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: 2168395.03

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Products	:	Surge protective devices
Trade name	:	DEHN
Types	:	DG M TN 150 (FM) DG M TN 275 (FM) DG M TN 275 NL (FM) DG M TT 2P 275 (FM) DG M TT 2P 275 NL (FM) DG M TT 2P 320 (FM) DG M TT 2P 385 (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_{sccr})	:	See additional information
Maximum overcurrent protection (fuse)	:	125 A gL/gG

Additional information

Type	Part.No.	Plugin module	Mode	U_c (V)	I_n (kA)	I_{max} (kA)	U_p (kV)	I_{sccr} (kA)
DG M TN 150 (FM)	952201/952206	952012	L/N>PE	150	15	40	0,7	50
DG M TN 275 (FM)	952200/952205	952010	L/N>PE	275	20	40	1,5	50
DG M TN 275 NL (FM)	952202/952207	952010	L/N>PE	275	20	40	1,5	50
DG M TT 2P 275 (FM)	952110/952115	952010	L>N	275	20	40	1,5	50
		952050	N>PE	255	20	40	1,5	-
DG M TT 2P 275 NL (FM)	952112/952117	952010	L>N	275	20	40	1,5	50
		952050	N>PE	255	20	40	1,5	-
DG M TT 2P 320 (FM)	952130/952135	952013	L>N	320	20	40	1,5	25
		952060	N>PE	255	20	40	1,5	-
DG M TT 2P 385 (FM)	952111/952116	952014	L>N	385	20	40	1,75	25
		952060	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	0,2 A	0,5 A
Connection:	max 1,5 mm² 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 2168395.03 and are also based on CB AT 2938 and TRF No. CTI-PA 2972-1 to 2972-9.

Remarks
This certificate replaces certificate 2148395.03 issued on 12 March 2014.

Conclusion
The examination proved that all test requirements were met.

Tested by : OVE

Checked by : C.C. Burger

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