

DSSC

Screened, Separable Connection System 24 kV 630 A

- Safe to touch
- Capacitive test point
- Faster installation
- In-built stress control offering high stress control properties
- Minimum jointer expertise
- Easy application
- Unlimited self-life
- Outstanding mechanical, chemical & electrical properties
- Non-corrosive and UV resistant.

38
Years of
Experience

34
Countries
Global
Presence

200
Plus Skilled
Manpower

4
World Class
Manufacturing
Facilities

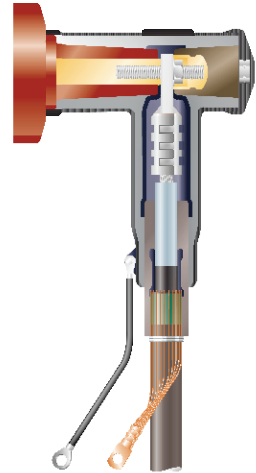
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Internationally
Approved
Products

DENSONS Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

Dimension Chart for Screened, separable connection system 630 A up to 24 kV

DSSC	Screened, separable connection system 630 A up to 24 kV	
Technical Data	Cable insulation diameter range	12.7-34.6 mm
	Connector cross-section range	25-300 mm ²
	Maximum system voltage	24 kV
	Continuous current rating	630 A
	Basic impulse level	125 kV
	Partial discharge at 2 U ₀	< 5 Pc
	AC voltage withstand, 1 min	57 kV
	DC voltage withstand, 15 min	76 kV
	Thermal short circuit, 1 s	33 kA
	Dynamic short circuit	84 kA

The adaptors meet the international CENELEC HD 629.1 S1 Specification



Selection Table for Screened separable connection system with DIN compression lugs

Cross Section	12 kV Diameter		Core Insulation	Reference Number	
	min.	max.		Al	Cu
25	12.7-	25.0 mm	DSSC-5101	DSSC-5121	
35	12.7-	25.0 mm	DSSC-5102	DSSC-5122	
50	12.7-	25.0mm	DSSC-5103	DSSC-5123	
70	12.7-	25.0mm	DSSC-5104	DSSC-5124	
95	12.7-	25.0mm	DSSC-5105	DSSC-5125	
120	12.7-	25.0mm	DSSC-5106	DSSC-5126	
150	21.2-	34.6 mm	DSSC-5107	DSSC-5127	
185	21.2-	34.6 mm	DSSC-5108	DSSC-5128	
240	21.2-	34.6 mm	DSSC-5109	DSSC-5129	
300	21.2-	34.6 mm	DSSC-5110	DSSC-5130	

Cross Section	24 kV Diameter		Core Insulation	Reference Number	
	min.	max.		Al	Cu
25	12.7-	25.0 mm	DSSC-5101	DSSC-5121	
35	12.7-	25.0 mm	DSSC-5102	DSSC-5122	
50	12.7-	25.0mm	DSSC-5103	DSSC-5123	
70	12.7-	25.0mm	DSSC-5104	DSSC-5124	
95	12.7-	25.0mm	DSSC-5105	DSSC-5125	
120	12.7-	25.0mm	DSSC-5106	DSSC-5126	
150	21.2-	34.6 mm	DSSC-5107	DSSC-5127	
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240	21.2-	34.6 mm	DSSC-5109	DSSC-5129	
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