

## Stand-off Low Voltage Insulators

Heinemann Electric's stand-off insulators are made from flame retardant fibreglass reinforced polyester and are stronger and hold closer tolerances than the traditional porcelain insulators. Our range of stand-off insulators isolate electrical conductors from mechanical mounting, preventing short circuits. They combine high mechanical strength with high arc resistance.



### Features

- Compression moulded glass reinforced polyester DMC
- Temperature withstand -40°C to +130°C
- Flame retardant properties
- High mechanical and electrical withstand
- Economically priced
- Chemical and oil resistant
- High resistance to leakage current

### Applications

- Earth bars
- Busbar insulators
- Electrical Panels
- Busbar connectors
- Distribution panels
- Switchboards

### Selection Data

Specifications	CAT NO.																		
	180610P01	180610P02	180610P04	180610P03															
Size - H x W	35 x 32	45 x 41	50 x 45	60 x 55															
Thread size	M6	M8	M10	M10															
Insert material	Plated steel	Plated steel	Plated steel	Plated steel															
Maximum recommended application voltage	1000V	1200V	1600V	2000V															
Breakdown voltage	>20kV	>20kV	>20kV	>20kV															
Maximum recommended screw torque	18Nm	20Nm	30Nm	30Nm															
Bending moment withstand	<table border="1"> <thead> <tr> <th>Nm</th> <th>180610P01</th> <th>180610P02</th> <th>180610P04</th> <th>180610P03</th> </tr> </thead> <tbody> <tr> <td>F1</td> <td>3.5 x 10<sup>3</sup></td> <td>4.0 x 10<sup>3</sup></td> <td>4.5 x 10<sup>3</sup></td> <td>4.5 x 10<sup>3</sup></td> </tr> <tr> <td>F2</td> <td>5.0 x 10<sup>3</sup></td> <td>5.0 x 10<sup>3</sup></td> <td>6.5 x 10<sup>3</sup></td> <td>11.0 x 10<sup>3</sup></td> </tr> </tbody> </table>				Nm	180610P01	180610P02	180610P04	180610P03	F1	3.5 x 10 <sup>3</sup>	4.0 x 10 <sup>3</sup>	4.5 x 10 <sup>3</sup>	4.5 x 10 <sup>3</sup>	F2	5.0 x 10 <sup>3</sup>	5.0 x 10 <sup>3</sup>	6.5 x 10 <sup>3</sup>	11.0 x 10 <sup>3</sup>
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