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Überspannungsschutzgerät Surge protective device

Product range of TSD-T1

Series model number system:

e.g. Base TSD-T1-300-3+1-R

TSD-T1
300
3+1
-R

series
U_c
number of poles
remote contact

e.g. Plug in module:

TSD-T1-300-P

TSD-T1
300
-P

series
U_c
module

SPD Type	Network system	Construction		Poles
TSD-T1-75-2+0	TN-S → L-PE, N-PE (U ₀ ≤ 60V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-75-2+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 60V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-75-1+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 60V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-75-1+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 60V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2

SPD Type	Network system	Construction		Poles
TSD-T1-150-2+0	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-150-2+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-150-3+0	TN-C → L-PEN (U ₀ ≤ 120V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-150-3+0-R	TN-C → L-PEN (U ₀ ≤ 120V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-150-4+0	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-150-4+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-150-1+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 120V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-150-1+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 120V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2

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SPD Type	Network system	Construction		Poles
TSD-T1-300-2+0	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-300-2+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-300-3+0	TN-C → L-PEN (U ₀ ≤ 240V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-300-3+0-R	TN-C → L-PEN (U ₀ ≤ 240V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-300-4+0	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-300-4+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-300-1+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 240V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-300-1+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 240V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-300-3+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 240V)	3+1 pole base 3 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	4
TSD-T1-300-3+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 240V)	3+1 pole base 3 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	4

SPD Type	Network system	Construction		Poles
TSD-T1-350-2+0	TN-S → L-PE, N-PE (U ₀ ≤ 277V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-350-2+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 277V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T1-350-3+0	TN-C → L-PEN (U ₀ ≤ 277V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-350-3+0-R	TN-C → L-PEN (U ₀ ≤ 277V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T1-350-4+0	TN-S → L-PE, N-PE (U ₀ ≤ 277V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-350-4+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 277V)	4 x plug in module (MOV) + 4 pole base		4
TSD-T1-350-1+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 277V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-350-1+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 277V)	1+1 pole base 1 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	2
TSD-T1-350-3+1	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 277V)	3+1 pole base 3 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	4
TSD-T1-350-3+1-R	TT → L-N, N-PE TN-S → L-N, N-PE (U ₀ ≤ 277V)	3+1 pole base 3 x plug in module (MOV) 1 x plug in module (GDT)	L-N → MOV N-PE → GDT	4

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SPD Type	Network system	Construction	Poles
TSD-T1-480-2+0	TN-S → L-PE, N-PE ($U_0 \leq 400V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T1-480-2+0-R	TN-S → L-PE, N-PE ($U_0 \leq 400V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T1-480-3+0	TN-C → L-PEN ($U_0 \leq 400V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T1-480-3+0-R	TN-C → L-PEN ($U_0 \leq 400V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T1-480-4+0	TN-S → L-PE, N-PE ($U_0 \leq 400V$)	4 x plug in module (MOV) + 4 pole base	4
TSD-T1-480-4+0-R	TN-S → L-PE, N-PE ($U_0 \leq 400V$)	4 x plug in module (MOV) + 4 pole base	4

SPD Type	Network system	Construction	Poles
TSD-T1-750-2+0	TN-S → L-PE, N-PE ($U_0 \leq 600V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T1-750-2+0-R	TN-S → L-PE, N-PE ($U_0 \leq 600V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T1-750-3+0	TN-C → L-PEN ($U_0 \leq 600V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T1-750-3+0-R	TN-C → L-PEN ($U_0 \leq 600V$)	3 x plug in module (MOV) + 3 pole base	3

SPD Type	Network system	Construction	Poles
TSD-T1-050-0+1	TT → N-PE TN-S → N-PE ($U_0 \leq 277V$)	1 x plug in module (GDT) + 1 pole base	1

Module	U_c [V]	I_{imp} [kA]	I_n [kA]	I_{max} [kA]	U_p [kV]
TSD-T1-75-P	75	12,5	20	50	$\leq 0,7$
TSD-T1-150-P	150	12,5	20	50	$\leq 1,0$
TSD-T1-300-P	300	12,5	20	50	$\leq 1,5$
TSD-T1-350-P	350	12,5	20	50	$\leq 1,75$
TSD-T1-480-P	480	10,0	20	50	$\leq 2,1$
TSD-T1-750-P	750	5,0	20	35	$\leq 3,2$
TSD-T1-050-P	305	50,0	50,0	100	$\leq 1,5$