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 TNC 150 (FM), DG M TNC 275 (FM), DG M TNC 385 (FM), DG M TNC 440 (FM) and DG M WE 600 (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: 71-122911

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL

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 TNC 150 (FM), DG M TNC 275 (FM), DG M TNC 385 (FM), DG M TNC 440 (FM) and DG M WE 600 (FM)
SPD type/class	:	2/II
Optional remote contact	:	Type indication provided with suffix FM
Rated voltage (Un) / current	:	250 Vac 250 Vdc 125 Vdc 75 Vdc 0,5 A 0,1 A 0,2 A 0,5 A
Connection	:	Max 1,5 mm² solid or flexible

Product data – type DG M TNC 150 (FM)

Part No.	:	952313/952318
Mode of operation	:	L/N - PE
Maximum continuous operating voltage (Uc)	:	150 V
Voltage protection level (Up)	:	≤ 0,7 kV
Nominal discharge current (In)	:	15 kA
Maximum discharge current (Imax)	:	40 kA
Short-circuit current rating (Isccr)	:	50 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG
Plugin module	:	952012

Product data – type DG M TNC 275 (FM)

Part No.	:	952300/952305
Mode of operation	:	L/N - PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,5 kV
Nominal discharge current (In)	:	20 kA
Maximum discharge current (Imax)	:	40 kA
Short-circuit current rating (Isccr)	:	50 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG
Plugin module	:	952010

Product data – type DG M TNC 385 (FM)

Part No.	:	952314/952319
Mode of operation	:	L/N - PE
Maximum continuous operating voltage (Uc)	:	385 V
Voltage protection level (Up)	:	≤ 1,75 kV
Nominal discharge current (In)	:	20 kA
Maximum discharge current (Imax)	:	40 kA
Short-circuit current rating (Isccr)	:	25 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG
Plugin module	:	952014

Product data – type DG M TNC 440 (FM)

Part No.	:	952303/952308
Mode of operation	:	L/N - PE
Maximum continuous operating voltage (Uc)	:	440 V
Voltage protection level (Up)	:	≤ 2,0 kV
Nominal discharge current (In)	:	20 kA
Maximum discharge current (Imax)	:	40 kA
Short-circuit current rating (Isccr)	:	25 kA
Maximum overcurrent protection (fuse)	:	125 A gL/gG
Plugin module	:	952015

Product data – type DG M WE 600 (FM)

Part No.	:	952302/952307
Mode of operation	:	L-PEN
Maximum continuous operating voltage (Uc)	:	600 V
Voltage protection level (Up)	:	≤ 3,0 kV
Nominal discharge current (In)	:	15 kA
Maximum discharge current (Imax)	:	25 kA
Short-circuit current rating (Isccr)	:	25 kA
Maximum overcurrent protection (fuse)	:	100 A gL/gG
Plugin module	:	952017

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. 2168395.04 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.