D150X Series

150kA Surge Protective Device



DITEK's D150X Series feature a true, all-mode surge protection design platform. It is manufactured using discrete protection components installed on every available mode for maximum performance and protection. Available in a wide range of voltage configurations, the D150X Series is an excellent choice for service entrance and distribution panel surge protection.

PRODUCT FEATURES

- 150,000 amps per phase surge current rating ensures long service life
- Discrete, thermally-protected MOVs installed on every available mode
- Diagnostic LEDs per phase provide positive indication of SPD function and ground status
- Audible alarm and Form C dry contacts for remote monitoring
- All models are UL96A & NFPA 780 compliant
- UL 1449 Listed Type 1 SPD

APPLICATIONS

- Switchboard
- Distribution Panels
- Subpanels
- Disconnect Switches

ACCESSORIES

- Flush mount kit P/N D200-FMK

TECHNICAL SPECIFICATIONS	
Voltage Configurations:	See chart on page 2
Surge Current Rating:	150,000A per phase 50,000A per mode
Short Circuit Current Rating (SCCR):	100,000A
Operating Frequency:	50/60Hz
Status Indication:	LEDs per phase, Audible alarm, Form C contacts
Recommended Circuit Breaker:	30A single or multi-pole

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Diteksurgeprotection.com • SPS-100074-002 Rev 2 05/26

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Part Number	Voltage	Service	MCOV	I_n Rating	Voltage Protection Rating (VPR)			
					L-L	L-N	L-G	N-G
D150X-120/2401	120/240Vac	Split Φ (3w + G)	150V/300V	20kA	900V	700V	700V	600V
D150X-120/2083Y	120/208Vac	Three Φ Wye (4w + G)	150V/270V	20kA	900V	700V	700V	600V
D150X-120/240HL	120/240Vac	Three Φ Delta High Leg (4w + G)	150V/300V 270V/300V	20kA	1000V 1200V	700V 1000V	700V 1000V	700V
D150X-2403D	240Vac	Three Φ Delta (3w + G)	300V	20kA	1000V	N/A	1000V	N/A
D150X-277/4803Y	277/480Vac	Three Φ Wye (4w + G)	320V/540V	20kA	1500V	1200V	1200V	700V
D150X-4803D	480Vac	Three Φ Delta (3w + G)	540V	20kA	1500V	N/A	1800V	N/A

MECHANICAL SPECIFICATIONS	
Connection Method:	¾" NPT non-metallic flexible conduit 30-inch 10 AWG wire leads
Housing:	NEMA Type 4X polycarbonate
Operating Temperature:	-31°F – 185°F (-35°C – 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	6.29 in. L x 6.29 in. W x 2.36 in. H (160 mm x 160 mm x 60 mm)
Weight:	3.5 lbs. (1.59kg)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5th Edition Type 1 SPD CSA C22.2 No. 269.1-17, 2017-02 Type 1 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

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MADE IN USA

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