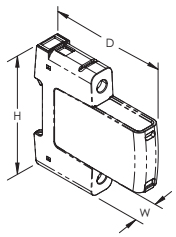
DT1 DIN Rail Surge Protection Class I+II, 1+0 Mode – DT17510R

- 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
Nominal System Voltage (Un)	60 V
Max Continuous Operating Voltage (Uc)	75 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
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA
Response Time	25 ns Max
Protection Modes	L-PE L-PEN N-PE L-N
Short Circuit Current Rating (Isccr)	25 kA 50 kA
Temporary Over Voltage 120 min (Ut/mode)	114 V Withstand
Temporary Over Voltage Withstand 5 s (Ut)	114 V
Nominal Discharge Current (In), UL	20 kA 8/20 µs
Short Circuit Current Rating (SCCR)	100 kA
Voltage Protection Rating (VPR)	400 V
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
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
Certification Details	UL® 1449 Edition 4 Type 1CA
Complies With	EN 61643-11 Type 1, Type 2 IEC® 61643-11 Class I, Class II
Certifications	CE, ERICO DT1 Series cURus VDE
Standard Packaging Quantity	1 pc
UPC	78285693318
EAN-13	0782856933182

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WARNING
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