

DT2 DIN RAIL SURGE PROTECTION CLASS II, 3+0 MODE, 120 V UN

CATALOG NUMBER

DT215030R



CERTIFICATIONS



FEATURES

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

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 120 V

Max Continuous Operating Voltage (Uc): 150 V

Nominal Discharge Current (In), IEC: 20 kA 8/20 μ s

Max Discharge Current (Imax), IEC: 50 kA 8/20 μ s

Voltage Protection Level (Up): 1,250 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-PEN

Short Circuit Current Rating (Iscrr): 25 kA;50 kA

Temporary Over Voltage Withstand 5 s (Ut): 229 V

Temporary Over Voltage 120 min (Ut/mode): 229 V Withstand

Nominal Discharge Current (In), UL: 20 kA 8/20 μ s

Short Circuit Current Rating (SCCR): 200 kA

Voltage Protection Rating (VPR): 700 V

Technology: Thermal Disconnect

Connection, Solid: #2 Max

Connection, Stranded: #4 Max

Torque: 3.32 ft lb

Humidity: 5 – 95 % RH

Temperature: -31 to 185 °F

Enclosure Rating: IP 20

Mounting: 35 mm top hat DIN rail

Enclosure Material: UL® 94V-0 Thermoplastic

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

Width: 2.130"

Depth: 2.720"

Height: 3.540"

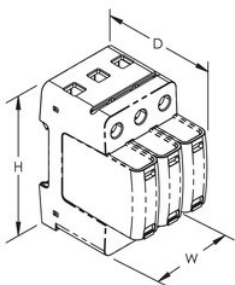
Unit Weight: 0.783 lb

Certification Details: UL® 1449 Edition 5 Type 1CA

Complies With: EN 61643-11 Type 2;IEC® 61643-11 Class II

Replacement Module: DT2150M

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials.

Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical Support

Europe

Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe

Germany:
800 1890272
Other Countries:
+31 13 5835404

APAC

Shanghai:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500



Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER