

D200 Series

200kA / Ø, 100kA / Mode - Surge Protective Device



Product Features

- 200,000 Amps/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 indicates system power, SPD function, alarm and ground status
- Dry Contacts for remote monitoring
- Available in 8 voltage configurations

Applications

- Service Entrance
- Branch Panel

Accessories

- Flush Mount Kit: D200-FMK

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.

Technical Specifications

| | |
|------------------------------|--|
| Service Voltage: | Single, split & three phase configurations. See chart |
| Surge Current Rating: | 200,000 Amps per phase, 100,000 Amps per mode |
| SCCR: | 100,000A |
| Operating Frequency: | 40Hz – 400Hz |

Mechanical Characteristics

| | |
|-------------------------------|--|
| Connection Method: | ¾" NPT conduit, watertight fittings |
| Housing: | NEMA 4X |
| Operating Temperature: | -40°F - 140°F (-40°C - 60°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 6.3"Lx 2.4"W x 6.3"H (160mm x 61mm x 160mm) |
| Weight: | 2.9 lb. (1.3kg) |

Quality, Standards & Approval

| | |
|------------------------------|--|
| Agency Approvals: | UL1449 Listed, cUL |
| SPD Type: | SPD Type 1 (US), SPD Type 2 (Canada) |
| Standards Compliance: | ANSI/IEEE C62.41 and C62.45 Category B and C3 |
| Warranty: | Ten Year Limited Warranty |

Every precaution has been taken to ensure that this literature is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.



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| Part Number | Service Voltage | Service Configuration | MCOV | UL I _n Rating | Voltage Protection Rating (VPR) | | | |
|--|-----------------|--|------------|--------------------------|---------------------------------|------------------------|------------------------|-------|
| | | | | | L-G | L-L | L-N | N-G |
| D200-120/2401 | 120VAC | Split Ø (3W + G) | 150V/300V | 20kA | 600V | 1000V | 600V | 900V |
| D200-120/2083Y D200-127/2203Y | 120/208VAC | Three Ø Wye (4W + G) | 150V/300V | 20kA | 600V | 1000V | 600V | 900V |
| D200-120/240HL | 120/240VAC | Three Ø High Leg Delta (4W + G) | 150V/320V | 20kA | 600V HL-G 1200V | 1000V HL-L 1500V | 600V/ HL-N 1000V | 900V |
| D200-277/4803Y D200-220/3803Y D200-230/4003Y D200-240/4153Y | 277/480VAC | Three Ø Wye (4W + G) | 320V/640V | 20kA | 1200V | 1800V | 1000V | 1800V |
| D200-347/6003Y | 347/600VAC | Three Ø Wye (4W + G) | 420V/840V | 20Ka | 1500V | 2500V | 1500V | 2500V |
| D200-2403D | 240VAC | Three Ø Delta (3W + G) | 320V/640V | 20kA | 1200V | 1800V | N/A | N/A |
| D200-4803D | 480VAC | Three Ø Delta (3W + G) | 550V/1100V | 20kA | 1800V | 3000V | N/A | N/A |
| D200-6003D | 600VAC | Three Ø Delta (3W + G) | 840V/1680V | 20kA | 3000V | 6000V | N/A | N/A |

