

# 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 YPV SCI 150 (FM)	DG S PV SCI 150 (FM)
	DG M YPV SCI 600 (FM)	DG S PV SCI 600 (FM)
	DG M YPV SCI 1000 (FM)	DG M YPV SCI 1200 (FM)
	DG YPV SCI 600 (FM)	DG YPV SCI 1000 (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: 9 March 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2214361.02

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 YPV SCI 150 DG M YPV SCI 150 FM DG S PV SCI 150 DG S PV SCI 150 FM DG M YPV SCI 600 DG M YPV SCI 600 FM DG S PV SCI 600 DG S PV SCI 600 FM DG M YPV SCI 1000 DG M YPV SCI 1000 FM DG M YPV SCI 1200 DG M YPV SCI 1200 FM DG YPV SCI 600 DG YPV SCI 600 FM DG YPV SCI 1000 DG YPV SCI 1000 FM
SPD type (and test class)	:	Type 2 (II)
Maximum continuous operating voltage ( $U_{cpv}$ )	:	See additional information
Nominal discharge current ( $I_n$ )	:	See additional information
Maximum discharge current ( $I_{max}$ )	:	See additional information
Voltage protection level ( $U_p$ )	:	See additional information
Total discharge current ( $I_{Total}$ )	:	See additional information
Short-circuit current rating ( $I_{scpv}$ )	:	See additional information
Modes of protection	:	+/-, +/-PE, -/PE

**Additional information**

Type	Part no.
DG M YPV SCI 150	952513
DG M YPV SCI 150 FM	952518 (with remote contact)
DG S PV SCI 150	952551
DG S PV SCI 150 FM	952556 (with remote contact)
Plug-in modules:	
DG MOD PV SCI 75	952055
DG MOD PV 75	952045
DG M YPV SCI 600	952511
DG M YPV SCI 600 FM	952516 (with remote contact)
DG S PV SCI 600	952550
DG S PV SCI 600 FM	952555 (with remote contact)
Plug-in modules:	
DG MOD PV SCI 300	952053
DG MOD PV 300	952043
DG M YPV SCI 1000	952510
DG M YPV SCI 1000 FM	952515 (with remote contact)
Plug-in modules:	
DG MOD PV SCI 500	952051
DG MOD PV 500	952041
DG M YPV SCI 1200	952512
DG M YPV SCI 1200 FM	952517 (with remote contact)
Plug-in modules:	
DG MOD PV SCI 600	952054
DG MOD PV 600	952044
DG YPV SCI 600	950531
DG YPV SCI 600 FM	950536 (with remote contact)
DG YPV SCI 1000	950530
DG YPV SCI 1000 FM	950535 (with remote contact)

type	$U_{cpv}$ (V)	$I_n$ (kA)	$I_{max}$ (kA)	$U_p$ (kV)	$I_{total}$ (kA)	$I_{scpv}$ (KA)
DG M YPV SCI 150 (FM)	150	10	20	0,8	40	10
DG S PV SCI 150 (FM)	150	10	20	0,8	--	10
DG M YPV SCI 600 (FM)	600	12,5	25	2,5	40	10
DG S PV SCI 600 (FM)	600	12,5	25	2,5	--	10
DG M YPV SCI 1000 (FM)	1000	12,5	25	4,0	40	10
DG M YPV SCI 1200 (FM)	1200	12,5	25	4,5	30	10
DG YPV SCI 600 (FM)	600	12,5	25	2,5	40	1
DG YPV SCI 1000 (FM)	1000	12,5	25	4,0	40	1

**TESTS****Test requirements**

EN 50539-11:2013

**Test result**

The test results are laid down in DEKRA test file 2214361.02 and are also based on STC/AT 1038 and TRF No. CTI-PA 3143-2 to 3143-7.

**Remarks**

This certificate replaces certificate 2162942.02 issued on 28 November 2013.

**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