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)	:	Series DG MD...

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 6066552

DEKRA hereby grants the right to use the DEKRA Mark.

The DEKRA Mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Mark certification agreement.

This certificate is issued on 18 July 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-161375

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

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COUNCIL

PRODUCTS
RvA C 001

DEKRA

71-161375

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DEKRA Mark is the new KEMA-KEUR
The DEKRA Mark certificate for this product is to all intents and purposes equivalent to a KEMA-KEUR certificate, the other certification mark used by DEKRA and should be valued and used as such. DEKRA Mark is gradually replacing KEMA-KEUR.
For more information please check: Introducing DEKRA Mark

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	DG MD TNC 150 FM, DG MD TNC 275 (FM), DG MD TNC 385 FM, DG MD TNC 440 FM, DG MD TNS 150 FM, DG MD TNS 275 (FM), DG MD TNS 385 FM, DG MD TN 150 FM, DG MD TN 275 (FM), DG MD TT 150 FM, DG MD TT 275 (FM), DG MD TT 2P 275 (FM), DG MD TT 2P 320 FM, DG MD TT 2P 385 FM, DG MD TT 320 FM, DG MD TT 385 FM, DG MD WE 600 FM, DG SMD TNC 275 (FM) and DG SMD TNS 275 (FM)
SPD type/class	:	2/II ans 3/III
Open circuit voltage (Uoc)	:	L-N: 20 kV N-PE: 6 kV
Rated load curren (IL)	:	63 A
Maximum overcurrent protection (fuse)	:	63 A gL/gG (V-connection) 125 A gL/gG
Maximum discharge current (Imax)	:	40 kA
Remote contact	:	Type indication provided with suffix FM

Product data – type DG MD TN 150 FM

Part No.	:	943207
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	150 V
Voltage protection level (Up)	:	≤ 0,7 kV
Nominal discharge current (In)	:	15 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952012

Product data – type DG MD TN 275 (FM)

Part No.	:	943200 943205 (FM)
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,50 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

Product data – type DG MD TNC 150 FM

Part No.	:	943318
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	150 V

Voltage protection level (Up)	:	≤ 0,7 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952012

Product data – type DG MD TNC 275 (FM)

Part No.	:	943300 943305 (FM)
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,5 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	40 kA
Plugin module	:	952010

Product data – type DG MD TNC 385 FM

Part No.	:	943319
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	385 V
Voltage protection level (Up)	:	≤ 1,75 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952014

Product data – type DG MD TNC 440 FM

Part No.	:	943308
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	440 V
Voltage protection level (Up)	:	≤ 2,0 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952015

Product data – type DG MD TNS 150 FM

Part No.	:	943408
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	150 V
Voltage protection level (Up)	:	≤ 0,7 kV
Nominal discharge current (In)	:	15 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952012

Product data – type DG MD TNS 275 (FM)

Part No.	:	943400 943405 (FM)
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,5 kV

Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

Product data – type DG MD TNS 385 FM

Part No.	:	943409
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	385 V
Voltage protection level (Up)	:	≤ 1,75 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952014

Product data – type DG MD TT 150 FM

Part No.	:	943328
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 150 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 0,7 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 15 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952012 / 952050

Product data – type DG MD TT 275 (FM)

Part No.	:	943310 943315 (FM)
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,5 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010 / 952050

Product data – type DG MD TT 2P 275 (FM)

Part No.	:	943110 943115 (FM)
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,5 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010 / 952050

Product data – type DG MD TT 2P 320 FM

Part No.	:	943135
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 320 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,5 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952013 / 952050

Product data – type DG MD TT 2P 385 FM

Part No.	:	943117
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 385 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,75 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952014 / 952050

Product data – type DG MD TT 320 FM

Part No.	:	943325
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 320 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,5 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952013 / 952050

Product data – type DG MD TT 385 FM

Part No.	:	943317
Mode of protection	:	L-N / N-PE
Maximum continuous operating voltage (Uc)	:	L-N: 385 V N-PE: 255 V
Voltage protection level (Up)	:	L-N: ≤ 1,75 kV N-PE: ≤ 1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 20 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952014 / 952050

Product data – type DG MD WE 600 FM

Part No.	:	943307
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	600 V
Voltage protection level (Up)	:	≤ 3,0 kV

Nominal discharge current (In)	:	15 kA
Maximum discharge current (Imax)	:	25 kA
Short-circuit current rating (Isccr)	:	25 kA
Plugin module	:	952017
Maximum overcurrent protection (fuse)	:	100 A gL/gG

Product data – type DG SMD TNC 275 (FM)

Part No.	:	943306 943302 (FM)
Mode of protection	:	L-PEN
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,5 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

Product data – type DG SMD TNS 275 (FM)

Part No.	:	943402 943407 (FM)
Mode of protection	:	L/N-PE
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	≤ 1,5 kV
Nominal discharge current (In)	:	20 kA
Short-circuit current rating (Isccr)	:	50 kA
Plugin module	:	952010

TESTS

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

Test result
The test results are documented in DEKRA test file 230125000.

Conclusion
The examination has confirmed that all requirements were met.

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