

DT2 DIN RAIL SURGE PROTECTION CLASS II, 3+0 MODE, 400 V UN

CATALOG NUMBER

DT248030R



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): 400 V

Max Continuous Operating Voltage (Uc): 480 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): 2,300 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 (Iscsr): 25 kA;50 kA

Temporary Over Voltage 120 min (Ut/mode): 762 V Safe Fail

Temporary Over Voltage Withstand 5 s (Ut): 581 V

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

Short Circuit Current Rating (SCCR): 200 kA

Voltage Protection Rating (VPR): 1,500 V

Technology: Thermal Disconnect

Connection, Solid: 35 mm² Max

Connection, Stranded: 25 mm² Max

Torque: 4.50 N-m

Humidity: 5 – 95 % RH

Temperature: -35 to 85 °C

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: 69 mm

Height: 90 mm

Width: 54 mm

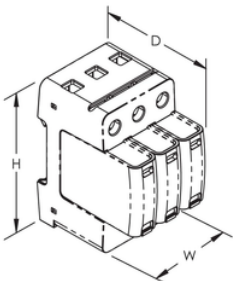
Unit Weight: 0.406 kg

Certification Details: UL® 1449 Edition 5 Type 1CA

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

Replacement Module: DT2480M

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.

Noord-Amerika

+1.800.753.9221

Optie 1 - de Zorg van de Klant

Optie 2 - Technische Steun

Europa

Nederland:

+31 800-0200135

Frankrijk:

+33 800 901 793

Europa

Duitsland:

800 1890272

Andere Landen:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Onze krachtige portefeuille van merken:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

© nVent 2022. Alle nVent tekens en emblemen worden bezeten of door de nVent Diensten GmbH of zijn filialen vergunning gegeven. Alle andere handelsmerken zijn het bezit van hun respectieve eigenaars.

nVent reserves het recht specificaties zonder bericht te veranderen.