

Surge-Trap® Estraibile Tipo 2 - 40 kA

IEC SPD

DIN RAIL IEC TIPO 2 / CLASSE II



STP T2 40 è la serie di dispositivi di Tipo 2/Classe II per scaricare i picchi di tensione, secondo la EN/IEC 61643.

È adatto per la seconda fase di protezione nei quadri di distribuzione di alimentazione in cui i dispositivi di protezione di tipo 1 sono installati a monte, o per la prima fase di protezione in applicazioni commerciali o altro non esposte a fulminazioni dirette e senza sistema esterno di protezione contro i fulmini.

PRESENTAZIONE DATI TECNICI

Classe	Tipo 2 / Classe II
U_n	48V, 60V, 120/208V, 230/400V, 277/480V, 400/690V
I_{max}	40 kA
I_n (8/20)	20 kA
Corpo materiale	PA66 CT1; V-0
Tipo sistema	TT, TNS, TNC, IT
Numero poli	1,2,3,4
Format	Estraibile
Temperatura di esercizio	-40 ... 80 ° C
I_{cc}	25 kA
Codice IP	20
Fusibile back-up	125 A gG
Sezione cavo rigido	6 ... 25 mm ²
Sezione cavo rigido	6 ... 35 mm ²
Tempo di risposta	25 ns

CARATTERISTICHE E VANTAGGI

- Massima corrente di scarica (8/20 μ s): 40kA per fase
- Corrente nominale di scarica (8/20 μ s): 20kA per fase
- Reti TNS, TNC, TT e IT
- U_n (L-N/L-L): 48V, 60V, 120/208V, 230/400V, 277/480V, 400/690V e superiori
- Montaggio su guida DIN, estraibile
- Segnalazione visiva e remota di fine vita
- Chassis reversibile per consentire l'entrata dei cavi dall'alto o dal basso
- Cartucce meccanicamente codificate per evitare eventuali errori nella sostituzione delle cartucce
- Fusibile back-up: 125 A gG

APPLICAZIONI

- Industria e automazione
- Per installazioni commerciali e residenziali
- Telecomunicazioni e data centers
- Illuminazione a led per esterno
- Trattamento acque
- Sistemi di misurazione
- Fotovoltaico ed eolico

OMOLOGAZIONI

- IEC 61643-11
- EN 61643-11



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GAMMA PRODOTTI



STPT2-40K275V-1PM

1 Polo

Numero di catalogo	Numero riferimento	U _n	U _c	I _{max} (8/20)	I _n (8/20)	U _p at I _n	Remoto	Cartuccia	
								L-N	N-PE
L-N (1Ph)									
STPT2-40K150V-1P	83020104	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	No	SP2-40K150V	-
STPT2-40K150V-1PM	83020105	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	Si	SP2-40K150V	-
STPT2-40K275V-1P	83020106	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	No	SP2-40K275V	-
STPT2-40K275V-1PM	83020107	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	Si	SP2-40K275V	-
STPT2-40K320V-1P	83020108	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	No	SP2-40K320V	-
STPT2-40K320V-1PM	83020109	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	Si	SP2-40K320V	-
STPT2-40K440V-1P	83020110	400 VAC	440 V	40 kA	20 kA	≤ 2 kV	No	SP2-40K440V	-
STPT2-40K440V-1PM	83020111	400 VAC	440 V	40 kA	20 kA	≤ 2 kV	Si	SP2-40K440V	-
STPT2-30K750V-1P	83020100	690 VAC	750 V	30 kA	15 kA	≤ 3 kV	No	SP2-30K750V	-
STPT2-30K750V-1PM	83020101	690 VAC	750 V	30 kA	15 kA	≤ 3 kV	Si	SP2-30K750V	-
N-PE (N)									
STPT2-40K-N	83020112	Neutro	265 V	40 kA	20 kA	≤ 1,5 kV	No	-	SP2-40K-N

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GAMMA PRODOTTI



STPT2-40K275V-
2PM

2 Poli

Numero di catalogo	Numero riferimento	U _n	U _c	I _{max} (8/20)	I _n (8/20)	U _p at I _n	Remoto	Cartuccia	
								L-N	N-PE
TT (1Ph+N)									
STPT2-40K150V-2PG	83020114	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K150V	SP2-40K-N
STPT2-40K150V-2PGM	83020115	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K150V	SP2-40K-N
STPT2-40K275V-2PG	83020116	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K275V	SP2-40K-N
STPT2-40K275V-2PGM	83020117	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K275V	SP2-40K-N
STPT2-40K320V-2PG	83020118	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K320V	SP2-40K-N
STPT2-40K320V-2PGM	83020119	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K320V	SP2-40K-N
TNS (1Ph+N)									
STPT2-40K60V-2P	83020128	48 VAC	60 V	40 kA	20 kA	≤ 0,7 kV	No	SP2-40K60V	-
STPT2-40K60V-2PM	83020129	48 VAC	60 V	40 kA	20 kA	≤ 0,7 kV	Si	SP2-40K60V	-
STPT2-40K75V-2P	83020130	60 VAC	75 V	40 kA	20 kA	≤ 0,8 kV	No	SP2-40K75V	-
STPT2-40K75V-2PM	83020131	60 VAC	75 V	40 kA	20 kA	≤ 0,8 kV	Si	SP2-40K75V	-
STPT2-40K150V-2P	83020120	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	No	SP2-40K150V	-
STPT2-40K150V-2PM	83020121	120 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	Si	SP2-40K150V	-
STPT2-40K275V-2P	83020122	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	No	SP2-40K275V	-
STPT2-40K275V-2PM	83020123	230 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	Si	SP2-40K275V	-
STPT2-40K320V-2P	83020124	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	No	SP2-40K320V	-
STPT2-40K320V-2PM	83020125	277 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	Si	SP2-40K320V	-
IT (Ph+N) TNS (1Ph+N)									
STPT2-40K440V-2P	83020126	230 VAC (IT) 400 VAC (TNS)	440 V	40 kA	20 kA	≤ 2 kV	No	SP2-40K440V	-
STPT2-40K440V-2PM	83020127	230 VAC (IT) 400 VAC (TNS)	440 V	40 kA	20 kA	≤ 2 kV	Si	SP2-40K440V	-

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STPT2-40K275V-3PM

3 Poli

Numero di catalogo	Numero riferimento	U _n	U _c	I _{max} (8/20)	I _n (8/20)	U _p at I _n	Remoto	Cartuccia L-N
TNC (3Ph)								
STPT2-40K150V-3P	83020132	208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	No	SP2-40K150V
STPT2-40K150V-3PM	83020133	208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	Si	SP2-40K150V
STPT2-40K275V-3P	83020134	400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	No	SP2-40K275V
STPT2-40K275V-3PM	83020135	400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	Si	SP2-40K275V
STPT2-40K320V-3P	83020136	480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	No	SP2-40K320V
STPT2-40K320V-3PM	83020137	480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	Si	SP2-40K320V
STPT2-30K750V-3P	83020102	690 VAC 1000 VAC	750 V	30 kA	15 kA	≤ 3 kV	No	SP2-30K750V
STPT2-30K750V-3PM	83020103	690 VAC 1000 VAC	750 V	30 kA	15 kA	≤ 3 kV	Si	SP2-30K750V
IT (3Ph) TNC (3Ph)								
STPT2-40K440V-3P	83020142	400 VAC (IT) 690 VAC (TNC)	440 V	40 kA	20 kA	≤ 2 kV	No	SP2-40K440V
STPT2-40K440V-3PM	83020143	400 VAC (IT) 690 VAC (TNC)	440 V	40 kA	20 kA	≤ 2 kV	Si	SP2-40K440V

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STPT2-40K275V-4PM

4 Poli

Numero di catalogo	Numero riferimento	U _n	U _c	I _{max} (8/20)	I _n (8/20)	U _p at I _n	Remoto	Cartuccia	
								L-N	N-PE
TT (3Ph+N)									
STPT2-40K150V-4PG	83020144	120/208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K150V	SP2-40K-N
STPT2-40K150V-4PGM	83020145	120/208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K150V	SP2-40K-N
STPT2-40K275V-4PG	83020146	230/400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K275V	SP2-40K-N
STPT2-40K275V-4PGM	83020147	230/400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K275V	SP2-40K-N
STPT2-40K320V-4PG	83020148	277/480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV (L-N) ≤ 1,5 kV (N-PE)	No	SP2-40K320V	SP2-40K-N
STPT2-40K320V-4PGM	83020149	277/480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV (L-N) ≤ 1,5 kV (N-PE)	Si	SP2-40K320V	SP2-40K-N
TNS (3Ph+N)									
STPT2-40K150V-4P	83020150	120/208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	No	SP2-40K150V	-
STPT2-40K150V-4PM	83020151	120/208 VAC	150 V	40 kA	20 kA	≤ 0,9 kV	Si	SP2-40K150V	-
STPT2-40K275V-4P	83020152	230/400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	No	SP2-40K275V	-
STPT2-40K275V-4PM	83020153	230/400 VAC	275 V	40 kA	20 kA	≤ 1,3 kV	Si	SP2-40K275V	-
STPT2-40K320V-4P	83020154	277/480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	No	SP2-40K320V	-
STPT2-40K320V-4PM	83020155	277/480 VAC	320 V	40 kA	20 kA	≤ 1,4 kV	Si	SP2-40K320V	-
IT (3Ph+N) TNS (3Ph+N)									
STPT2-40K440V-4P	83020156	230/400 VAC (IT) 400/690 VAC (TNS)	440 V	40 kA	20 kA	≤ 2 kV	No	SP2-40K440V	-
STPT2-40K440V-4PM	83020157	230/400 VAC (IT) 400/690 VAC (TNS)	440 V	40 kA	20 kA	≤ 2 kV	Si	SP2-40K440V	-

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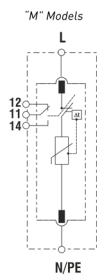
SP2-40K275V

Ricambio cartuccia

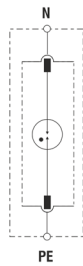
Numero di catalogo	Numero riferimento	U_n	U_c	$I_{max} (8/20)$	$I_n (8/20)$	U_p at I_n
L-N						
SP2-40K60V	83020008	48 VAC	60 V	40 kA	20 kA	$\leq 0,7$ kV
SP2-40K75V	83020009	60 VAC	75 V	40 kA	20 kA	$\leq 0,8$ kV
SP2-40K150V	83020001	120 VAC	150 V	40 kA	20 kA	$\leq 0,9$ kV
SP2-40K275V	83020002	230 VAC	275 V	40 kA	20 kA	$\leq 1,3$ kV
SP2-40K320V	83020003	277 VAC	320 V	40 kA	20 kA	$\leq 1,4$ kV
SP2-40K440V	83020004	400 VAC	440 V	40 kA	20 kA	≤ 2 kV
SP2-30K750V	83020007	690 VAC	750 V	30 kA	20 kA	≤ 3 kV
N-PE						
SP2-40K-N	83020000	Neutro	265 V	40 kA	20 kA	$\leq 1,5$ kV

SCHEMA ELETTRICO

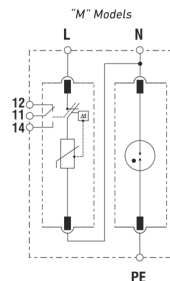
L-N (1Ph)



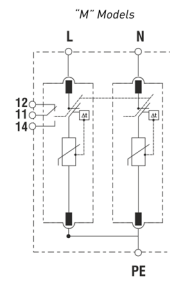
N-PE (N)



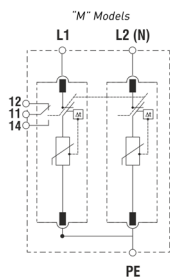
TT (1Ph+N) - 2PG



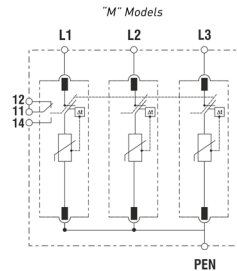
TNS (1Ph+N) - 2P



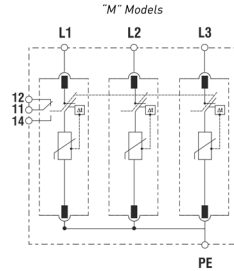
IT (1Ph+N) - 2P



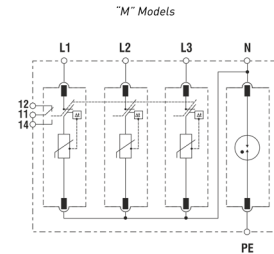
TNC (3Ph) - 3P



IT (3Ph) - 3P



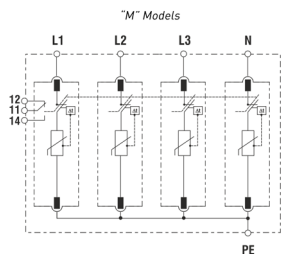
TT (3Ph+N) - 4PG



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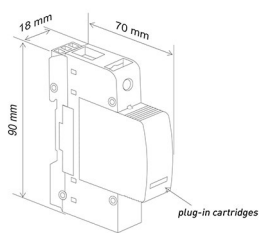
SCHEMA ELETTRICO

TNS (3Ph+N) - 4P

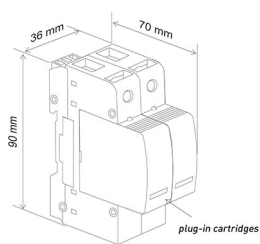


DIMENSIONI

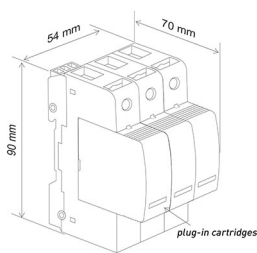
1 Polo



2 Poli



3 Poli



4 Poli

