

# DT2C Compact Surge Protection Class II, 2+0 Mode



## FEATURES

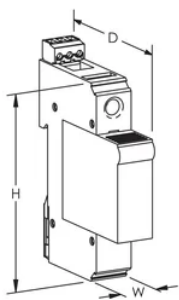
Two-mode protection in slim, one module housing

## SPECIFICATIONS

| Catalog Number                                 | DT2C32020R         |
|------------------------------------------------|--------------------|
| Nominal System Voltage (Un)                    | 230 V              |
| Max Continuous Operating Voltage (Uc)          | 320 VAC            |
| Nominal Discharge Current (In), IEC            | 15kA 8/20 µs       |
| Max Discharge Current (Imax), IEC              | 40kA 8/20 µs       |
| Follow Current Interrupt Rating (Ifi)          | 100kA              |
| Voltage Protection Level (Up)                  | 1500V              |
| Back-Up Fuse @ Isccr                           | 63 A @ 25 kA       |
| Response Time                                  | 25 ns Max          |
| Short Circuit Current Rating (Isccr)           | 25kA               |
| Distribution System                            | TN-S               |
| Protection Modes                               | L-PE<br>N-PE       |
| Temporary Over Voltage Withstand 5 s (Ut), L-N | 335V               |
| Technology                                     | Thermal Disconnect |

| Catalog Number                    | DT2C32020R                                   |
|-----------------------------------|----------------------------------------------|
| Connection, PE Solid              | 35 mm <sup>2</sup> Max                       |
| Connection, PE Stranded           | 25 mm <sup>2</sup> Max                       |
| Connection, Solid                 | 6 mm <sup>2</sup> Max                        |
| Connection, Stranded              | 4 mm <sup>2</sup> 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<br>3 A @ 125 V               |
| Remote Contacts                   | Yes                                          |
| Status Indication                 | Mechanical flag                              |
| Depth (D)                         | 68mm                                         |
| Height (H)                        | 90 mm                                        |
| Width (W)                         | 18 mm                                        |
| Unit Weight                       | 0.15 kg                                      |
| Complies With                     | IEC® 61643-11 Class II<br>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](http://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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