

CERTIFICATE

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

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

Product(s) : surge protective devices
Trade name(s) : DEHN
Type(s)/model(s) : DEHNventil 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 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.

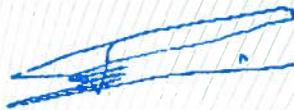
This certificate is issued on: 12 March 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2163108.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Products	:	Surge protective devices
Trade name	:	DEHN
Types	:	DV M TN 255 (FM), DV M TNC 255 (FM), DV M TNS 255 (FM), DV M TT 255 (FM), DV M TT 2P 255 (FM), DV M 2W 135 (FM), DV M 3W 255 (FM), DV M 3W 255 135 (FM), DV M 4W 255 (FM)
SPD type/class	:	1/I and 2/II
Maximum continuous operating voltage (U_c)	:	See additional information
Impulse discharge current (I_{imp})	:	See additional information
Nominal discharge current (I_n)	:	See additional information
Total discharge current (I_{Total})	:	See additional information
Voltage protection level (U_p)	:	$\leq 1,5$ kV
Short-circuit current rating (I_{scrr})	:	See additional information
Rated load current (I_L)	:	125 A
Maximum overcurrent protection	:	315 A gL/gG for parallel wiring 125 A gL/gG for serial wiring

Additional information

Type	Part.No.	Plugin module	Mode	U_c (V)	I_{imp} (kA)	I_n (kA)	I_{Total} (kA)	I_{scrr} (kA)	Number of poles
DV M TN 255 (FM)	951200/951205	951001	L/N-PE	264	25	25	50	50	2
DV M TNC 255 (FM)	951300/951305	951001	L-PEN	264	25	25	75	50	3
DV M TNS 255 (FM)	951400/951405	951001	L/N-PE	264	25	25	100	50	4
DV M TT 255 (FM)	951310/951315	951001	L-N	264	25	25	100	50	4
		951100	N-PE	255	100	100			
DV M TT 2P 255 (FM)	951110/951115	951001	L-N	264	25	25	50	50	2
		951050	N-PE	255	50	50			
DV M 2W 135 (FM)	951118/951119	951002	R-N	135	25	25	50	30	2
		951050	N-PE	255	50	50			
DV M 3W 255 (FM)	951331/951339	951001	R-T	264	25	25	75	50	3
		951001	R,T-S	264	25	25		50	
		951100	S-PE	255	100	100			
DV M 3W 255 135 (FM)	951321/951329	951002	R-T	264	25	25	75	50	3
		951001	R,T-N	135	25	25		30	
		951100	N-PE	255	100	100			
DV M 4W 255 (FM)	951431/951439	951001	R,S,T-N	264	25	25	100	50	4
		951100	N-PE	255	100	100			

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 ² solid or flexible			

TESTS**Test requirements**

EN 61643-11:2012

IEC 61643-11:2011

Test result

The test results are laid down in DEKRA test file 2163108.01.

Remarks

This certificate replaces certificate 2095605.01 issued on 21 August 2007.

Conclusion

The examination proved that all test requirements were met.

Tested by : C.C. Burger

A blue ink signature of C.C. Burger, consisting of a stylized 'B' followed by a horizontal line.

Checked by : M.T.H. van Gemen

A blue ink signature of M.T.H. van Gemen, featuring a stylized 'M' and 'G' followed by a horizontal line.**Factory locations**DEHN+ SÖHNE GmbH + Co. KG., Elektrotechnische Fabrik
Hans-Dehn-Str. 1, 92318, Neumarkt, Germany