

MT-SPI-138KV-650KV-54IN-M1

138 kV Station Post Insulator, Porcelain Type, 650 kV BIL, 54 Inches Total Length

Product ID: 326749



Image: MT-SPI-138KV-650KV-54IN-M1

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-SPI-138KV-650KV-54IN-M1 Station Post Insulator

Unit Type: Station Post Insulator, Porcelain Type

System Voltage: 138 kV

Low Frequency Withstand Voltage, Wet, 10 sec.: 230 kV

BIL Voltage: 650 kV

Impulse Flashover-Positive: -

Min. Arcing Distance: -

Min. Creepage Distance: 155"

Total Length: 54 ± 0.03 inches

Radio Influence Voltage (60 Hz Test Voltage to Ground): -

Radio Influence Voltage (Max. RIV @ 1 MHz): -

Number of Sections: (1)

Cantilever Strength (Upright/Underhung): 4057 lbs

Tensile Strength: -

Torsion Strength: -

Compression Strength: -

Core Material: Fiberglass Rod

Housing Material: Porcelain

Fitting Material: Galvanized Steel

Top Bolt Circle: 5.0 inches

Bottom Bolt Circle: 7.0 inches

Top (Tap + 0.015): 5/8-11

Top (Min. Thread): 0.71

Bottom (Tap + 0.015): 5/8-11

Bottom (Min. Thread): 0.63

Mount: Horizontal or Vertical Mount

Weight: -

Ratings

Complies with ANSI C29.9

Compliant with Coastal Environment

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187



Shipping Dimensions: 13.78" x 13.78" x 51.18"

Shipping Weight: 190 lbs

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in the USA

The robust range of station post insulators are designed to support and stabilize power station infrastructure. Our station post insulators are engineered for superior durability and reliability, ensuring optimal performance under various operational conditions. Ideal for enhancing the efficiency and safety of power grids, the MT-SPI-138KV-650KV-54IN-M1 station post insulator meets the highest standards of quality.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

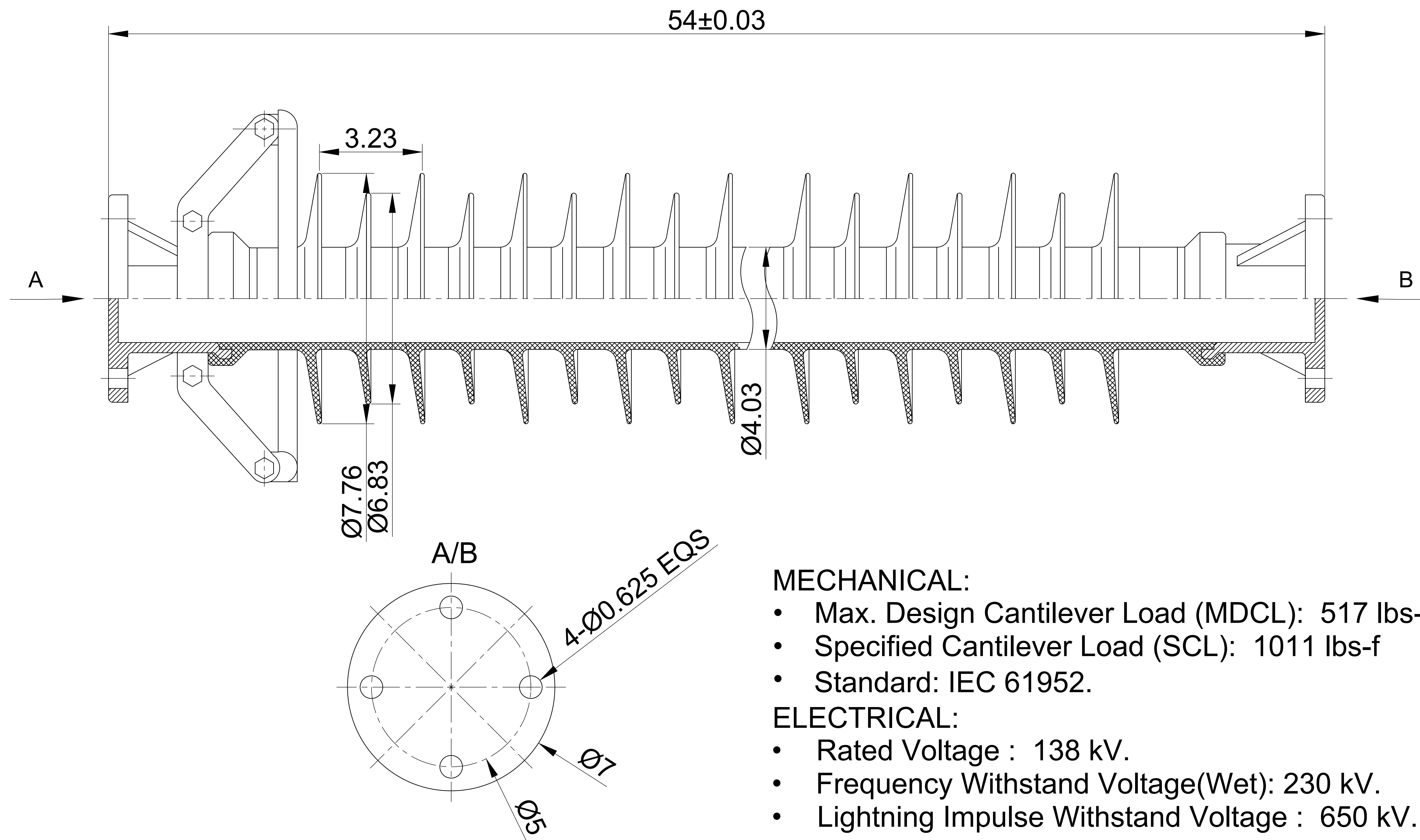
The MT-SPI-138KV-650KV-54IN-M1 Station Post Insulator, Porcelain type, is compatible with 138 kV rated voltage systems. It's Basic Insulation Level is 650 kV with total length 54 inches

Mount: Operators can mount the SPI horizontally or vertically.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

	8	7	6	5	4	3	2	1			
H	REV	DESCRIPTION							DATE	H	
	A	PRODUCT DESCRIPTION							08/05/2026		
G											G
F	MT-SPI-138KV-650KV-54IN-M1										F
E											E
D											D
C											C
B											B
A											A
	8	7	6	5	4	3	2	1			





MECHANICAL:

- Max. Design Cantilever Load (MDCL): 517 lbs-f
- Specified Cantilever Load (SCL): 1011 lbs-f
- Standard: IEC 61952.

ELECTRICAL:

- Rated Voltage : 138 kV.
- Frequency Withstand Voltage(Wet): 230 kV.
- Lightning Impulse Withstand Voltage : 650 kV.
- Standard: IEC 61952 .

RAW MATERIALS:

1. End-fitting:

1.1 Material: Hot Dip Galvanized Steel.

1.2 Mean coating thickness(minimum): 86µm.

2. Core:

2.1 Material: Epoxy & Glass Fiber.

3. Weather sheds:

3.1 Material: HTV Silicone.

3.2 Color: Gray.

4. Grading Ring:

4. 1 Material: Aluminum Alloy.

 9419 E US HWY 175, KEMP, TX 75143	TITLE MT-SPI-138KV-650KV-54IN-M1		
	DRAWN BY	DATE	REV
	CHECKED BY	SHEET # 1 OF 1	DRAWING #



Frequently Asked Questions (FAQ)

There are no Faqs