

DT2C Compact Surge Protection Class II, 1+1 Mode



FEATURES

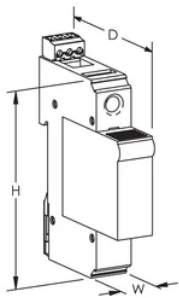
Two-mode protection in slim, one module housing

SPECIFICATIONS

Catalog Number	DT2C32011R
Nominal System Voltage (Un)	230 V
Max Continuous Operating Voltage (Uc)	320 VAC L-N 255 VAC N-PE
Nominal Discharge Current (In), IEC, L-N	15kA 8/20 µs
Nominal Discharge Current (In), IEC, N-PE	20kA 8/20 µs
Max Discharge Current (Imax), IEC, L-N	35kA 8/20 µs
Max Discharge Current (Imax), IEC, N-PE	35kA 8/20 µs
Follow Current Interrupt Rating (Ifi)	0.1kA
Voltage Protection Level (Up)	1500V
Back-Up Fuse @ Isccr	63 A @ 25 kA
Response Time, L-N	25 ns Max
Response Time, N-PE	100 ns Max
Short Circuit Current Rating (Isccr)	25kA
Distribution System	TT TN-S

Catalog Number	DT2C32011R
Protection Modes	L-N N-PE
Temporary Over Voltage Withstand 200 ms (Ut), N-PE	1200V
Temporary Over Voltage Withstand 5 s (Ut), L-N	335V
Technology	Thermal Disconnect
Connection, PE Solid	35 mm ² Max
Connection, PE Stranded	25 mm ² Max
Connection, Solid	6 mm ² Max
Connection, Stranded	4 mm ² 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 3 A @ 125 VAC
Remote Contacts	Yes
Status Indication	Mechanical flag
Depth (D)	68mm
Height (H)	90 mm
Width (W)	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:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE