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 TNC ACI 275 FM, DG M TNS ACI 275 FM, DG M TN ACI 275 FM, DG M TT 2P ACI 275 FM, DG M TT 2P ACI 385 FM, DG M TT ACI 275 FM, DG M TT ACI 385 FM, DG S ACI 275 FM and DG S ACI 385 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 61643-11:2012 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 31 January 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-127149

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

KEMA KEUR

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra.nl Company registration 09085396

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	DG M TNC ACI 275 FM, DG M TNS ACI 275 FM, DG M TN ACI 275 FM, DG M TT 2P ACI 275 FM, DG M TT 2P ACI 385 FM, DG M TT ACI 275 FM, DG M TT ACI 385 FM, DG S ACI 275 FM and DG S ACI 385 FM
SPD type/class	:	2/II
Short-circuit current rating (Isccr)	:	25 kA
Maximum overcurrent protection	:	not required

Product data – type DG M TN ACI 275 FM

Complete module	:	2 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-PE: 275 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	20 kA
Part numbers	:	complete module 952220 plugin module L-N: 952024 plugin module N-PE: 952022

Product data – type DG M TNC ACI 275 FM

Complete module	:	3 pole, with remote contact
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	20 kA
Part numbers	:	complete module 952330 plugin module: 952024

Product data – type DG M TNS ACI 275 FM

Complete module	:	4 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-PE: 275 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	20 kA
Part numbers	:	complete module 952440 plugin module L-N: 952024 plugin module N-PE: 952022

Product data – type DG M TT 2P ACI 275 FM

Complete module	:	2 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 80 kA
Maximum discharge current (Imax)	:	N-PE: 120 kA

Part numbers	:	complete module 952121 plugin module L-N: 952024 plugin module N-PE: 952083

Product data – type DG M TT 2P ACI 385 FM

Complete module	:	2 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-N: 385 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 80 kA
Maximum discharge current (Imax)	:	L-N: 40 kA N-PE: 120 kA
Part numbers	:	complete module 952122 plugin module L-N: 952028 plugin module N-PE: 952083

Product data – type DG M TT ACI 275 FM

Complete module	:	4 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-N: 275 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 80 kA
Maximum discharge current (Imax)	:	N-PE: 120 kA
Part numbers	:	complete module 952341 plugin module L-N: 952024 plugin module N-PE: 952083

Product data – type DG M TT ACI 385 FM

Complete module	:	4 pole, for L-N and N-PE protection with remote contact
Maximum continuous operating voltage (Uc)	:	L-N: 385 V N-PE: 255 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	L-N: 20 kA N-PE: 80 kA
Maximum discharge current (Imax)	:	L-N: 40 kA N-PE: 120 kA
Part numbers	:	complete module 952342 plugin module L-N: 952028 plugin module N-PE: 952083

Product data – type DG S ACI 275 FM

Complete module	:	1 pole, with remote contact
Maximum continuous operating voltage (Uc)	:	275 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	20 kA
Part numbers	:	complete module 952100 plugin module: 952024

Product data – type DG S ACI 385 FM

Complete module	:	1 pole, with remote contact
Maximum continuous operating voltage (Uc)	:	385 V
Voltage protection level (Up)	:	1,5 kV
Nominal discharge current (In)	:	20 kA
Maximum discharge current (Imax)	:	40 kA
Part numbers	:	complete module 952113 plugin module: 952028

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 225053300.

Additional information
This certificate replaces certificate No. 71-106134 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.