

SURGE COUNTER

The new Hubbell Power Systems surge counters for MOV surge arresters provide important information concerning the operational history and current condition of your system.

FEATURES AND BENEFITS

- 6 digit electro-mechanical cyclometer
- Sealed to meet IP67 standard against water and dust ingress
- DuPont™ Rynite® housing with high corrosion and UV resistance
- Easy direct coupling to arrester base
- Powered by surge arrester connection
- No ground strap or wire needed
- No maintenance required
- Optional auxiliary model available

FACTORY ACCEPTANCE TESTS (FAT)

In addition to meeting the highest quality standards, each unit undergoes the following FAT tests:

- Leakage Current Calibration Test
- 8/20 Lightning Impulse Test



CATALOG INFORMATION

Part Number	Description
245170	Surge Counter only
245171	Surge Counter with Total Leakage Current Measurement (30 mA)
245176	Surge Counter with Total Leakage Current Measurement w/ Auxiliary Connection
245177	Surge Counter with Total Leakage Current Measurement (up to 50 mA)

PRODUCT DETAILS

Surge Counter	Minimum Count Current	200 Amp (8/20 μ s)
	Maximum High Current Withstand	100 kA (4/10 μ s)
	Nominal Residual Voltage at 100 kA	5 kV peak
	Count Rate	up to 10 per second
Electro-Mechanical Cyclometer	Vibration stability	30 m/s ² (10-500 Hz) per IEC 60068-2-6
	Shock stability	800 m/s ² (6ms) per IEC 60068-2-27
	Maintenance-free operation	10 million pulses
	General Design	According to EN 61010-1, EN 50178



hubbelpowersystems.com

For product inquiries, please contact your local sales representative or customer service representative.

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