

D300M Series

300kA / Ø, 150kA / Mode – Modular Surge Protective Device



Product Features

- 300,000 Amps/phase surge current rating to meet new construction bid/spec requirements for facility-wide protection
- Visual LED End of Life Indicator
 - Green = 67 to 100% Life
 - Yellow = 34 to 66% Life
 - Red = 0 to 33% Life
- Surge counter with reset button
- Audible alarm with silence button
- Form C Dry Contacts for remote monitoring
- Phase loss indication
- EMI/RFI filtering
- Replaceable SPD module
- UL96A Lightning Protection Compliant
- Available in 5 voltage configurations, with up to 10 modes of protection

Applications

- Service Entrance
- Distribution Panel

Accessories

- Replacement SPD Module: See chart
- Integral disconnect option available use "T" suffix

DITEK's D300M Industrial Surge Protectors are designed to provide professional-grade protection to AC power systems in the most demanding environments. Each model provides a high surge current rating to ensure long service life, and includes service assurance features that help alert building management of their current protection status so that managers can take action to maintain continued protection.

Technical Specifications

Part Number:	D300M Series
Service Voltage:	Split & three phase configurations. See chart
Surge Current Rating:	300,000 Amps/phase 150,000 Amps/mode
SCCR:	200,000 Amps
EMI/RFI Filtering	Up to -50dB from 10kHz to 100MHz
Operating Frequency:	50Hz – 60Hz

Mechanical Characteristics

Connection Method:	Hardwired Lugs, 8AWG-2AWG
Housing:	NEMA 4
Operating Temperature:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	13.52"Lx 12.98"W x 6.29"H (343mm x 330mm x 160mm)
Weight:	23 lb. (10.4kg)

Quality, Standards & Approval

Agency Approvals:	UL1449 Listed, CSA C22.2, UL96A
SPD Type:	SPD Type 1 (US), SPD Type 1 (Canada)
Standards Compliance:	ANSI/IEEE C62.41.1, C62.41.2 and C62.45 Category B and C3 RoHS Compliant
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.

D300M Series

300kA / Ø, 150kA / Mode – Modular Surge Protective Device



Part Number	Replacement SPD Module	Service Voltage	Service Configuration	MCOV	UL I _n Rating	Voltage Protection Rating (VPR)			
						L-G	L-L	L-N	N-G
D300M-120/2401	D300M-240SM	120/240VAC	Split Ø (3W + G)	150V/300V	20kA	800V	1500V	900V	700V
D300M-120/2083Y	D300M-208YM	120/208VAC 127/220VAC	Three Ø Wye (4W + G)	150V/300V	20kA	800V	1500V	900V	700V
D300M-277/4803Y	D300M-480YM	277/480VAC 220/380VAC 230/400VAC 240/415VAC	Three Ø Wye (4W + G)	320V/640V	20kA	1200V	2500V	1500V	800V
D300M-2403D	D300M-240DM	240VAC	Three Ø Delta (3W + G)	320V/640V	20kA	1200V	2500V	-	-
D300M-4803D	D300M-480DM	480VAC	Three Ø Delta (3W + G)	550V/1100V	20kA	1800V	4000V	-	-

