DT2C COMPACT SURGE PROTECTION CLASS II, 1+1 MODE, 230 V UN

CATALOG NUMBER

DT2C32011R



FEATURES

Two-mode protection in slim, one module housing

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 230 V

Max Continuous Operating Voltage (Uc): 320 VAC L-N; 255 VAC N-PE

Nominal Discharge Current (In), IEC: 15 kA 8/20 -s L-N;20 kA 8/20 -s N-PE

Max Discharge Current (Imax), IEC: 35 kA 8/20 -s L-N;35 kA 8/20 -s N-PE

Follow Current Interrupt Rating (Ifi): 0.1 kA

Voltage Protection Level (Up): 1500 V

Back-Up Fuse @ Isccr: 63 A @ 25 kA A

Response Time, L-N: 25 s max

Response Time, N-PE: 100 s max

Short Circuit Current Rating (Isccr): 25 kA

Distribution System: TT; TN-S

Protection Modes: L-N; N-PE

Temporary Over Voltage Withstand 200 ms (Ut), N-PE: 1200 V

Temporary Over Voltage Withstand 5 s (Ut), L-N: 335 V

Technology: Thermal Disconnect

Connection, PE Solid: 35 mm² max

Connection, PE Stranded: 25 mm² max

Connection, Solid: 6 mm² max

Connection, Stranded: 4 mm² max

Humidity: 5 – 95

Temperature: –40 to 85 °C

Enclosure Material: UL® 94V-0 Thermoplastic

Enclosure Rating: IP 20

Mounting: 35 mm top hat DIN rail

Remote Contact Switching Capacity: 0.5 A @ 250 VAC A; 3 A @ 125 VAC A

Remote Contacts: Yes

Status Indication: Mechanical flag

Depth: 68 mm

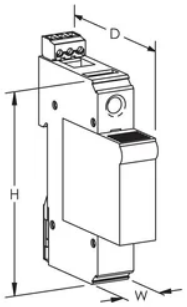
Height: 90 mm

Width: 18 mm

Unit Weight: 0.13 kg

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

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:
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