

DT Panel VDE Certification Ratings

	DTX120B400TTS DTX120F400TTS	DTX240B400TTS DTX240F400TTS	DTX120B400TT DTX120F400TT	DTX240B400TT DTX240F400TT
Nominal System Voltage (Un)	230/400 V	230/400 V	230/400 V	230/400 V
Distribution System	3PhΔ 4W+G TT	3PhΔ 4W+G TT	3PhΔ 4W+G TT	3PhΔ 4W+G TT
Max Continuous Operating Voltage (Uc) L-N	300 V	300 V	300 V	300 V
N-PE	305 V	305 V	305 V	305 V
Max Discharge Current (Imax), L-N	40 kA 8/20 μs	40 kA 8/20 μs	40 kA 8/20 μs	40 kA 8/20 μs
N-PE	100 kA 8/20 μs	100 kA 8/20 μs	150 kA 8/20 μs	150 kA 8/20 μs
Impulse Current (Iimp), L-N	N/A	N/A	7.5 kA 10/350 μs	7.5 kA 10/350 μs
N-PE			70 kA 10/350 μs	70 kA 10/350 μs
Nominal Discharge Current (In), L-N	30 kA 8/20 μs	30 kA 8/20 μs	30 kA 8/20 μs	30 kA 8/20 μs
N-PE	50 kA 8/20 μs	50 kA 8/20 μs	100 kA 8/20 μs	100 kA 8/20 μs
Frequency	50 – 60 Hz			
Protection Modes	L-N; L-PE; N-PE			
Voltage Protection Level (Up) L-N	2100 V	2100 V	1900 V	1900 V
N-PE	2100 V	2100 V	3600 V	3600 V
Short Circuit Current Rating (Isc cr)	50 kA @ 125A Class gG			
Temporary Over Voltage 120 min (Ut/mode)	442 V Safe Fail			
Temporary Over Voltage Withstand 5s (Ut)	336 V			
Temperature	–40 to 176°F			
Mounting	4 Screw Locations			
Enclosure Material	Metal with PC Lid			
Enclosure Rating	NEMA®-4X; UL® 50E Type 4, IP65			
Lead Size imperial	#14 – #6 (2.5 – 16 mm ²)			
Remote Contact Switching Capacity	2 A @ 240 V			
Remote Contacts	Yes (Form C)			
Status Indication	Audible alarm, silence switch; Dual color status LED; Mechanical flag; OLED Display; Surge/TOV Counter, Resettable			
Technology	Hybrid technology utilizing thermal disconnects			
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C; ANSI®/IEEE® C62.41.1-2002 Cat A, Cat B, Cat C; ANSI®/IEEE® C62.45-2002 Cat A, Cat B, Cat C; EN 61643-11 Type 2; IEC® 61643-11 Class II			
Depth (D)	114.3 mm	140.2 mm	114.3 mm	140.2 mm
Height (H)	330.2 mm	335.1 mm	330.2 mm	335.1 mm
Width (W)	101.6 mm	329.9 mm	101.6 mm	329.9 mm
Unit Weight	2.97 kg	9.15 kg	3.27 kg	9.75 kg
Replacement Module	EDT2300M; SGT150M	EDT2300M; SGT150M	DT1300M; SGT1100M	DT1300M; SGT1100M