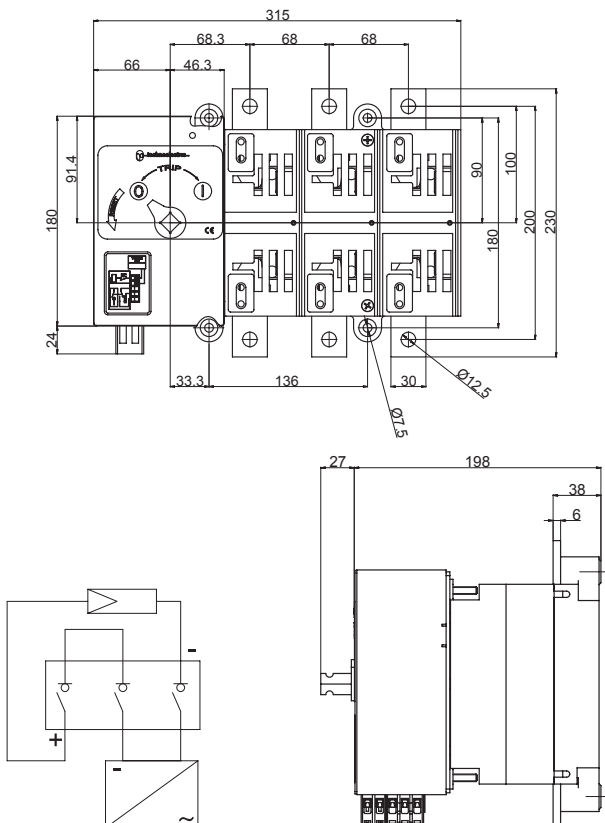


Interruttori di manovra sezionatori con bobina Switch disconnectors with tripping device

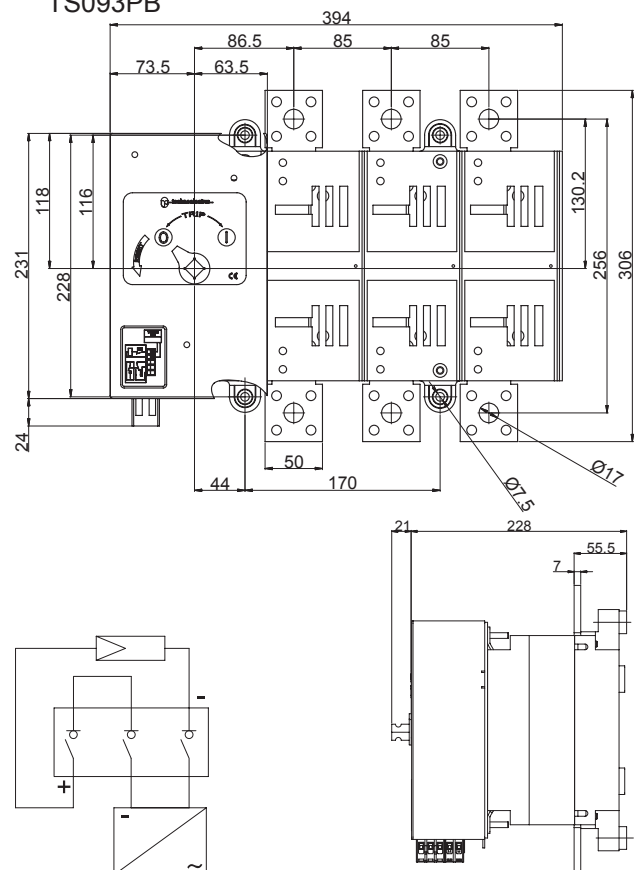


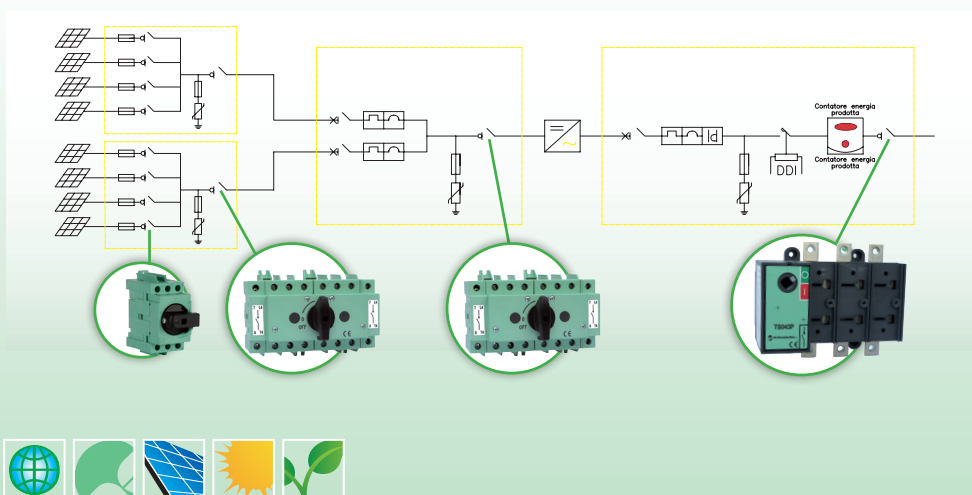
	24 V cc/DC	TS073PB	TS083PB	TS093PB	TS103PB
Codice ordinazione Reference code	48 V cc/DC	TS073PB1	TS083PB1	TS093PB1	TS103PB1
	110 V cc/DC	TS073PB2	TS083PB2	TS093PB2	TS103PB2
V aux bobina V aux coil	110 V ca/AC	TS073PB3	TS083PB3	TS093PB3	TS103PB3
	220 V ca/AC	TS073PB4	TS083PB4	TS093PB4	TS103PB4
Tensione nominale d'isolamento U_i (V) Rated insulation voltage U_i (V)		1500	1500	1500	1500
Corrente nominale termica I_{th} (A a 40° C) Rated thermal current I_{th} (A a 40° C)		800A	800A	1000A	1250A
Tensione nominale impulso U_{imp} (kV) Impulse withstand voltage U_{imp} (kV)		12	12	12	12
Tensione nominale d'impiego in DC-20 Rated operational voltage u_i in DC-20		1000V	1000V	1000V	1000V
Corrente nominale I_n (A) in DC21 Rated operational current I_n (A) in DC21					
400Vdc		800	800	1000	1250
500Vdc		630	800	1000	1250
600Vdc		400	800	1000	1250
750Vdc		350	800	1000	1250
800Vdc		350	800	1000	1250
1000Vdc		-	800	1000	1250
N° di poli in serie / N° of poles in series		3	3	3	3
Corrente breve durata per 1 sec a 400V (kA) Short-circuit withstand current 1 sec. a 400V (kA)		26,5	35	50	50
Massima dimensione cavo Cu (mmq) Max cable section Cu (mm ²)		300÷480	2x240 2x50x5	2x50x6	2x50x8
Sforzo di manovra (nm) / Operating torque (nm)		34	45	70	70
Durata meccanica (N° manovre) Mechanical endurance (N° of operations)		8.000	7.000	4.000	4.000
Peso netto (kg) / Net weight (kg)		5,5	11	11	11
Comando diretto (per uso in centralino) Direct operation (for use on modular panels)		no	no	no	no

TS073PB



TS093PB





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