


Diameter of shell (mm)	255±11.7	
Spacing (mm)	146±4.68	
Nominal creepage distance (mm)	320±14.3	
Coupling size (as per IEC60120)	16A	
Power-frequency withstand voltage	- Dry (kV)	70
	- Wet (kV)	40
Power-frequency puncture withstand voltage (kV)	-Positive polarity (kV)	105
	-Negative polarity (kV)	105
Lightning impulse withstand voltage	-Test voltage RMS to ground (kV)	10
	-Max. RIV at 1MHZ (μV)	≤50
Rated mechanical failing load (kN)	100	

6	Flocking	Nylon
5	Glass Shell	Toughened Glass
4	Pin	Forged Steel,HDG
3	Cement	Aluminate Cement
2	Split-Pin	Stainless Steel
1	Cap	Ductile Cast Iron ,HDG
No.	Description	Material Surface Treatment

A	GG --- Marking of Insulator Manufacturer			
B	Cap Supplier Icon			
	--- Marking of Cap Manufacturer XXXX --- Year of Manufacturing			
U100B/146Z		Drawing No.	Weight	Scale
		HQ02-01-04	3.6kg	NTS
Design	Technics	Verified	Approved	Date
Glass Insulator	 Sichuan Global Insulator Co.,LTD.			