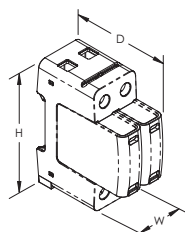


## DT2 DIN Rail Surge Protection Class II, 2+0 Mode – DT230020R



- 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	DT230020R
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
Voltage Protection Level (Up)	1,500 V
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA
Frequency	50 – 60 Hz
Response Time	25 ns Max
Protection Modes	L-N N-PE
Short Circuit Current Rating (Isccr)	25 kA 50 kA
Temporary Over Voltage 120 min (Ut/model)	442 V Safe Fail
Temporary Over Voltage Withstand 5 s (Ut)	337 V
Nominal Discharge Current (In), UL	20 kA 8/20 $\mu$ s
Short Circuit Current Rating (SCCR)	150 kA
Voltage Protection Rating [VPR]	900 V
Technology	Thermal Disconnect
Connection, Solid	#2 Max
Connection, Stranded	#4 Max
Torque (TQ)	3.32 ft lb
Humidity	5 – 95 % RH
Temperature	-31 to 185 °F

Part Number	DT230020R
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20
Mounting	35 mm top hat DIN rail
Remote Contact Switching Capacity	1.0 A @ 250 VAC 1.0 A @ 125 VAC 0.5 A @ 48 VDC 0.5 A @ 24 VDC 0.5 A @ 12 VDC
Remote Contacts	Yes
Status Indication	Mechanical flag
Depth (D)	2.72"
Height (H)	3.54"
Width (W)	1.42"
Unit Weight	0.587 lb
Certification Details	UL® 1449 Edition 4 Type 1CA
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II
Replacement Module	DT2300M
Certifications	CE, ERICO DT2 Series cURus VDE
Standard Packaging Quantity	1 pc
UPC	78285693864
EAN-13	0782856938644

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