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 YPV SCI 1000, DG M YPV SCI 1000 FM, DG M YPV SCI 1200, DG M YPV SCI 1200 FM, DG M YPV SCI 150, DG M YPV SCI 150 FM, DG YPV SCI 1000, DG YPV SCI 1000 FM, DG YPV SCI 600 and DG YPV SCI 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 61643-31:2019
- 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 4 March 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-119979 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
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 YPV SCI 1000, DG M YPV SCI 1000 FM, DG M YPV SCI 1200, DG M YPV SCI 1200 FM, DG M YPV SCI 150, DG M YPV SCI 150 FM, DG YPV SCI 1000, DG YPV SCI 1000 FM, DG YPV SCI 600 and DG YPV SCI 600 FM
SPD type (Test class)	:	Type 2 (II)
Modes of protection	:	DC+ <> DC- DC+/- <> PE

Product data – type DG M YPV SCI 1000

Part number	:	952 510
Plug-in modules	:	952 051 - DG MOD PV SCI 500 952 041 - DG MOD PV 500
Maximum continuous operating voltage (Ucpv)	:	1000 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	4,0 kV

Product data – type DG M YPV SCI 1000 FM

Part number	:	952 515 with remote contact
Plug-in modules	:	952 051 - DG MOD PV SCI 500 952 041 - DG MOD PV 500
Maximum continuous operating voltage (Ucpv)	:	1000 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	4,0 kV

Product data – type DG M YPV SCI 1200

Part number	:	952 512
Plug-in modules	:	952 054 - DG MOD PV SCI 600 952 044 - DG MOD PV 600
Maximum continuous operating voltage (Ucpv)	:	1200 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	30 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	4,5 kV

Product data – type DG M YPV SCI 1200 FM

Part number	:	952 517 with remote contact
Plug-in modules	:	952 054 - DG MOD PV SCI 600 952 044 - DG MOD PV 600
Maximum continuous operating voltage (Ucpv)	:	1200 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	30 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	4,5 kV

Product data – type DG M YPV SCI 150

Part number	:	952 513
Plug-in modules	:	952 055 - DG MOD PV SCI 75 952 045 - DG MOD PV 75
Maximum continuous operating voltage (Ucpv)	:	150 V
Nominal discharge current (In)	:	10 kA
Maximum discharge current (Imax)	:	20 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	0,8 kV

Product data – type DG M YPV SCI 150 FM

Part number	:	952 518 with remote contact
Plug-in modules	:	952 055 - DG MOD PV SCI 75 952 045 - DG MOD PV 75
Maximum continuous operating voltage (Ucpv)	:	150 V
Nominal discharge current (In)	:	10 kA
Maximum discharge current (Imax)	:	20 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	10 kA
Voltage protection level (Up)	:	0,8 kV

Product data – type DG YPV SCI 1000

Part number	:	950 530
Maximum continuous operating voltage (Ucpv)	:	1000 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	1 kA
Voltage protection level (Up)	:	4,0 kV

Product data – type DG YPV SCI 1000 FM

Part number	:	950 535 with remote contact
Maximum continuous operating voltage (Ucpv)	:	1000 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	1 kA
Voltage protection level (Up)	:	4,0 kV

Product data – type DG YPV SCI 600

Part number	:	950 531
Maximum continuous operating voltage (Ucpv)	:	600 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	1 kA
Voltage protection level (Up)	:	2,5 kV

Product data – type DG YPV SCI 600 FM

Part number	:	950 536 with remote contact
Maximum continuous operating voltage (Ucpv)	:	600 V
Nominal discharge current (In)	:	12,5 kA
Maximum discharge current (Imax)	:	25 kA
Total discharge current (Itotal)	:	40 kA
Short-circuit current rating (Iscpv)	:	1 kA
Voltage protection level (Up)	:	2,5 kV

TESTS

Test requirements
EN 61643-31:2019

Test result
The test results are laid down in DEKRA test file 226411200.

Additional information
This certificate replaces certificate No. 71-119979 REV.1 which we hereby declare invalid.

Conclusion
The examination proved that all requirements were met.

Factory locations
The factory locations are registered with the numbers 21163 and 164748.