



## 600 SERIES HYDROPHOBIC INSULATORS LINE POST

11kV to 25kV



### Application

For use in outdoor medium voltage line post insulator installations. Suitable where very heavy pollution rated insulators are required up to 15kV and medium-heavy pollution up to 25kV.

### Design

EMC Pacific 600 series moulded solid core PH-CEP\* epoxy resin line post insulator, based on a high creepage alternating shed diameter design.

### Standards

EMC Pacific line 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 as standard with either of the following base insert options:

- M24 ■ M20 ■ 3/4" 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

|  | Australasia / Canada                               | U.S.A   |
|--|--|---|
| Product No                                 | LPI-600 PH-CEP                                     | LPI-600 PH-CEP                                      |
| For Line Voltage (kV)                      | 11/22 kV   | 14.4/25 kV  |
| Impulse Withstand Voltage (kV)             | 150 kV   | 150 kV  |
| Dry Power Frequency Withstand Voltage (kV) | 90 kV  | 90 kV   |
| Wet Power Frequency Withstand Voltage (kV) | 73 kV  | 73 kV   |
| Dry Arc Distance                           | 316 mm   | 12.44 in  |
| Creepage                                   | 600 mm   | 23.62 in  |
| Cantilever                                 | 11 kN  | 2472 lbf  |
| Minimum Tensile failing Load               | 20 kN  | 4496 lbf  |
| Insulator Height                           | 276mm  | 10.86 in  |
| Maximum Shed Diameter                      | 161mm  | 6.33 in   |
| Weight                                     | 3.2 kg   | 7.05 lb   |
| Pollution Level                            | 50mm/kV – V/Heavy @ 12kV<br>25mm/kV – Heavy @ 24kV | 40mm/kV – V/Heavy @ 15kV<br>24mm/kV – Medium @ 25kV |

\*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)