



## D200 Series 200kA Surge Protective Device

DITEK's D200 Industrial Surge Protectors are designed to provide protection to AC power systems in the most demanding environments. The D200 Series incorporates individually fused components for maximum performance and protection. Available in a wide range of voltage configurations, the compact D200 is an excellent choice for electrical panel protection.



### Product Features

- 200,000 Amps per Phase surge current rating ensures long service life
- Compact size enables close mounting to the protected panel to minimize wire length and maximize performance
- Diagnostic LED provides positive indication of system power and SPD function
- Audible alarm and Form C dry contacts for remote monitoring
- UL96A Lightning Protection Compliant
- Available in 7 voltage configurations

### Applications

- Service Entrance
- Branch Panel

### Accessories

- Flush Mount Kit, p/n D200-FMK

### Technical Specifications

<b>Voltage Configurations:</b>	See Chart on Page 2
<b>Surge Current Rating:</b>	200,000A / Phase 100,000A / Mode
<b>SCCR:</b>	100,000A
<b>Operating Frequency:</b>	50/60Hz

### Mechanical Specifications

<b>Connection Method:</b>	¾" NPT Male Non-metallic Fitting 30-inch 10 AWG Leads
<b>Housing:</b>	NEMA 4X Polycarbonate
<b>Operating Temperature:</b>	-32°F – 104°F (0°C – 40°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	6.29" L X 6.29" W x 2.36" H (160 mm x 160 mm x 60 mm)
<b>Weight:</b>	2 lb (0.9 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 4 <sup>th</sup> Edition CSA C22.2 No. 269.1-14
<b>SPD Type:</b>	Type 1
<b>Standards Compliance:</b>	ANSI/IEEE C62.41 and C62.45 Category B & C3
<b>Warranty:</b>	10 Year Limited Warranty





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Part Number	Service Voltage	Service Configuration	MCOV	UL In Rating	Voltage Protection Rating (VPR)			
					L-G	L-L	L-N	N-G
<b>D200-120/2401</b>	120/240VAC	Split $\Phi$ (3W + G)	150V/300V	20kA	600V	1,000V	600V	900V
<b>D200-120/2083Y</b>	120/208VAC 127/220VAC	Three $\Phi$ Wye (4W + G)	150V/300V	20kA	600V	1000V	600V	900V
<b>D200-120/240HL</b>	120/240VAC	Three $\Phi$ High Leg Delta (4W + G)	150V/300V 320V/470V	20kA	600V HL-G 1200V	1,000V HL-L 1500V	600V HL-N 1000V	900V
<b>D200-277/4803Y</b>	277/480VAC 220/380VAC 230/400VAC 240/415VAC	Three $\Phi$ Wye (4W + G)	320V/640V	20kA	1200V	1800V	1000V	1800V
<b>D200-347/6003Y</b>	347/600VAC	Three $\Phi$ Wye (4W + G)	420V/840V	20kA	1500V	2500V	1500V	2500V
<b>D200-2403D</b>	240VAC	Three $\Phi$ Delta (3W + G)	320V/640V	20kA	1200V	1800V	N/A	N/A
<b>D200-4803D</b>	480VAC	Three $\Phi$ Delta (3W + G)	550V/1100V	20kA	1800V	3000V	N/A	N/A

