



## STATION POST INSULATOR – SQUARE BASE

SPI 200SB / 270SB / 305SB / 340SB / 410SB

Up to 36V



### Application

For use in **outdoor** station post insulator installations. i.e switchyards, switches, or busbars installations.

### Design

EMC Pacific SPI series square base moulded solid core outdoor PH-CEP\* hydrophobic cycloaliphatic epoxy resin station post insulator, based on a high creepage alternating shed diameter design.

### Standards

EMC Pacific station post insulators meet the Polymeric Resin Insulator requirements of IEC & AS 62217 and the relevant requirements of AS 4398 and IEC 60168.

### Quality

Each insulator is put through stringent quality assurance in line with the EMC Pacific ISO9001 Quality Management System.

### Ordering instructions

Insulators are supplied as standard with either of the following oversized brass insert options:

- M12 ■ 1/2"UNC

Please specify insert selection with order.

Manufactured in Australia by EMC Pacific Pty Ltd, Dandenong, Victoria.

Specification and product design are subject to change without notice. All Information is accurate at time of printing.

### Specification

\*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)

Product No	SPI 200-SB	SPI 270-SB	SPI 305-SB	SPI 340-SB	SPI 410-SB
Line Voltage (kV)	11 kV	22 kV	33 kV	33 kV	33 kV
Impulse Withstand Voltage (kV)	95 kV	150 kV	203 kV	200 kV	226 kV
Dry Power Frequency Withstand Voltage (kV)	38 kV	60 kV	100 kV	110 kV	140 kV
Wet Power Frequency Withstand Voltage (kV)	28 kV	50 kV	78 kV	109 kV	120 kV
Dry Arc Distance (mm)	220 mm	285 mm	320 mm	355 mm	425 mm
Creepage (mm)	514 mm	774 mm	912 mm	1047 mm	1370 mm
Minimum Cantilever Failing Load	8 kN	8 kN	6 kN	6 kN	6 kN
Minimum Tensile Failing Load	20 kN	20 kN	20 kN	20 kN	20 kN
Insulator Height	200 mm	270 mm	305mm	340 mm	410 mm
Maximum Shed Diameter	180 mm	180 mm	180 mm	180 mm	180 mm
Base Dimension	108 x 40 mm	108 x 40 mm	108 x 40 mm	108 x 40 mm	108 x 40 mm
Bolt Circle	76 mm	76 mm	76 mm	76 mm	76 mm
Weight (kg)	3.2 kg	3.8 kg	4.3kg	4.7 kg	5.7 kg
Pollution Level	42.8mm/kV V-Heavy@12kV	32.2mm/kV V-Heavy@24kV	25.3mm/kV Heavy@36kV	29mm/kV Heavy@36kV	38mm/kV V-Heavy@36kV