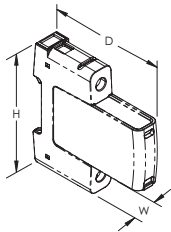


## DT1 DIN Rail Surge Protection Class I+II 12.5 kA, 1+0 Mode – DT130010R



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



Part Number	DT130010R
Nominal System Voltage (Un)	240 V
Max Continuous Operating Voltage (Uc)	300 V
Nominal Discharge Current (In), IEC	20 kA 8/20 $\mu$ s
Max Discharge Current (Imax), IEC	50 kA 8/20 $\mu$ s
Impulse Current (Iimp)	12.5 kA 10/350 $\mu$ s
Voltage Protection Level (Up)	1,400 V
Response Time	25 ns Max
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA
Frequency	50 – 60 Hz
Short Circuit Current Rating (Isccr)	25 kA 50 kA
Protection Modes	L-PE L-PEN N-PE L-N
Temporary Over Voltage 120 min (Ut/model)	442 V Safe Fail
Temporary Over Voltage Withstand 5 s (Ut)	337 V
Voltage Protection Rating (VPR)	900 V
Nominal Discharge Current (In), UL	20 kA 8/20 $\mu$ s
Replacement Module	DT1300M
Short Circuit Current Rating (SCCR)	200 kA
Technology	Thermal Disconnect
Connection, Solid	#2 Max
Connection, Stranded	#4 Max

Part Number	DT130010R
Torque (TQ)	3.32 ft lb
Humidity	5 – 95 % RH
Temperature	-31 to 185 °F
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)	3.35"
Height (H)	3.54"
Width (W)	0.71"
Unit Weight	0.402 lb
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	78285693829
EAN-13	0782856938293

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