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File: PSS-M655SR

35kV	600A Dead-break Straight Receptacle Housing	w/o Test Point	M655SR
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Features:

- Fully rated 35kV, 600 Amp Dead-break Receptacle
- Fully shielded, fully submersible molded rubber housing
- 100% peroxide-cured construction includes insulation and conductive EPDM materials.
- Can be easily connected or disconnected using standard hand tools and equipment in a de-energized state.
- Optional accessories allow visible external separation, by-pass, isolation, dead-ending, grounding, and testing as well as adding taps, surge arrestors, and circuit protection.

M655SR Straight Receptacle Housing

Applications:

The M655SR is designed to provide a fully shielded, submersible cable connection on 35kV high-voltage apparatus bushings. These connectors allow a straight cable connection on switchgear or electrical apparatus equipped with 600 Amp bushings. The M655SR product range is from #2 AWG to 1250 kcmil for aluminum and copper conductors with insulation diameters from .640 " to 1.935 ". When used on metallic tape shield or drain wire cable, a 200ECG3 or 600ECS-G3 grounding kit/cable seal is recommended.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision
15kV Voltage Class
8.3kV Max Phase-to-Ground – Operating Voltage
14.4kV Max Phase-to-Phase
95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
50kV AC – One minute withstand
103kV DC – 15 minutes withstand
26kV AC – Corona Extinction @ 3pC sensitivity
600 Amp – Continuous
25kA Sym – 10 Cycles Momentary & Fault Close

Meets ANSI/IEEE Standard 386, Latest Revision
35kV Voltage Class
20.23 kV Max Phase-to-Ground – Operating Voltage
35kV Max Phase-to-Phase
150kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
50kV AC – One minute withstand
103kV DC – 15 minutes withstand
26kV AC – Corona Extinction @ 3pC sensitivity
600 Amp – Continuous