



- Pluggable type 2 AC SPD
- Common & differential mode protection
- $I_{max}: 40kA@8/20\mu s$
- IEC 61643-11, EN 61643-11



Performance parameters of the product

Model	TM2-40K-3NPE-275V
SPD port	One port
SPD type	T2
Number of poles	3P+N, 415VAC
Network systems	TT, TN-S
Rated voltage U_n	230V AC 50~60Hz
Maximum continuous operating voltage (L-N/N-PE) U_c	275/260V AC 50~60Hz
Nominal discharge current (8/20 μs) (L-N/N-PE) I_n	20/20kA
Maximum discharge current (8/20 μs) (L-N/N-PE) I_{max}	40/40kA
Protection level (L-N/N-PE) U_p	1.4/1.5kV
Residual current I_{PE}	<1mA
Back-up Fuse(max)	125A gG/gL
Short-circuit Current Rating(AC) I_{SCCR}	25kA
L-TOV 5S (L-N) U_T	335VAC
L-TOV 120min (L-N) U_T	440VAC
H-TOV 200ms (N-PE) U_T	1200VAC
H-TOV 200ms (L-PE) U_T	1450VAC
Response time (L-N/N-PE)	$\leq 25/100ns$
Thermal Protection	Yes
Failure indication	Green: normal / Red: failure
Remote alarm	Option TM2-40K-3NPE-440V-S
Installing conductor cross sectional area	4 ~25mm ²
Terminal Screw Torque(max)	4.5N.m
Install	35mm Standard rail (EN50022/DIN46277-3)
Working environment temperature	-40 ~70°C
Enclosure material	Plastic cement, accord with UL94V-0
Enclosure protection level	IP20
Standard	IEC 61643-11, EN 61643-11

Terasaki reserves the right to change, update or correct, without notice, any information contained in this datasheet.

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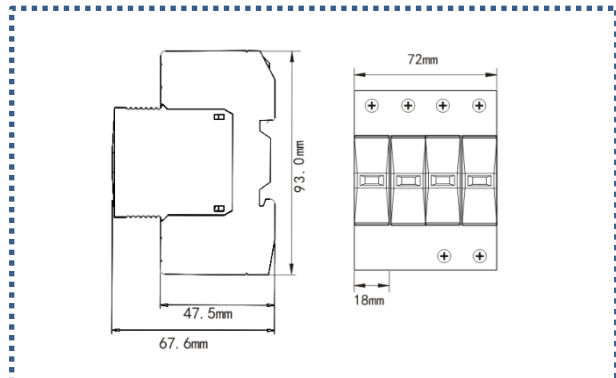
Website: <https://www.terasaki.com.my>



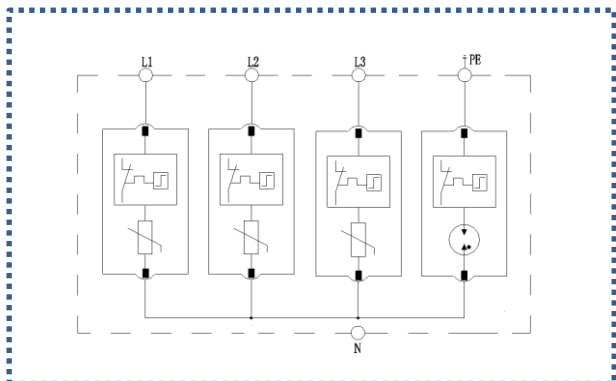
TemLite Power SPD-TM Range



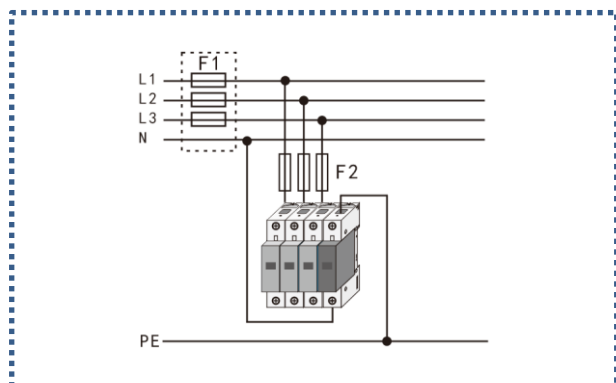
Dimension drawing



Internal Configuration



Wire-connection diagram



Electrical Symbol



Fuse



MOV



GDT

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