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 device
Trade name(s) : DEHN
Type(s)/model(s) : DV M2 TNC 255 FM, DV M2 TNS 255 FM, DV M2 TN 255 FM, DV M2 TT 255 FM and DV M2 TT 2P 255 FM

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:
- a type test according to 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 28 January 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-151169 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	surge protective device
Trade name(s)	:	DEHN
Type(s)/model(s)	:	DV M2 TNC 255 FM, DV M2 TNS 255 FM, DV M2 TN 255 FM, DV M2 TT 255 FM and DV M2 TT 2P 255 FM
SPD type / class	:	Type 1 / Class I Type 2 / Class II Type 3 / Class III
Maximum continuous operating voltage (Uc)	:	255 V
Open circuit voltage (Uoc)	:	6 kV
Voltage protection level (Up)	:	≤ 1,5 kV
Short-circuit current rating (Isccr)	:	L-N: 50 kA N-PE: 100 A
Maximum overcurrent protection	:	250 A gG fuse-link
Additional information	:	provided with remote signal contact (max. 0,5 A)

Product data – type DV M2 TN 255 FM

Part number	:	956 205
Number of poles	:	2-pole
Impulse discharge current (Iimp)	:	L/N-PE: 25 kA
Nominal discharge current (In)	:	L/N-PE: 25 kA
Total discharge current (Itotal)	:	50 kA

Product data – type DV M2 TNC 255 FM

Part number	:	956 305
Number of poles	:	3-pole
Impulse discharge current (Iimp)	:	L-PEN: 25 kA
Nominal discharge current (In)	:	L-PEN: 25 kA
Total discharge current (Itotal)	:	75 kA

Product data – type DV M2 TNS 255 FM

Part number	:	956 405
Number of poles	:	4-pole
Impulse discharge current (Iimp)	:	L/N-PE: 25 kA
Nominal discharge current (In)	:	L/N-PE: 25 kA
Total discharge current (Itotal)	:	100 kA

Product data – type DV M2 TT 255 FM

Part number	:	956 315
Number of poles	:	4-pole
Impulse discharge current (Iimp)	:	L-N: 25 kA N-PE: 100 kA
Nominal discharge current (In)	:	L-N: 25 kA N-PE: 100 kA
Total discharge current (Itotal)	:	100 kA

Product data – type DV M2 TT 2P 255 FM

Part number	:	956 115
Number of poles	:	2-pole
Impulse discharge current (Iimp)	:	L-N: 25 kA N-PE: 50 kA
Nominal discharge current (In)	:	L-N: 25 kA N-PE: 50 kA
Total discharge current (Itotal)	:	50 kA

TESTS

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

Test result
The test results are documented in DEKRA test file 229468500.

Additional information
This certificate replaces certificate No. 71-151169 which we hereby declare invalid.

Conclusion
The examination has confirmed that all requirements were met.

Factory location
The factory location is registered with the number 74868.