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CPI3 - INNER CONE PLUG

CPI 3 is a silicone rubber screened “Inner Cone” cable connector or plug for connection into Switchgear and Transformers up to 33kV, with bushing Type 3 according to EN 50180 / 50181.

Key features and benefits;

- Fully type tested and long service history.
- Fast assembly time, with just 3 Cold Fit components.
- Range taking capability to accommodate variety of cables
- Integrated stress control system.
- Four Stress Cones covering 50 – 630sqmm (800sqmm Solid)
- Four Shear-bolt Connectors covering for 50 – 630sqmm.
- Additional shear-bolt for 800sqmm solid conductor.
- Rotating fixing plate for easy alignment.
- Fire Retardant properties.
- No special assembly or plug in tools.
- Minimal training and familiarisation.
- Sheath testing without dismantling of connector.
- Ex-stock availability.
- Variants available for 12 and 24kV applications

Performance:

- Maximum System Voltage : 52kV
- Continuous Nominal Current : 1250A
- Partial Discharge at $2U_0$: < 10pC
- AC Withstand Voltage, 5 Min : 124kV
- DC Withstand Voltage, 15 Min : 125kV
- Impulse Withstand Voltage : 250kV

Size Range:

Cable Cross Section (mm ²)	33kV Stress Cone Size Reference	Insulation Diameter Range (mm)
50 - 120	20	21.2 – 33.6
150		
150 - 185	27	28.9 – 37.8
240		
300	31	34.0 – 45.6
400 - 500		
630	37	39.1 – 51.0
800 (Solid)		



For more information, contact our Office in Laindon or Dan Chessher on +44 (0) 7738 488 039