

# CERTIFICATE

Issued to:  
Applicant:  
**DEHN+ SÖHNE GmbH + Co. KG.**  
Elektrotechnische Fabrik  
Hans-Dehn-Straße 1  
92318 Neumarkt, Germany

Manufacturer/Licensee:  
**DEHN+ SÖHNE GmbH + Co. KG.**  
Elektrotechnische Fabrik  
Hans-Dehn-Straße 1  
92318 Neumarkt, Germany

Products : surge protective devices  
Trade name : DEHN  
Types/models : DEHNrail M  
DR M 2P ...

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; IEC 61643-11:2011;
- 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.

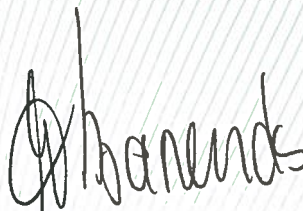
This certificate is issued on: 9 September 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2168399.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT**
**Product data**

Product	:	surge protective devices
Trade name	:	DEHN
Types	:	DR M 2P 30 (FM) DR M 2P 60 (FM) DR M 2P 75 (FM) DR M 2P 150 (FM) DR M 2P 255 (FM)
SPD type/class	:	3/III
Maximum continuous operating voltage ( $U_c$ )	:	See additional information
Open-circuit voltage ( $U_{oc}$ )	:	See additional information
Total discharge current ( $I_{Total}$ )	:	See additional information
Voltage protection level ( $U_p$ )	:	See additional information
Maximum overcurrent protection	:	NH 25 A gL/gG or MCB C 25 A
Short-circuit current rating ( $I_{scr}$ )	:	6 kA with NH 25 A gL/Gg 1 kA with MCB C 25 A
Rated load current ( $I_L$ )	:	25 A

**Additional information**

Type	Part.No.	Plugin module	$U_c$ (V)	$U_{oc}$ (kV)	$I_{tot}$ (kA)	$U_p$ (kV) L>N	$U_p$ (kV) L/N>PE
DR M 2P 30 (FM)	953201 / 953206	953011	30	2	2	0,18	0,63
DR M 2P 60 (FM)	953202 / 953207	953012	60	2	2	0,35	0,73
DR M 2P 75 (FM)	953203 / 953208	953013	75	4	4	0,4	0,73
DR M 2P 150 (FM)	953204 / 953209	953014	150	4	4	0,64	0,8
DR M 2P 255 (FM)	953200 / 953205	953010	255	6	5	1,25	1,5

The surge protective devices may also be provided with remote contacts.

The type numbers are additional provided with suffix FM.

**Ratings:**

Rated voltage( $U_n$ )	:	250 Vac	250 Vdc	125 Vdc	75 Vdc
Rated current	:	0,5 A	0,1 A	0,2 A	0,5 A
Connection	:	max 1,5 mm <sup>2</sup> flexible or rigid			

**TESTS****Test requirements**

EN 61643-11:2012

IEC 61643-11:2011

**Test result**

The test results are laid down in DEKRA test file 2168399.01.

**Remarks**

This certificate replaces certificate 2095810.01 issued on 9 February 2010.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : C.C. Burger



Checked by : M.T.H. van Gemen

**Factory locations**DEHN+ SÖHNE GmbH + Co. KG., Elektrotechnische Fabrik  
Hans-Dehn-Straße 1, 92318, Neumarkt, Germany