

High Voltage Surge Arresters

Buyer's Guide — Section EXCOUNT-A

Surge counter EXCOUNT-A

EXCOUNT-A is a simple surge counter with all the essentials for easy installation and highest personnel safety. The counter is maintenance free; powered by the surge current and suitable for all weather and temperature conditions.



Design features

EXCOUNT-A comprises an impulse current transformer with a single turn primary in the form of an insulated stranded-copper cable to be connected in the earth circuit of an arrester. The cable is fitted at both ends with tinned-copper cable lugs. The secondary circuit is connected to a mechanical counting relay and all components are totally sealed in polymer. A suitably angled window permits easy reading of the 6-digit cyclometer-type counter.

Surge registration

The counting threshold for EXCOUNT-A is adapted for gapless surge arresters. Only pulses that are considered significant to the arrester capability and life are therefore registered.

Maintenance free

A robust aluminium casing is fitted over the encapsulated internals, which makes EXCOUNT-A non-sensitive to humidity or temperature variations. It can be exposed to all environments regardless of weather and temperature conditions. The current transformer secondary output is sufficient for driving the counter and an external supply source is hence not needed.

EXCOUNT-A

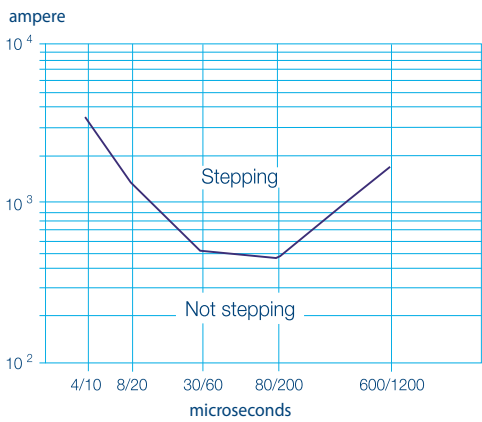
Technical data

General

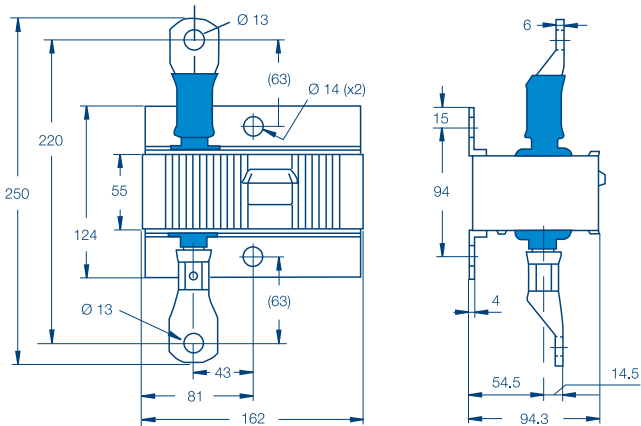
Item number	LB910 007-A
Climatic conditions	Sealed water-tight design, IP67
Short-circuit capability	65 kA according to IEC 60099-4
Power supply	Impulse current

Surge registration

Minimum counting threshold	1.6 kA
(8/20 µs)	



Stepping criteria



Dimensions

For more information please contact:

ABB AB

High Voltage Products

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