

PRODUCT DETAILS

WR-T1T2 DC TYPE



- Compact Surge protector, 3-pole
- Conductivity per pole: $I_n = 20 \text{ kA}$; $I_{imp} = 7 \text{ kA}$
- Safe disconnect device
- Pluggable protection module
- Remote signalling (Optional)
- IEC 61643-31 / EN 61643-31 standard
- Protective Elements: High Energy MOV



Technical Data

SPD Type	Type 1+2; Class I+II		
DC system	Direct current		
Max. continuous operating voltage (d.c.)	U_{cpv}	1000V	
Nominal discharge current (8/20 μ s)	I_n	20kA	
Max. discharge current (8/20 μ s)	I_{max}	50kA	
Lightning impulse current (10/350 μ s)	I_{imp}	7kA	
Protection level	U_p	$\leq 4.5 \text{ kV}$	
Response time	t_A	$\leq 25 \text{ ns}$	
Admissible short-circuit current	I_{scCR}	10 kA	
Max. backup fuse	125A gL/gG		
Protection mode(s)	DC+/PE and DC-/PE		

Mechanical Data

Technology	MOV (Metal Oxide Varistors)
SPD configuration	Type 1+2 SPD
Pluggable Mounting	Yes
Housing material	35mm DIN rail
Operating temperature Protection rating	Thermoplastic, UL94 V-0
Operating state / fault indication	IP20
Remote Signaling	Optional
Wiring for remote signaling	Max. 1.5mm solid/flexible
Max. Voltage / Current for remote signaling (d.c.)	250V/0.1A; 125V/0.2A; 75V/0.5A
Standards compliance	IEC 61643-31 / EN 61643-31
Certification	CE, RoHS, TÜV

