EDT2 ENHANCED DIN RAIL SURGE PROTECTION CLASS II, 4+0 MODE, 277 V UN

CATALOG NUMBER

EDT235040R



CERTIFICATIONS

FEATURES

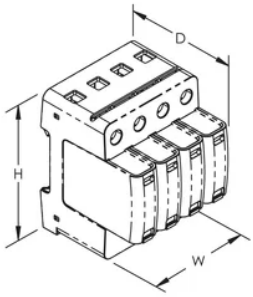
- Includes nVent ERICO TD Technology to ensure reliability throughout adverse voltage conditions
- Enhanced temporary over voltage (TOV) withstand capability
- External back-up fuse is not required up to 315 A (IEC only)
- Compact, yet high surge rated pluggable design, using minimum DIN rail width
- 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: 20 kA 8/20 µs
- Max Discharge Current (Imax), IEC: 50 kA 8/20 µs
- Voltage Protection Level (Up): 1750 V
- Back-Up Fuse @ Isccr: 250 A @ 50 kA A; 315 A @ 25 kA A
- Frequency: 50 – 60 Hz
- Response Time: 25 ns max
- Protection Modes: L-PE; N-PE

Short Circuit Current Rating (Isccr): 25 kA; 50 kA
Temporary Over Voltage 120 min (Ut/mode): 529 V Withstand
Nominal Discharge Current (In), UL: 20 kA 8/20 µs
Short Circuit Current Rating (SCCR): 200 kA
Voltage Protection Rating (VPR): 1200 V
Technology: Thermal Disconnect
Connection, Solid: #2 max
Connection, Stranded: #4 max
Torque: 3.32'·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 A; 1 A @ 125 VAC A; 0.5 A @ 48 VDC A; 0.5 A @ 24 VDC A; 0.5 A @ 12 VDC A
Remote Contacts: Yes
Status Indication: Mechanical flag
Depth: 2.72"
Height: 3.54"
Width: 2.84"
Unit Weight: 1.22 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.

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

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nVent reserves the right to change specifications without notice.