

TEST CERTIFICATE

Issued to: Phoenix Contact GmbH & Co. KG
Flachmarktstrasse 8
32825 Blomberg
Germany

For the product: surge protective devices

Trade name: Phoenix Contact

Type/Model: VAL-MS-T1/T2 600DC-PV/2+V(-FM),
VAL-MS-T1/T2 1000DC-PV/2+V(-FM),
VAL-MS 600DC-PV/2+V(-FM),
VAL-MS 1000DC-PV/2+V(-FM)

Ratings:	U_{cpv} (Vdc)	I_{scpv} (A)	I_n (kA)	I_{max} (kA)	I_{imp} (kA)	U_p (kV)
VAL-MS-T1/T2 600DC-PV/2+V(-FM)	720	80	15	40	5	2,6
VAL-MS-T1/T2 1000DC-PV/2+V(-FM)	1050	80	15	40	5	3,5
VAL-MS 600DC-PV/2+V(-FM)	800	80	15	40	-	2,7
VAL-MS 1000DC-PV/2+V(-FM)	1170	80	15	40	-	3,7

Manufactured by: Phoenix Contact GmbH & Co. KG
Flachmarktstrasse 8
32825 Blomberg
Germany

Subject: Type tests

Requirements: prEN 50539-11:2011

Remarks: SPDs for Y-configuration

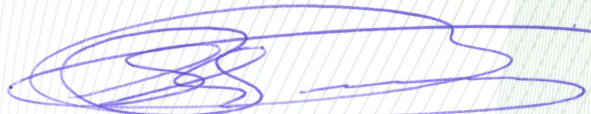
This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no 2151170.01-INC, issued on 27 March 2012.

The examination has been carried out on one single specimen of the products, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 27 March 2012

Number: 2151170.100

DEKRA Certification B.V.



H.L. Schendstok
Certification Manager

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