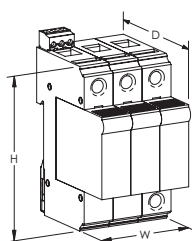


Transient Discriminating Surge Diverter, 50 kA Three Mode



- TD Technology with thermal disconnect protection
- Compact design fits into DIN distribution panel boards and motor control centers
- Indication flags and voltage-free contacts provide remote status monitoring
- Separate plug and base design facilitates replacement of a failed surge module
- 50kA 8/20 μ s maximum surge rating provides protection suitable for sub-distribution panels and a long operational life



Part Number	TDS50120/240
Nominal System Voltage (Un)	120 - 150 VAC
Max Continuous Operating Voltage (Uc)	170/340 VAC
Stand-off Voltage	240/480 VAC
Voltage Protection Rating (VPR)	600.0 V @ 3 kA 1,000.0 V @ 25 kA
Nominal Discharge Current (In)	25 kA 8/20 μ s
Max Discharge Current (Imax)	50 kA 8/20 μ s
Back-Up Overcurrent Protection	125 A
Short Circuit Current Rating (SCCR)	200 kA
Frequency	0 - 100 Hz
Protection Modes	L-N N-PE L-L
Response Time	5 ns Max
Technology	TD technology with thermal disconnect
Connection, Solid	#2 Max
Connection, Stranded	#4 Max
Mounting	35 mm top hat DIN rail
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Remote Contacts	Yes
Status Indication	Mechanical flag
Temperature	-40 to 176 °F

Part Number	TDS50120/240
Module Width	3 M
Depth (D)	2.68"
Height (H)	3.54"
Width (W)	2.07"
Unit Weight	0.79 lb
Certification Details	UL® 1449 Edition 4 Type 4CA, 20 kA Mode
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 2, 50 kA 8/20 µs IEC® 61643-1 Class II
Replacement Module	TDS150M150

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WARNING

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