CERTIFICATE

Issued to:
Applicant:
DEHN SE
Hans-Dehn-Str. 1
92318 Neumarkt, Germany

Licensee:
DEHN SE
Hans-Dehn-Str. 1
92318 Neumarkt, Germany

Product	:	Surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	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) and DG M TT 2P 385 (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(s) EN 61643-11:2012 and EN 61643-11:2012/A11:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 29 June 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-122720

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

D Huang
Certification Manager

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PRODUCTS
RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	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) and DG M TT 2P 385 (FM)
SPD type/class	:	2/II
Maximum discharge current (Imax)	:	40 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG
Optional remote contact	:	Type indication provided with suffix FM
Rated voltage (Un) / current	:	250 Vac 0,5 A 250 Vdc 0,1 A 125 Vdc 0,2 A 75 Vdc 0,5 A
Connection	:	Max 1,5 mm² solid or flexible

Product data – type DG M TN 150 (FM)

Part No.	:	952201/952206
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	150 V
Voltage protection level (Up)	:	≤ 0,7 kV
Nominal discharge current (In)	:	15 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952012

Product data – type DG M TN 275 (FM)

Part No.	:	952200/952205
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,25 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

Product data – type DG M TN 275 NL (FM)

Part No.	:	952202/952207
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,25 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

Product data – type DG M TT 2P 275 (FM)

Part No.	:	952110/952115
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V

Voltage protection level (Up)	:	L-N: ≤ 1,25 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010 / 952050

Product data – type DG M TT 2P 275 NL (FM)

Part No.	:	952112/952117
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,25 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010 / 952050

Product data – type DG M TT 2P 320 (FM)

Part No.	:	952130/952135
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 320 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,5 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952013 / 952060

Product data – type DG M TT 2P 385 (FM)

Part No.	:	952111/952116
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 385 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,75 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952014 / 952060

TESTS

Test requirements
EN 61643-11:2012
EN 61643-11:2012/A11:2018

Test result
The test results are laid down in DEKRA test file 226472100.

Additional information
This certificate replaces certificate No. 2168395.03 which we hereby declare invalid.

Conclusion
The examination proved that all requirements were met.

Factory location
The factory location is registered with the number 164748.