

DTK-120/240SA

100,000 Amp Residential/Light Commercial Surge Protective Device



Product Features

- Weatherproof enclosure
- Parallel connection
- Surface or flush mount capability
- Diagnostic LED provides positive indication of power, ground presence, and surge protection
- Automatically resets to handle multiple surge events

Applications

- Residential Meter Can
- Main Electrical Disconnect

DITEK's DTK-120/240SA Residential, Commercial and Light Industrial Surge Protective Device is a powerful first line of defense against voltage surges. Its 100,000 Amp/Phase surge current rating provides strong protection at such outdoor locations as the utility meter, main disconnect or household service panel. It can be used for indoor or outdoor applications.

Technical Specifications

Service Voltage:	120/240 VAC
MCOV:	150/300V
Protection Modes:	L-G, L-L
Voltage Protection Rating:	600V L-G 1,000V L-L
Surge Current Rating:	100,000 Amps (per phase) 50,000 Amps (per mode)
SCCR:	100,000 Amps
Nominal Discharge Current Rating (I_n):	20kA
Operation Frequency:	50/60 Hz

Mechanical Characteristics

Connection Method:	½" NPT conduit, water tight fittings
Housing:	NEMA 4X
Operating Temperature:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.7"L x 2.4"W x 4.7"H (119mm x 61mm x 119mm)
Weight:	1.45 lb (657g)

Quality, Standards & Approval

Agency Approvals:	UL 1449, cUL
SPD Type:	Type 1 SPD (US) Type 2 SPD (CAN)
Standard Compliance:	IEEE Category C
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.