

**Abstract****Overvoltage Arrester**

The overvoltage arrester consists of a gas-filled ceramic  
5 insulator (2) with two electrodes (3, 4) inserted into the  
ceramic insulator (2) subject to a mutual spacing, between  
which an electrically conductive connection is formed in  
the event of overvoltage conditions occurring, and of a  
short-circuiting element (5) that is provided on the  
10 outside of the ceramic insulator (2) for the purpose of  
establishing a galvanic connection between the two  
electrodes (3, 4) in the event of a temperature of the  
overvoltage arrester (1) being exceeded that is critical  
for the environment. The short-circuiting element (5) is  
15 conductively connected to one electrode (4) and connected  
to the other (3) via an insulating fusion pyrometer (7).  
The ceramic insulator (2) comprises at least one contact  
region (8) that is conductively connected to an electrode  
(3) and the insulating fusion pyrometer (7) abuts this  
20 contact region.

(Figure 1)