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)	:	DCOR 1P 275 D 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 14 July 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-143936

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

K Xu
Certification Manager

© Integral publication of this certificate is allowed

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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)	:	DCOR 1P 275 D FM
Number of port(s)	:	One
SPD type (Test class)	:	Type 2 (II) & Type 3 (III)
SPD design topology	:	Voltage limiting(L-N), Voltage switching(N-PE)
Maximum continuous operating voltage (Uc)	:	275 V~(L-N); 255 V~(N-PE)
Nominal discharge current (In 8/20µs)	:	10 kA
Total discharge current (Imax)	:	20 kA(L-N); 40 kA(N-PE)
Open circuit voltage for Type 3 (III) (Uoc)	:	20 kV
Voltage protection level (Up)	:	1.5 kV
Total discharge current for multipole SPD (Itotal)	:	40 kA
Short-circuit current rating (Isccr)	:	6 kA
Connection	:	0.2 to 6 mm²
Maximum overcurrent protection	:	25 A gG (serial wiring) 40 A gG (parallel wiring)
Part number	:	900 438

TESTS

Test requirements

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

Test result

The test results are documented in DEKRA test file 619285300.

Additional information

The list of components is laid down in test report 6192853.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

The factory location is registered with the number 21163.

Trade name(s): DEHN stands for