



## 900 SERIES HYDROPHOBIC INSULATORS INTEGRATED PIN POST

11kV to 36kV



Patented Integrated Pin Insulator Design

### Application

For use in outdoor medium voltage line insulator installations. Integrated pin minimizes hardware and reduces inventory. Suitable where very heavy pollution rated insulators are required up to 25kV and medium-heavy pollution up to 36kV.

### Design

EMC Pacific 900 series moulded solid core PH-CEP\* epoxy polymeric resin line insulator with an integrated pin, at standard cross arm pin lengths.

### Standards

EMCP integrated pin post insulators meet the Polymeric Resin Insulator requirements of IEC & AS 62217 and the relevant requirements of AS/NZS2947, AS 4899, AS 4435.4, IEC 61952, ANSI C29.5 and CEA LWIWG-02.

### Quality

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

### Ordering instructions

Insulators are supplied with either an M20 or M24 pin at a length of 50mm (1.96in) or 165mm (6.5 in) long. Please specify insert selection with order. (special pin sizes are available upon request)

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

	Australasia	Canada / U.S.A
Product No	IPP-900 PH-CEP	IPP-900 PH-CEP
For Line Voltage (kV)	11/22/33 kV	15/25/35kV
Impulse Withstand Voltage (kV)	200 kV	200 kV
Dry Power Frequency Withstand Voltage (kV)	115 kV	115 kV
Wet Power Frequency Withstand Voltage (kV)	95 kV	95 kV
Dry Arc Distance	354 mm	13.93 in
Creepage	882 mm	34.72 in
Cantilever	11 kN	2472 lbf
Minimum Tensile failing Load	20 kN	4496 lbf
Insulator Height	355mm	13.97 in
Maximum Shed Diameter	170mm	6.69 in
Weight	4.7 kg	10.36 lb
Pollution Level	36.7mm/kV – V/Heavy @ 24kV 24.5mm/kV – Medium @ 36kV	35.2mm/kV – V/Heavy @ 25kV 25.2mm/kV – Heavy @ 35kV

\*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)