

October 6, 2006

Product Profile 2007:

Surge Arresters and Switching Spark Gaps

English/German, Ordering no.: EPC:48003-7400

Surge arresters quickly and safely limit over voltages to uncritical values and reliably discharge the resulting dangerous currents.

Switching spark gaps are powerful switches that can transmit capacitively stored energy in the range of nanoseconds with low losses. They can be used to generate high-energy pulses via the discharge to inductive loads.

The new product profile documents the current range of surge arresters and switching spark gaps. In addition to various type specifications, it contains further detailed information.

Contents

Surge arresters

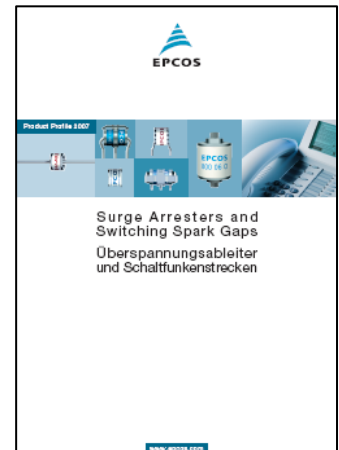
- Overview of types
- Applications, construction, function
- Definitions, measuring conditions, notes for power line applications
- Designation system
- 2-electrode arresters
- 3-electrode arresters, arrester varistor combination

Switching spark gaps

- General technical information
- Commodity types, high performance types

General

- Quality
- Taping and packing, mounting information
- Environmental protection
- Cautions and warnings



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Innovations

Surge arresters:

- Surge arresters designed for the protection of AC networks, classes I & II (max. duty): V13 series (500 and 800 V), L1 series (800 V), H3 series (800 V)
- ES...P with a lead spacing of 2.5 mm
- M50 series: SMD type (90, 230 and 350 V)
- A80 series: SMD type (90 and 230 V)

Switching spark gaps:

- CAM series (5 x 5 mm, 230 V)
- Reworking of the FS series for high-performance applications

How to order

The new Product Profile can be ordered (free of charge) from local EPCOS sales offices. Please state your full postal address or shipping address as well as the ordering number. The new publication can also be ordered online from the EPCOS website: <http://www.epcos.com/publications>

EPCOS employees should place their orders online at EPCOS Corporate Intranet under >>Publications >>Related Links >>click4business-supplies.

Contact: Agnes Schumann, CC BA, Mch M/Ku

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