

Confirmation of Type Testing - PDV-100 Optima

This is to certify the successful completion of the following type tests for PDV-100 Optima, polymer-housed Distribution High (DH) arresters. Tests were performed in accordance with IEC Standard 60099-4, Ed. 3.0, 2014-6, "Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems."

Type Test Description	Clause
Insulation withstand	10.8.2
Residual voltage	10.8.3
Long term stability under continuous operating voltage	10.8.4
Repetitive charge transfer rating, Q_{rs}	10.8.5
Heat dissipation behavior	10.8.6
Operating duty, Q_{th}	10.8.7
Power frequency voltage-versus-time	10.8.8
Disconnecter	10.8.9
Short circuit	10.8.10
Bending moment	10.8.11
Weather aging	10.8.17



Robert C. Schmitt
Arresters Business Unit Manager
HUBBELL POWER SYSTEMS