

# 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/models : DEHNguard DG ... CI ...

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 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: 26 March 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2168398.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.R.M. Barends  
Certification Manager

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

Product	:	Surge protective devices
Trade name	:	DEHN
Types	:	DG S CI 275 (FM) DG M TN CI 275 (FM) DG M TNC CI 275 (FM) DG M TNS CI 275 (FM) DG M TT CI 275 (FM) DG M TT 2P CI 275 (FM) DG M TT 2P CI 275NL (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 ( $I_{scsr}$ )	:	25 kA
Overcurrent protection	:	None, integrated fuse

**Additional information**

Type	Part.No.	Plugin module	Mode	$U_c$ (V)	$I_n$ (kA)	$I_{max}$ (kA)	$U_p$ (kV)
DG S CI 275 (FM)	952079 / 952099	952020	L>N	275	12,5	25	1,5
DG M TN CI 275 (FM)	952173 / 952178	952020	L>PE	275	12,5	25	1,5
		952010	N>PE	275	20	40	1,5
DG M TNC CI 275 (FM)	952304 / 952309	952020	L>PEN	275	12,5	25	1,5
DG M TNS CI 275 (FM)	952401 / 952406	952020	L>PE	275	12,5	25	1,5
		952010	N>PE	275	20	40	1,5
DG M TT CI 275 (FM)	952322 / 952327	952020	L>N	275	12,5	25	1,5
		952050	N>PE	255	20	40	1,5
DG M TT 2P CI 275 (FM)	952171 / 952176	952020	L>N	275	12,5	25	1,5
		952050	N>PE	255	20	40	1,5
DG M TT 2P CI 275NL (FM)	952170 / 952175	952020	L>N	275	12,5	25	1,5
		952050	N>PE	255	20	40	1,5

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	0,2A	0,5A
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 2168398.01.

**Remarks**

This certificate replaces certificate 2168398.01 issued on 1 September 2014.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : C.C. Burger



Checked by : M.T.H. van Gemen

**Factory locations**

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