

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) : DEHNguard S

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 EN 61643-11:2012 and EN 61643-11:2012/A11:2018
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 961720

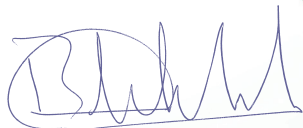
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 6 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-116235

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: surge protective devices
Trade name(s)	: DEHN
Type(s)/model(s)	: DG S 150 (FM), DG S 275 (FM), DG S 320 (FM), DG S 385 (FM), DG S 440 (FM), DG S 600 (FM), DG S 75 (FM) and DG S WE 600 (FM)
SPD type/class	: 2/II
Optional remote contacts	: Type indication provided with suffix FM
Rated voltage/current	: 250 Vac 250 Vdc 125 Vdc 75 Vdc 0,5 A 0,1 A 0,2 A 0,5 A
Connection	: max 1,5 mm ² solid or flexible

Product data – type DG S 150 (FM)

Part number	: 952072/952092
Plugin module	: 952012
Maximum continuous operating voltage (Uc)	: 150 V
Nominal discharge current (In)	: 15 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 0,7 kV
Short-circuit current rating (Iscrr)	: 50 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S 275 (FM)

Part number	: 952070/952090
Plugin module	: 952010
Maximum continuous operating voltage (Uc)	: 275 V
Nominal discharge current (In)	: 20 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 1,5 kV
Short-circuit current rating (Iscrr)	: 50 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S 320 (FM)

Part number	: 952073/952093
Plugin module	: 952013
Maximum continuous operating voltage (Uc)	: 320 V
Nominal discharge current (In)	: 20 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 1,5 kV
Short-circuit current rating (Iscrr)	: 25 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S 385 (FM)

Part number	: 952074/952094
Plugin module	: 952014
Maximum continuous operating voltage (Uc)	: 385 V
Nominal discharge current (In)	: 20 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 1,75 kV
Short-circuit current rating (Isc cr)	: 25 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S 440 (FM)

Part number	: 952075/952095
Plugin module	: 952015
Maximum continuous operating voltage (Uc)	: 440 V
Nominal discharge current (In)	: 20 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 2,0 kV
Short-circuit current rating (Isc cr)	: 25 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S 600 (FM)

Part number	: 952076/952096
Plugin module	: 952016
Maximum continuous operating voltage (Uc)	: 600 V
Nominal discharge current (In)	: 15 kA
Maximum discharge current (Imax)	: 30 kA
Voltage protection level (Up)	: < 2,5 kV
Short-circuit current rating (Isc cr)	: 25 kA
Maximum overcurrent protection	: 100 A gL/gG fuse

Product data – type DG S 75 (FM)

Part number	: 952071/952091
Plugin module	: 952011
Maximum continuous operating voltage (Uc)	: 75 V
Nominal discharge current (In)	: 10 kA
Maximum discharge current (Imax)	: 40 kA
Voltage protection level (Up)	: < 0,4 kV
Short-circuit current rating (Isc cr)	: 50 kA
Maximum overcurrent protection	: 125 A gL/gG fuse

Product data – type DG S WE 600 (FM)

Part number	: 952077/952097
Plugin module	: 952017
Maximum continuous operating voltage (Uc)	: 600 V
Nominal discharge current (In)	: 15 kA
Maximum discharge current (Imax)	: 25 kA
Voltage protection level (Up)	: < 3,0 kV
Short-circuit current rating (Isc cr)	: 25 kA
Maximum overcurrent protection	: 100 A gL/gG fuse

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 225053400.

Additional information

This certificate replaces certificate No. 2168395.02 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.