

EDT2 Enhanced DIN Rail Surge Protection Class II, 4+0 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

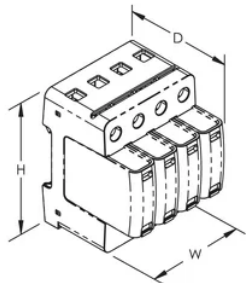
SPECIFIKACE

Katalogové číslo	EDT248040R	EDT230040R
Nominal System Voltage (Un)	400 V	240 V
Max Continuous Operating Voltage (Uc)	480 V	300 V
Nominal Discharge Current (In), IEC	20kA 8/20 μ s	20kA 8/20 μ s
Max Discharge Current (Imax), IEC	50kA 8/20 μ s	50kA 8/20 μ s

Katalogové číslo	EDT248040R	EDT230040R
Voltage Protection Level (Up)	2300V	1650V
Back-Up Fuse @ Isccr	250 A @ 50 kA 315 A @ 25 kA	250 A @ 50 kA 315 A @ 25 kA
Frequency	50 - 60 Hz	50 - 60 Hz
Response Time	25 ns Max	25 ns Max
Protection Modes	L-PE N-PE	L-PE N-PE
Short Circuit Current Rating (Isccr)	25kA 50kA	25kA 50kA
Temporary Over Voltage 120 min (Ut/mode)	762 V Withstand	442 V Withstand
Nominal Discharge Current (In), UL	20kA 8/20 µs	20kA 8/20 µs
Short Circuit Current Rating (SCCR)	200kA	150kA
Voltage Protection Rating (VPR)	1800V	1200V
Technology	Thermal Disconnect	Thermal Disconnect
Connection, Solid	35 mm² Max	35 mm² Max
Connection, Stranded	25 mm² Max	25 mm² Max
Torque (TQ)	4.5 N·m	4.5 N·m
Humidity	5 - 95	5 - 95
Temperature	-35 to 85 °C	-35 to 85 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20	IP 20
Mounting	35 mm top hat DIN rail	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	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	Yes
Status Indication	Mechanical flag	Mechanical flag
Hloubka (D)	69mm	69mm
Height (H)	90 mm	90 mm
Width (W)	72 mm	72 mm
Unit Weight	0.56 kg	0.52 kg
Certification Details	UL® 1449 Edition 5 Type 1CA	UL® 1449 Edition 5 Type 1CA
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II	EN 61643-11 Type 2 IEC® 61643-11 Class II

Katalogové číslo	EDT248040R	EDT230040R
Replacement Module	EDT2480M	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.

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



Naše portfolio silných značek:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE