

EDT2 Enhanced DIN Rail Surge Protection Class II, 3+1 Mode



CERTIFICATIONS



VLASTNOSTI

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 (IEC only)

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

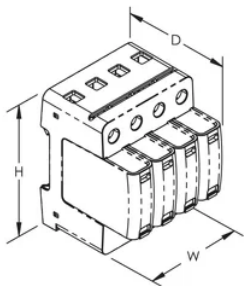
SPECIFIKACE

Katalogové číslo	EDT230031R
Nominal System Voltage (Un)	240 V
Max Continuous Operating Voltage (Uc)	300 V L-N 305 V N-PE
Nominal Discharge Current (In), IEC, L-N	20kA 8/20 µs

Katalogové číslo	EDT230031R
Nominal Discharge Current (In), IEC, N-PE	40kA 8/20 µs
Max Discharge Current (Imax), IEC, L-N	50kA 8/20 µs
Max Discharge Current (Imax), IEC, N-PE	65kA 8/20 µs
Voltage Protection Level (Up), L-N	1650V
Voltage Protection Level (Up), N-PE	1500V
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA
Frequency	50 - 60 Hz
Response Time, L-N	25 ns Max
Response Time, N-PE	100 ns Max
Protection Modes	L-N N-PE
Short Circuit Current Rating (Isccr)	25kA 50kA
Temporary Over Voltage 120 min (Ut/mode), L-N	442 V Withstand
Temporary Over Voltage Withstand 200 ms (Ut), N-PE	1200V
Nominal Discharge Current (In), UL	20kA 8/20 µs
Short Circuit Current Rating (SCCR)	150kA
Voltage Protection Rating (VPR), L-N	1200V
Voltage Protection Rating (VPR), N-PE	1000V
Technology	Thermal Disconnect
Connection, Solid	35 mm² Max
Connection, Stranded	25 mm² Max
Torque (TQ)	4.5 N·m
Humidity	5 - 95
Temperature	-35 to 85 °C
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20
Mounting	35 mm top hat DIN rail
Remote Contact Switching Capacity	1 A @ 250 VAC 1 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

Katalogové číslo	EDT230031R
Hĺoubka (D)	69mm
Height (H)	90 mm
Width (W)	72 mm
Unit Weight	0.37 kg
Certification Details	UL® 1449 Edition 5 Type 1CA
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II
Replacement Module	SGT240M EDT2300M

DIAGRAMS



UPOZORNĚNÍ

Produkty nVent musí být instalovány a používány pouze tak, jak je uvedeno v instrukčních listech a materiálech pro školení nVent. Instrukční listy jsou k dispozici na www.nvent.com a od vašeho zástupce zákaznického servisu nVent. Nesprávná instalace, zneužití, nesprávné použití nebo jiný nedostatek úplného dodržování pokynů a varování nVent může způsobit selhání produktu, poškození majetku, vážné zranění osob a smrt a/nebo zrušit vaši záruku.

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