

# CERTIFICATE

Issued to:  
Applicant:  
**DEHN + SÖHNE GmbH + Co.KG.**  
**Hans-Dehn-Straße 1**  
**92318 Neumarkt, Germany**

Manufacturer/Licensee:  
**DEHN + SÖHNE GmbH + Co.KG.**  
**Hans-Dehn-Straße 1**  
**92318 Neumarkt, Germany**

Product : Surge protective devices  
Trade name : DEHN  
Types/models : DG M PV2 SCI 1000  
DG M PV2 SCI 1000 FM  
DG M PV2 SCI SN1868 FM

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 50539-11:2013;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 961720

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 14 March 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2214354.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Cliff Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	:	Surge protective devices
Trade name	:	DEHN
Types	:	DG M PV2 SCI 1000 DG M PV2 SCI 1000 FM DG M PV2 SCI SN1868 FM
SPD type (and test class)	:	Type 2 (II)
Maximum continuous operating voltage ( $U_{cpv}$ )	:	1000 V
Nominal discharge current ( $I_n$ )	:	12,5 kA
Maximum discharge current ( $I_{max}$ )	:	25 kA
Voltage protection level ( $U_p$ )	:	4,0 kV
Total discharge current ( $I_{Total}$ )	:	40 kA
Short-circuit current rating ( $I_{scpv}$ )	:	10 kA
Modes of protection	:	
DG M PV2 SCI 1000 (FM)	:	+/-, +/PE, -/PE (for string 1 and for string 2)
DG M PV2 SCI SN1868 FM	:	+/-, +/PE, -/PE (for 3 MPP-systems with common DC-)

**Additional information**

Type	Part no.
DG M PV2 SCI 1000	952514
DG M PV2 SCI 1000 FM	952519 (with remote contact)
DG M PV2 SCI SN1868 FM	999799 (with remote contact)

## Plug-in modules:

DG MOD PV SCI 500	952051
DG MOD PV 500	952041

**TESTS****Test requirements**

EN 50539-11:2013

**Test result**

The test results are laid down in DEKRA test file 2214354.01 and are also based on STC/AT 1038 and TRF No. CTI-PA 3143-3.

**Remarks**

This certificate replaces certificate 2171718.01 issued on 3 July 2014.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : OVE

Checked by : M.T.H. van Gemen

A handwritten signature in blue ink, appearing to be 'M.T.H. van Gemen', written over a horizontal line.**Factory locations**

DEHN + SÖHNE GmbH + Co.KG.  
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Germany