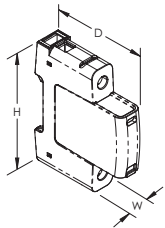


EDT2 Enhanced DIN Rail Surge Protection Class II, 1+0 Mode – EDT255010R



- Includes nVent ERICO TD Technology to ensure reliability throughout adverse voltage conditions
- Enhanced temporary over voltage (TOV) withstand capability
- External back-up fuse is not required up to 315 A
- Compact, yet high surge rated pluggable design, using minimum DIN rail width
- Retaining clip ensures enhanced vibration and shock resistance performance
- Red/Green status indication and change-over contacts standard for remote monitoring



Part Number	EDT255010R
Nominal System Voltage (Un)	400 V
Max Continuous Operating Voltage (Uc)	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)	2,500 V
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA
Response Time	25 ns Max
Protection Modes	L-PE N-PE L-PEN L-N
Short Circuit Current Rating (Isccr)	25 kA 50 kA
Temporary Over Voltage 120 min (Ut/mode)	918 V Withstand
Nominal Discharge Current (In), UL	20 kA 8/20 μ s
Short Circuit Current Rating (SCCR)	200 kA
Voltage Protection Rating (VPR)	1,800 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
Temperature	-40 to 70 °C

Part Number	EDT255010R
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 (D)	69 mm
Height (H)	90 mm
Width (W)	18 mm
Unit Weight	0.155 kg
Certification Details	UL® 1449 Edition 4 Type 1CA
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II
Certifications	VDE
Standard Packaging Quantity	1 pc
UPC	78285693915

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WARNING

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