CERTIFICATE

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

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

Product	:	surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	DCU YPV SCI 1000 1M and DCU YPV SCI 1000 2M

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 61643-31:2019
- 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 3 December 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-121113

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
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)	:	DCU YPV SCI 1000 1M and DCU YPV SCI 1000 2M
SPD type (Test class)	:	Type 2 (II)
Maximum continuous operating voltage (Ucpv)	:	1000 Vdc
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Voltage protection level (Up)	:	4 kV
Total discharge current (ITotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	1000 A
Modes of protection	:	+/-, +/PE, -/PE
Degree of protection	:	IP65

Product data – type DCU YPV SCI 1000 1M

Part number	:	900910
Description	:	Enclosure with multipole SPD for PV inverters with one MPP input

Product data – type DCU YPV SCI 1000 2M

Part number	:	900920
Description	:	Enclosure with multipole SPD for PV inverters with two MPP inputs

TESTS

Test requirements
EN 61643-31:2019

Test result
The test results are laid down in DEKRA test file 225515400.

Additional information
This certificate replaces certificate No. 2168998.01 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.