We connect and protect

EDT2 Enhanced DIN Rail Surge Protection Class II, 3+0 Mode, 277 V Un

CATALOG NUMBER

EDT235030R

CERTIFICATIONS

FEATURES

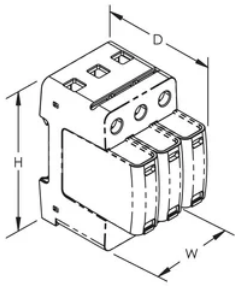
- Includes nVent ERICO TD Technology to ensure reliability throughout adverse voltage conditions
- Enhanced temporary over voltage (TOV) withstand capability
- External back-up fuse is not required up to 315 A (IEC only)
- Compact, yet high surge rated pluggable design, using minimum DIN rail width
- 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): 277 V
- Max Continuous Operating Voltage (Uc): 350 V
- Nominal Discharge Current (In), IEC: 20kA 8/20 µs
- Max Discharge Current (Imax), IEC: 50kA 8/20 µs
- Voltage Protection Level (Up): 1750V

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 (Isccr): 25kA;50kA
Temporary Over Voltage 120 min (Ut/mode): 529 V Withstand
Nominal Discharge Current (In), UL: 20kA 8/20 µs
Short Circuit Current Rating (SCCR): 200kA
Voltage Protection Rating (VPR): 1200V
Technology: Thermal Disconnect
Connection, Solid: 35 mm² Max
Connection, Solid: #2 max
Connection, Stranded: #4 max
Torque (TQ): 3.32 ft·lbf
Humidity: 5 - 95
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: 1 A @ 250 VAC;1 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): 2.13"
Unit Weight: 0.91 lb
Certification Details: UL® 1449 Edition 5 Type 1CA
Complies With: EN 61643-11 Type 2;IEC® 61643-11 Class II
Replacement Module: EDT2350M

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.

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