

# CERTIFICATE

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

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

Products : Surge protective devices  
Trade name : DEHN  
Types : DEHNguard S

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 61643-11:2012; IEC 61643-11:2011;
- an inspection of the production location according to GENELEC 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: 27 March 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2168395.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Products	:	Surge protective devices
Trade name	:	DEHN
Types	:	DG S 75 (FM) DG S 150 (FM) DG S 275 (FM) DG S 320 (FM) DG S 385 (FM) DG S 440 (FM) DG S 600 (FM) DG S WE 600 (FM)
SPD type/class	:	2/II
Maximum continuous operating voltage ( $U_c$ )	:	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
Short-circuit current rating ( $I_{sc cr}$ )	:	See additional information
Maximum overcurrent protection (fuse)	:	gL/gG, see additional information

**Additional information**

Type	Part No.	Plugin module	$U_c$ (V)	$I_n$ (kA)	$I_{max}$ (kA)	$U_p$ (kV)	$I_{sc cr}$ (kA)	Fuse (A)
DG S 75 (FM)	952071/952091	952011	75	10	40	0,4	50	125
DG S 150 (FM)	952072/952092	952012	150	15	40	0,7	50	125
DG S 275 (FM)	952070/952090	952010	275	20	40	1,5	50	125
DG S 320 (FM)	952073/952093	952013	320	20	40	1,50	25	125
DG S 385 (FM)	952074/952094	952014	385	20	40	1,75	25	125
DG S 440 (FM)	952075/952095	952015	440	20	40	2,0	25	125
DG S 600 (FM)	952076/952096	952016	600	15	30	2,5	25	100
DG S WE 600 (FM)	952077/952097	952017	600	15	25	3,0	25	100

The surge protective devices may also be provided with remote contacts.

The type numbers are additional provided with suffix FM.

Ratings:

Rated voltage( $U_n$ ):	250 Vac	250 Vdc	125 Vdc	75 Vdc
Rated current:	0,5 A	0,1 A	0,2 A	0,5 A
Connection:	Max 1,5 mm <sup>2</sup> solid or flexible			

**TESTS****Test requirements**

EN 61643-11:2012  
IEC 61643-11:2011

**Test result**

The test results are laid down in DEKRA test file 2168395.02 and are also based on CB AT 2938 and TRF No. CTI-PA 2972-1 to 2972-9.

**Remarks**

This certificate replaces certificate 2168395.02 issued on 12 March 2014.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : OVE

Checked by : C.C. Burger

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke extending to the right.**Factory locations**

DEHN+ SÖHNE GmbH + Co. KG., Elektrotechnische Fabrik  
Hans-Dehn-Straße 1, 92318, Neumarkt, Germany