

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

Products : Surge protective devices
Trade name : DEHN
Types : DEHNcombo

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 50539-11:2013;
- 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: 13 March 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2169143.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Product	: Surge protective devices
Trade name	: DEHN
Types	: DCB YPV SCI 600 (FM) DCB YPV SCI 1000 (FM) DCB YPV SCI 1500 (FM)
SPD type/class	: 1/I and 2/II
Maximum continuous operating voltage (U_{cpv})	: See additional information
Impulse discharge current (I_{imp})	: 6,25 kA
Total discharge current for class I test (I_{Total})	: 12,5 kA
Nominal discharge current (I_n)	: 15 kA
Total discharge current for class II test (I_{Total})	: 30 kA
Voltage protection level (U_p)	: See additional information
Short-circuit current rating (I_{scpv})	: 1000 A

Additional information

Type	Part. No.	Mode	U_{cpv} (V)	U_p (kV)
DCB YPV SCI 600 (FM)	900060 / 900065	DC+ > DC-	600	3,00
		DC+/- > PE	450	1,75
DCB YPV SCI 1000 (FM)	900061 / 900066	DC+ > DC-	1000	4,75
		DC+/- > PE	725	2,50
DCB YPV SCI 1500 (FM)	900062 / 900067	DC+ > DC-	1500	7,25
		DC+/- > PE	1100	3,75

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 (I_n):	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 50539-11:2013

Test results

The test results are laid down in DEKRA test file 2169143.01 and are also based on STC/AT 1003 and TRF No. CTI-PA 3013-1 to CTI-PA 3013-3.

Test result**Conclusion**

The examination proved that all test requirements were met.

Tested by : OVE

Checked by : C.C. Burger

A handwritten signature in blue ink, appearing to be "C.C. Burger", written over a horizontal line.**Factory locations**

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