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)	:	DEHNRAIL M..

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 4 March 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2168399.01 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
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PRODUCTS
RvA C 001

KEMA KEUR

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Surge protective devices
Trade name(s)	:	DEHN
Type(s)/model(s)	:	DR M 2P 150 (FM), DR M 2P 255 (FM), DR M 2P 30 (FM), DR M 2P 60 (FM) and DR M 2P 75 (FM)
SPD type/class	:	3/III
Short-circuit current rating (Isccr)	:	6 kA with NH 25 A gL/gG 1 kA with MCB C 25 A
Maximum overcurrent protection	:	NH 25 A gL/gG or MCB C 25 A
Rated load current IL	:	25 A
Note	:	Suffix FM represents the optional remote signalling function connection max 1,5 mm² flexible or rigid - 250 Vac / 0,5 A - 250 Vdc / 0,1 A - 125 Vdc / 0,2 A - 75 Vdc / 0,5 A

Product data – type DR M 2P 150 (FM)

Part numbers	:	953204 / 953209
Plug-in module part number	:	953014
Maximum continuous operating voltage (Uc)	:	150 V
Open-circuit voltage (Uoc)	:	4 kV
Total discharge current (Itotal)	:	4 kA
Voltage protection level (Up)	:	0,64 kV (L-N) 0,80 kV (L/N-PE)

Product data – type DR M 2P 255 (FM)

Part numbers	:	953200 / 953205
Plug-in module part number	:	953010
Maximum continuous operating voltage (Uc)	:	255 V
Open-circuit voltage (Uoc)	:	6 kV
Total discharge current (Itotal)	:	5 kA
Voltage protection level (Up)	:	1,25 kV (L-N) 1,50 kV (L/N-PE)

Product data – type DR M 2P 30 (FM)

Part numbers	:	953201 / 953206
Plug-in module part number	:	953011
Maximum continuous operating voltage (Uc)	:	30 V
Open-circuit voltage (Uoc)	:	2 kV
Total discharge current (Itotal)	:	2 kA
Voltage protection level (Up)	:	0,18 kV (L-N) 0,63 kV (L/N-PE)

Product data – type DR M 2P 60 (FM)

Part numbers	:	953202 / 953207
Plug-in module part number	:	953012
Maximum continuous operating voltage (Uc)	:	60 V
Open-circuit voltage (Uoc)	:	2 kV
Total discharge current (Itotal)	:	2 kA
Voltage protection level (Up)	:	0,35 kV (L-N) 0,73 kV (L/N-PE)

Product data – type DR M 2P 75 (FM)

Part numbers	:	953203 / 953208
Plug-in module part number	:	953013
Maximum continuous operating voltage (Uc)	:	75 V
Open-circuit voltage (Uoc)	:	4 kV
Total discharge current (Itotal)	:	4 kA
Voltage protection level (Up)	:	0,40 kV (L-N) 0,73 kV (L/N-PE)

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 226411200.

Additional information
This certificate replaces certificate No. 2168399.01 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, 164748 and 52209.