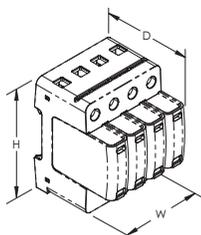


DT2 DIN Rail Surge Protection Class II, 4+0 Mode



- 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



| | | | |
|--|--------------------------------|-----------------|-----------------|
| Part Number | DT230040R | DT248040R | DT255040R |
| Nominal System Voltage (Un) | 240 V | 400 V | 480 V |
| Max Continuous Operating Voltage (Uc) | 300 V | 480 V | 550 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) | 1.500 V | 2.300 V | 2.500 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-PE N-PE | | |
| Short Circuit Current Rating (Isccr) | 25 kA 50 kA | | |
| Temporary Over Voltage 120 min (Ut/ mode) | 442 V Safe Fail | 762 V Safe Fail | 915 V Safe Fail |
| Temporary Over Voltage Withstand 5 s (Ut) | 337 V | 581 V | 697 V |
| Nominal Discharge Current (In), UL | 20 kA 8/20 μ s | | |
| Short Circuit Current Rating (SCCR) | 150 kA | 200 kA | |
| Voltage Protection Rating (VPR) | 900 V | 1.500 V | 2.000 V |
| Technology | Thermal Disconnect | | |
| Connection, Solid | 35 mm ² Max | | |
| Connection, Stranded | 25 mm ² Max | | |
| Torque [TQ] | 4,5 N-m | | |
| Humidity | 5 – 95 % RH | | |

| | | | |
|-----------------------------------|--|--|-----------|
| Part Number | DT230040R | DT248040R | DT255040R |
| Temperature | -35 to 85 °C | | |
| Enclosure Material | UL® 94V-0 Thermoplastic | | |
| Enclosure Rating | IP 20 | | |
| Mounting | 35 mm top hat DIN rail | 35 mm DIN Rail, EN 60715 | |
| 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 | 1,0 A @ 250 VAC 1,0 A @ 125 V 0,5 A @ 48 VDC 0,5 A @ 24 V 0,5 A @ 12 V | |
| Remote Contacts | Yes | | |
| Status Indication | Mechanical flag | | |
| Depth (D) | 69 mm | | |
| Height (H) | 90 mm | | |
| Width (W) | 72 mm | | |
| Unit Weight | 0,505 kg | 0,545 kg | 0,544 kg |
| Certification Details | UL® 1449 Edition 4 Type 1CA | | |
| Complies With | EN 61643-11 Type 2 IEC® 61643-11 Class II | | |
| Replacement Module | DT2300M | DT2480M | DT2550M |
| Certifications | CE, ERICO DT2 Series cURus VDE | | - |

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WARNING

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