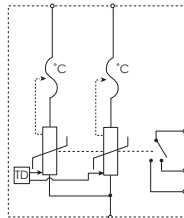
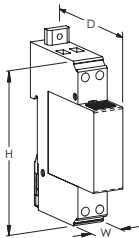


# Transient Discriminating Surge Diverter, 20 kA Three Mode – TDS1301TR240 (702422)



- 20 kA 8/20  $\mu$ s surge rating provides robust surge protection
- TD Technology with thermal disconnect protection
- Compact package, modular DIN rail mounting for limited space requirements
- Three modes of protection: L-N, L-PE and N-PE
- Indication flags and voltage-free contacts provide remote status monitoring
- Separate plug and base design facilitates replacement of a failed surge module



Part Number	TDS1301TR240
Article Number	702422
Nominal System Voltage (Un)	220 - 240 VAC
Max Continuous Operating Voltage (Uc)	275 VAC
Stand-off Voltage	440 VAC
Voltage Protection Rating (VPR)	1,500.0 V @ 3 kA L-N 800.0 V @ 3 kA L+N-PE
Nominal Discharge Current (In), Per Mode	8 kA 8/20 $\mu$ s
Max Discharge Current (Imax)	20 kA 8/20 $\mu$ s L-N 20 kA 8/20 $\mu$ s L-PE
Back-Up Overcurrent Protection	63 A
Short Circuit Current Rating (SCCR)	200 kA
Frequency	0 – 100 Hz
Protection Modes	L-N L-PE N-PE
Response Time	5 ns Max
Technology	TD technology with thermal disconnect
Connection, PE Solid	35 mm <sup>2</sup> Max
Connection, PE Stranded	25 mm <sup>2</sup> Max
Connection, Solid	6 mm <sup>2</sup> Max
Connection, Stranded	6 mm <sup>2</sup> Max
Mounting	35 mm top hat DIN rail
Enclosure Material	UL <sup>1</sup> 94V-0 Thermoplastic
Enclosure Rating	IP 20

Part Number	TDS1301TR240
	NEMA®-1
Remote Contacts	Yes
Status Indication	Mechanical flag
Temperature	-40 to 80 °C
Module Width	1 M
Depth (D)	68 mm
Height (H)	90 mm
Width (W)	18 mm
Unit Weight	0.12 kg
Certification Details	UL 1449 Edition 3 Type 2, 3 kA Mode
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B IEC® 61643-1 Class III
Replacement Module	TDS130M240
Certifications	cURus
Standard Packaging Quantity	1 pc
UPC	78285662174
EAN-13	8711893097122

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**WARNING**

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