

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 M

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.

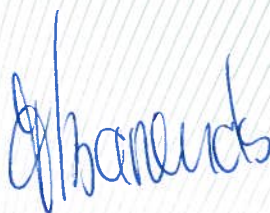
This certificate is issued on: 27 March 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2168395.04

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 M TNC 150 (FM) DG M TNC 275 (FM) DG M TNC 385 (FM) DG M TNC 440 (FM) DG M 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_{scsr})	:	See additional information
Maximum overcurrent protection (fuse)	:	gL/gG, see additional information

Additional information

Type	Part.No.	Plugin module	Mode	U_c (V)	I_n (kA)	I_{max} (kA)	U_p (kV)	I_{scsr} (kA)	Fuse (A)
DG M TNC 150 (FM)	952313/952318	952012	L/N>PE	150	15	40	0,7	50	125
DG M TNC 275 (FM)	952300/952305	952010	L/N>PE	275	20	40	1,5	50	125
DG M TNC 385 (FM)	952314/952319	952014	L/N>PE	385	20	40	1,75	25	125
DG M TNC 440 (FM)	952303/952308	952015	L/N>PE	440	20	40	2,0	25	125
DG M WE 600 (FM)	952302/952307	952017	L>PEN	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 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 2168395.04 and are also based on CB AT 2938 and TRF No. CTI-PA 2972-1 to 2972-9.

Remarks

This certificate replaces certificate 2168395.04 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, appearing to be 'C.C. Burger', with a long horizontal line extending to the right.**Factory locations**

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