

## VSPC BASE 2CL

**Weidmüller Interfaces GmbH & Co. KG**

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Base element for the pluggable VSPC arrester, integrated PE foot in impedance-neutral VSPC BASE. Can safely discharge up to 20 kA (8/20  $\mu$ s) and 2.5 kA (10/350  $\mu$ s) to the PE.

### General ordering data

Version	Surge protection, Flange-mounted housing, Flange-mounted housing
Order No.	<a href="#">8924710000</a>
Type	VSPC BASE 2CL
GTIN (EAN)	4032248696352
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	69 mm	Depth (inches)	2.717 inch
Height	90 mm	Height (inches)	3.543 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	73 g		

## Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
Humidity	5...96 %		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Rated data UL

Certificate No. (UL)	E311081	UL certificate	UL 497b Certificate
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## CSA protection data

Gas group C	IIB	Gas group D	IIA
Gas groups A, B	IIC	Input current, max. I <sub>i</sub>	450 mA
Internal inductance, max. L <sub>i</sub>	0 µH		

## General data

Colour	black	Design	Terminal, miscellaneous
Optical function display	No	Protection degree	IP20
Rail	TS 35, TS 35 x 7.5	Segment	Measurement - Monitoring - Setting
UL 94 flammability rating	V-0	Version	Flange-mounted housing

## Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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## Rated data IEC / EN

Rated current I <sub>N</sub>	450 mA	Signalling contact	No
Standards	IEC 61643-21, IEC 62305, DIN EN 60079-0:2009, DIN EN 60079-11:2007, DIN EN 60079-26:2007, DIN EN 61241-11:2006	Voltage type	AC/DC

## Further details of approvals

GOST certificate	GOST-Zertifikat
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**Technical data**

**Connection data**

Stripping length	7 mm	Type of connection	www.weidmueller.com Screw connection
Stripping length, rated connection	7 mm	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.8 Nm	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	2.5 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm		

**Ratings IECEx/ATEX/cUL**

cUL certificate cUL Certificate

**Classifications**

ETIM 6.0	EC000472	ETIM 7.0	EC000472
ETIM 8.0	EC000472	ECLASS 9.0	27-13-08-03
ECLASS 9.1	27-13-08-07	ECLASS 10.0	27-13-08-03
ECLASS 11.0	27-13-08-03	ECLASS 12.0	27-17-15-91

**Tender specification sheets**

Long specification	Base element for two floating-ground powered paired cables. When the base unit is fitted, a simultaneous electrically conducting contact is made between the mounting rail (earth) and the reference potential (ground) of the protection circuit in the plug. Mechanical coding of the base element to the protected plug according to switching type and rated voltage. The base unit is coded itself by the first insertion of a protected plug. Possible to mark all terminals	Short specification	Base element receives a protected plug for two floating-ground powered paired cables with direct earthing.
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**Approvals**

Approvals



ROHS Conform  
 UL File Number Search E311081

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[info@weidmueller.com](mailto:info@weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">SIL Paper</a> <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>	<a href="http://www.weidmueller.com">www.weidmueller.com</a>
Engineering Data	<a href="#">CAD data – STEP</a>	
Engineering Data	<a href="#">EPLAN, WSCAD</a>	
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>	
Catalogues	<a href="#">Catalogues in PDF-format</a>	
Brochures		

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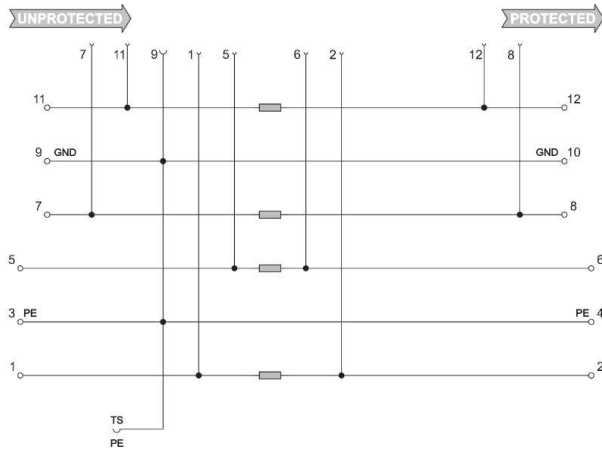
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**Drawings**

**Electric symbol**



Circuit diagram

Cate- gory	Testing pulse	Surge voltage	Surge current	Pulse	Type
C1	Quick- rising edge	0.5 - 2 kV with 1.2/50 µs	0.25 - 1 kA mit 8/20 µs	300	Surge voltage arrester
C2	Quick- rising edge	2 - 10 kV with 1.2/50 µs	1 - 5 kA mit 8/20 µs	10	Surge voltage arrester
C3	Quick- rising edge	≥ 1 kV with 1 kV/µs	10 - 100 A mit 10/10000 µs	300	Surge voltage arrester
D1	High power	≥ 1 kV	0.5 - 2.5 kA mit 10/350 µs	2	Arrester for lightning current and surge voltages

Discharge capacity