

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40059444 .
This supplement is only valid in conjunction with page 1 of the Certificate No. 40059444

Überspannungsschutzgerät Surge protective device

Product range of TSD-T2

Series model number system:

e.g. TSD-T2-300-1+1-R

TSD-T2
-300
-1+1
-R

series
U_c
number of poles
remote contact

e.g. Plug in module TSD-T2-300-P

TSD-T2
-300
-P

series
U_c
module

SPD Type	Network system	Construction		Poles
TSD-T2-75-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 60V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-75-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 60V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-75-2+0	TN-S → L-N, N-PE (U ₀ ≤ 60V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-75-2+0-R	TN-S → L-N, N-PE (U ₀ ≤ 60V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-75-1+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-T2-75-1+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-T2-150-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 120V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-150-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 120V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-150-2+0	TN-S → L-N, N-PE (U ₀ ≤ 120V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-150-2+0-R	TN-S → L-N, N-PE (U ₀ ≤ 120V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-150-3+0	TN-C → L-PEN (U ₀ ≤ 120V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-150-3+0-R	TN-C → L-PEN (U ₀ ≤ 120V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-150-4+0	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-150-4+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 120V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-150-1+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-T2-150-1+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

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40059444 .
This supplement is only valid in conjunction with page 1 of the Certificate No. 40059444

SPD Type	Network system	Construction		Poles
TSD-T2-300-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 240V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-300-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 240V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-300-2+0	TN-S → L-N, N-PE (U ₀ ≤ 240V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-300-2+0-R	TN-S → L-N, N-PE (U ₀ ≤ 240V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-300-3+0	TN-C → L-PEN (U ₀ ≤ 240V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-300-3+0-R	TN-C → L-PEN (U ₀ ≤ 120V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-300-4+0	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-300-4+0-R	TN-S → L-PE, N-PE (U ₀ ≤ 240V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-300-1+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-T2-300-1+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-T2-300-3+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-T2-300-3+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-T2-350-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 277V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-350-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N (U ₀ ≤ 277V)	1 x plug in module (MOV) + 1 pole base		1
TSD-T2-350-2+0	TN-S → L-N, N-PE (U ₀ ≤ 277V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-350-2+0-R	TN-S → L-N, N-PE (U ₀ ≤ 277V)	2 x plug in module (MOV) + 2 pole base		2
TSD-T2-350-3+0	TN-C → L-PEN (U ₀ ≤ 277V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-350-3+0-R	TN-C → L-PEN (U ₀ ≤ 277V)	3 x plug in module (MOV) + 3 pole base		3
TSD-T2-350-4+0	TN-S → L-N, N-PE (U ₀ ≤ 277V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-350-4+0-R	TN-S → L-N, N-PE (U ₀ ≤ 277V)	4 x plug in module (MOV) + 3 pole base		4
TSD-T2-350-1+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-T2-350-1+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-T2-350-3+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-T2-350-3+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

SPD Type	Network system	Construction		Poles
TSD-T2-480-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N	1 x plug in module (MOV) + 1 pole base		1

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40059444 .
This supplement is only valid in conjunction with page 1 of the Certificate No. 40059444

	TT → L-N ($U_0 \leq 400V$)		
TSD-T2-480-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N ($U_0 \leq 400V$)	1 x plug in module (MOV) + 1 pole base	1
TSD-T2-480-2+0	TN-S → L-N, N-PE ($U_0 \leq 400V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T2-480-2+0-R	TN-S → L-N, N-PE ($U_0 \leq 400V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T2-480-3+0	TN-C → L-PEN ($U_0 \leq 400V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T2-480-3+0-R	TN-C → L-PEN ($U_0 \leq 400V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T2-480-4+0	TN-S → L-N, N-PE ($U_0 \leq 400V$)	4 x plug in module (MOV) + 3 pole base	4
TSD-T2-480-4+0-R	TN-S → L-N, N-PE ($U_0 \leq 400V$)	4 x plug in module (MOV) + 3 pole base	4

SPD Type	Network system	Construction	Poles
TSD-T2-750-1+0	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N ($U_0 \leq 600V$)	1 x plug in module (MOV) + 1 pole base	1
TSD-T2-750-1+0-R	TN-S → L-PE, N-PE, L-N TN-C → L-PE, L-PEN, L-N TT → L-N ($U_0 \leq 600V$)	1 x plug in module (MOV) + 1 pole base	1
TSD-T2-750-2+0	TN-S → L-N, N-PE ($U_0 \leq 600V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T2-750-2+0-R	TN-S → L-N, N-PE ($U_0 \leq 600V$)	2 x plug in module (MOV) + 2 pole base	2
TSD-T2-750-3+0	TN-C → L-PEN ($U_0 \leq 600V$)	3 x plug in module (MOV) + 3 pole base	3
TSD-T2-750-3+0-R	TN-C → L-PEN ($U_0 \leq 600V$)	3 x plug in module (MOV) + 3 pole base	3

SPD plug in module:

Module	U_c [V]	I_n [kA]	I_{max} [kA]	U_p [kV]
TSD-T2-75-P	75	20	50	$\leq 0,8$
TSD-T2-150-P	150	20	50	$\leq 1,25$
TSD-T2-300-P	300	20	50	$\leq 1,5$
TSD-T2-350-P	350	20	50	$\leq 1,75$
TSD-T2-480-P	480	20	50	$\leq 2,3$
TSD-T2-750-P	750	20	35	$\leq 3,4$
TSD-T2-40-P	305	40	65	$\leq 1,5$