

# 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)
Standards Compliance:	IEEE Category C
Warranty:	Ten Year Limited Warranty

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