

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 H TT 275 (FM)
DG M H TT 2P 275 (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 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: 28 March 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2197751.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
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 H TT 275 (FM) DG M H TT 2P 275 (FM)
SPD type/class	:	2/II
Maximum continuous operating voltage (U_c)	:	L-N: 275 V N-PE: 255 V
Nominal discharge current (I_n)	:	L-N: 20 kA N-PE: 80 kA
Maximum discharge current (I_{max})	:	L-N: 40 kA N-PE: 120 kA
Voltage protection level (U_p)	:	$\leq 1,5$ kV
Short-circuit current rating (I_{scsr})	:	50 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG

Additional information

Type:	Part.No.	Plugin module
DG M H TT 275 (FM)	952381 / 952385	952010 / 952081
DG M H TT 2P 275 (FM)	952181 / 952185	952010 / 952081

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 ² 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 2197751.01.

Conclusion

The examination proved that all test requirements were met.

Tested by : C.C. Burger

A blue ink signature of C.C. Burger, consisting of a large, stylized 'C' and 'B' followed by a horizontal line.

Checked by : M.T.H. van Gemen

A blue ink signature of M.T.H. van Gemen, featuring a series of overlapping, slanted lines.**Factory locations**

DEHN + SÖHNE GmbH + Co.KG.

Hans-Dehn-Straße 1, 92318 Neumarkt

Germany