

INCREASED PROTECTION AGAINST DAMAGING OVERVOLTAGES

DT Jointing Solutions, the exclusive representative for Eaton Cooper Power Systems range of cable accessories throughout Australia and New Zealand, are proud to announce the introduction of the complete 35kV (33kV) 200kV BIL ANSI profile deadbreak system.

The use of 200kV BIL-rated transformer core and coils is becoming more prevalent due to the impact of overvoltage occurrences. For many years, the industry has had to accept 150kV BIL for 33kV-rated ANSI accessories, which has been in direct conflict with Australian and New Zealand Standards – not any more, however. It is now possible to build a complete ANSI profile 33kV, 600A, 200kV BIL medium-voltage collector system, from the transformer core and coil and underground cable – to everything needed to terminate the cable and equipment. Protection against damaging overvoltages is significantly increased by utilising the 200kV BIL deadbreak system. The new and comprehensive offerings include:

- 35kV Tee Connectors
- Two-, three- and four-way deadbreak junctions
- Reducing tap plugs
- Insulating plugs
- 600amp bushing deadend plugs
- Connecting plugs

The 33kV ANSI bushings themselves are all rated to 200kV BIL. The increased BIL is one way of improving the system reliability and longevity through added dielectric strength, as well as complying with Australian and NZ standards which has not been available to date.

No longer is there a valid reason for sacrificing system protection due to limited component ratings when operating a 33kV ANSI system. Eaton Cooper Power Systems offers more

than 40 years of experience molding and designing underground EPDM separable connectors. This is just another example of how the Eaton Cooper Power Systems team listens and responds to

industry expectations and feedback from representatives throughout the world. Contact DT Jointing Solutions for technical data, pricing or system design assistance. 

