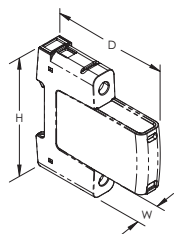


DT1 DIN Rail Surge Protection Class I+II, 1+0 Mode



- Compact, yet high surge rated pluggable design, using minimum DIN rail width
- External back-up fuse is not required up to 315 A
- Retaining clip ensures enhanced vibration and shock resistance performance
- Red/Green status indication and change-over contacts standard for remote monitoring



Part Number	DT17510R	DT130010R
Nominal System Voltage (Un)	60 V	240 V
Max Continuous Operating Voltage (Uc)	75 V	300 V
Nominal Discharge Current (In), IEC	12,5 kA 8/20 µs	
Max Discharge Current (Imax), IEC	50 kA 8/20 µs	
Impulse Current (Iimp)	12,5 kA 10/350 µs	
Voltage Protection Level (Up)	700 V	1.400 V
Response Time	25 ns Max	
Back-Up Fuse @ Iscrr	250 A @ 50 kA 315 A @ 25 kA	
Short Circuit Current Rating (Iscrr)	25 kA 50 kA	
Protection Modes	L-PE L-PEN N-PE L-N	
Temporary Over Voltage 120 min (Ut/mode)	114 V Withstand	442 V Safe Fail
Temporary Over Voltage Withstand 5 s (Ut)	114 V	337 V
Voltage Protection Rating (VPR)	400 V	900 V
Nominal Discharge Current (In), UL	20 kA 8/20 µs	
Short Circuit Current Rating (SCCR)	100 kA	200 kA
Technology	Thermal Disconnect	
Connection, Solid	35 mm² Max	
Connection, Stranded	25 mm² Max	
Torque [TQ]	4,5 N-m	
Humidity	5 – 95 % RH	

Part Number	DT17510R	DT130010R
Temperature	-40 to 70 °C	
Enclosure Material	UL® 94V-0 Thermoplastic	
Enclosure Rating	IP 20	
Mounting	35 mm top hat DIN rail	
Remote Contact Switching Capacity	0,5 A @ 12 VDC 0,5 A @ 24 VDC 0,5 A @ 48 VDC 1,0 A @ 125 VAC 1,0 A @ 250 VAC	
Remote Contacts	Yes	
Status Indication	Mechanical flag	
Depth [D]	85 mm	
Height [H]	90 mm	
Width [W]	18 mm	
Unit Weight	0,168 kg	0,182 kg
Certification Details	UL® 1449 Edition 4 Type 1CA	
Complies With	EN 61643-11 Type 1, Type 2 IEC® 61643-11 Class I, Class II	

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WARNING

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