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)	:	DSH TNC 255 FM, DSH TNS 255 FM, DSH TN 255 FM, DSH TT 255 FM and DSH TT 2P 255 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 30 June 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-122731

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

K. Lin
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)	:	DSH TNC 255 FM, DSH TNS 255 FM, DSH TN 255 FM, DSH TT 255 FM and DSH TT 2P 255 FM
SPD type/class	:	1/I and 2/II
Maximum continuous operating voltage (Uc)	:	255 Vac
Voltage protection level (Up)	:	≤ 1,5 kV
Short circuit current rating (Isccr)	:	25 kA
Overcurrent protection (fuse)	:	160 A gL/gG

Product data – type DSH TN 255 FM

Part No.	:	941205
Mode of protection	:	L/N-PE
Impulse discharge current (Iimp)	:	12,5 kA
Nominal discharge current (In)	:	12,5 kA
Total discharge current (ITotal)	:	25 kA

Product data – type DSH TNC 255 FM

Part No.	:	941305
Mode of protection	:	L-PEN
Impulse discharge current (Iimp)	:	12,5 kA
Nominal discharge current (In)	:	12,5 kA
Total discharge current (ITotal)	:	37,5 kA

Product data – type DSH TNS 255 FM

Part No.	:	941405
Mode of protection	:	L/N-PE
Impulse discharge current (Iimp)	:	12,5 kA
Nominal discharge current (In)	:	12,5 kA
Total discharge current (ITotal)	:	50 kA

Product data – type DSH TT 255 FM

Part No.	:	941315
Mode of protection	:	L-N / N-PE
Impulse discharge current (Iimp)	:	L-N: 12,5 kA N-PE: 50 kA
Nominal discharge current (In)	:	L-N: 12,5 kA N-PE: 50 kA
Total discharge current (ITotal)	:	50 kA

Product data – type DSH TT 2P 255 FM

Part No.	:	941115
Mode of protection	:	L-N / N-PE
Impulse discharge current (Iimp)	:	L-N: 12,5 kA N-PE: 25 kA
Nominal discharge current (In)	:	L-N: 12,5 kA N-PE: 25 kA
Total discharge current (ITotal)	:	25 kA

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. 2195962.01 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.