



# DTK-120/240CM+

50kA Surge Protective Device

DITEK's DTK-120/240CM+ is designed to provide maximum protection for HVAC systems in the most demanding environments. It incorporates the latest thermally-protected surge component technology for the highest level of safety and performance, and the NEMA Type 4X polycarbonate enclosure allows for installation in the harshest of climates.



## PRODUCT FEATURES

- 50,000A surge current rating ensures maximum performance
- Compact size enables close mounting to the protected equipment
- Diagnostic LED provides positive indication of system power and SPD function
- NEMA Type 4X polycarbonate enclosure
- UL 1449 Listed Type 1 SPD
- \$7,500 3-year residential connected equipment warranty

## APPLICATIONS

- Inverter-Driven HVAC Systems
- Condensing Units
- Air Handlers
- Ductless HVAC Systems
- Pool Control Panels

## ACCESSORIES

- Flush mount kit P/N DTK-FMK

## TECHNICAL SPECIFICATIONS

Service Voltage:	120/240Vac Split $\Phi$
Surge Current Rating:	50,000A
Short Circuit Current Rating (SCCR):	100,000A
Nominal Discharge Current Rating ( $I_n$ ):	10kA
MCOV:	150V/300V
Voltage Protection Rating (VPR):	700V Line-Ground 1200V Line-Line
Operating Frequency:	50/60Hz
Status Indication:	LED

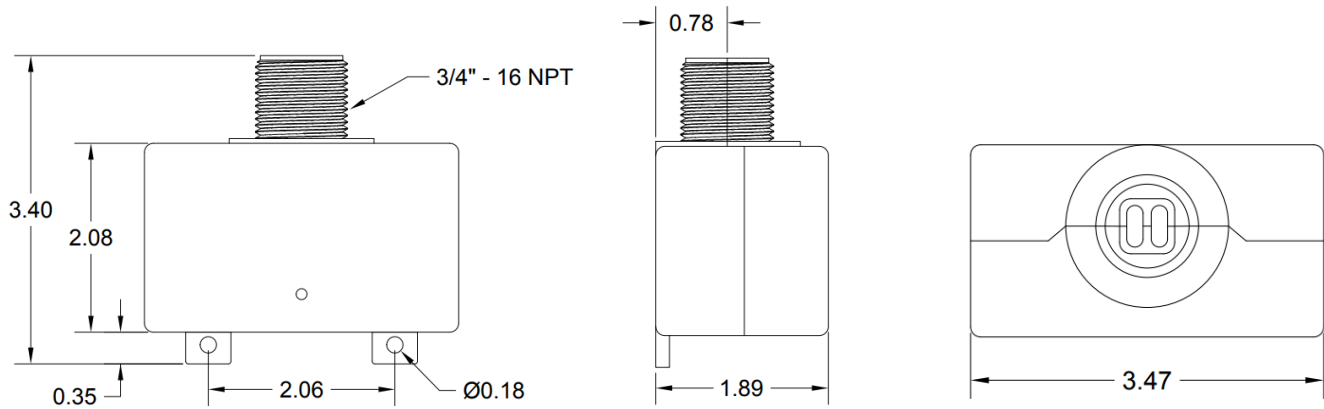
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MECHANICAL SPECIFICATIONS	
Connection Method:	3/4" NPT male hub 18-inch 12AWG wire leads
Housing:	NEMA Type 4X polycarbonate
Operating Temperature:	-31°F – 176°F (-35°C – 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.47 in. L x 2.08 in. W x 1.89 in. H (88 mm x 53 mm x 48 mm)
Weight:	8.8 oz. (249g)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5 <sup>th</sup> Edition Type 1 SPD CSA C22.2 No. 269.1-17, 2017-02 Type 1 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty 3 Year \$7,500 Residential Connected Equipment