

## SM series Busbar Insulator



### Description

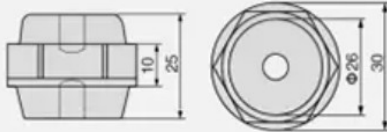
- 1) Made of bulk molding compound, unsaturated polymer with fiber glass
- 2) Good electrical resistance, heat resistance, fire resistance, low shrinkage and water resistance properties

### Technical parameter

Item name	SM series insulator
Axial tensile	2000N,3000N,4000N,5000N
Bending resistance	1000N,2000N,3000N,4000N,5000N,5500N
Tightening torque	8N/m,10N/m,12N/m,15N/m,20N/m
Operating voltage	600V,660V,1500V
Pulse voltage	3000V,5000V,8000V,1000V
Leakage current under 2000V working voltage	<1mA

## Drawing

### SM-25 Insulator



Insert		Insulation performance	
Nut Size	M6	Insulation resistance	500mΩ
Screw depth	9mm	<b>Strength</b>	
Nut Material	Copper	Operating Voltage	600V
Strength		Pulse voltage	3000V
Axial tensile	2000N	Leakage current under 2000V working voltage	< 1mA
Bending resistance	3000N		
Tightening torque	10N/m		

### SM-35 Insulator



Insert		Insulation performance	
Nut Size	M8/M10	Insulation resistance	>500MΩ
Screw depth	10M/12M	<b>Electrical Performance</b>	
Nut Material	Copper	Operating Voltage	600V
Strength		Pulse voltage	5000V
Axial tensile	3000N	Leakage current under 2000V working voltage	< 1mA
Bending resistance	4000N		
Tightening torque	12N/m		

### SM-40 Insulator



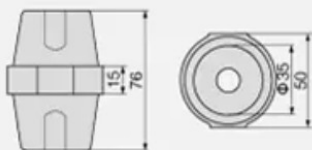
Insert		Insulation performance	
Nut Size	M8/M10	Insulation resistance	>1000MΩ
Screw depth	10.5/13.5mm	<b>Electrical Performance</b>	
Nut Material	Copper	Operating Voltage	600V
Strength		Pulse voltage	5000V
Axial tensile	3000N	Leakage current under 2000V working voltage	< 1mA
Bending resistance	5000N		
Tightening torque	15N/m		

### SM-51 Insulator



Insert		Insulation performance	
Nut Size	M8/M10/M12	Insulation resistance	>1000MΩ
Screw depth	10.5mm/13.5mm	<b>Electrical Performance</b>	
Nut Material	Copper	Operating Voltage	600V
Strength		Pulse voltage	5000V
Axial tensile	3000N	Leakage current under 2000V working voltage	< 1mA
Bending resistance	5000N		
Tightening torque	15N/m		

### SM-76 Insulator



Insert		Insulation performance	
Nut Size	M10	Insulation resistance	>1500M $\Omega$
Screw depth	13.5mm	Electrical Performance	
Nut Material	Copper	Operating Voltage	1500V
Strength		Pulse voltage	10000V
Axial tensile	4000N	Leakage current under 2000V working voltage	< 1mA
Bending resistance	5000N		
Tightening torque	20N/m		