

## VSPC BASE 1CL PW FG

**Weidmüller Interface GmbH & Co. KG**  
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Base element for the pluggable VSPC arresters. Integrated PE foot in the base of the impedance-neutral VSPC BASE and **floating earth PE connection (FG)** via integrated **sparkover gap**, safely discharges up to 20 kA (8/20  $\mu$ s) and 2.5 kA (10/350  $\mu$ s) to PE. Suitable for unearthed signal circuits.

### General ordering data

Type	VSPC BASE 1CL PW FG
Order No.	<a href="#">110570000</a>
Version	Surge protection for instrumentation and control, 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
GTIN (EAN)	4032248881055
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Width	17.8 mm	Height	90 mm
Depth	69 mm	Net weight	76 g

### Temperatures

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

### General data

Colour	Black	Mounting rail	TS 35, TS 35 x 7.5
Protection degree	IP 20	Segment	Instrumentation and Control
UL 94 flammability rating	V-0		

### Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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### technical data

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	Colour	Black
Humidity	5...96 %	Dielectric strength at FG against PE	≥ 500 V

### Connection data

Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	2.5 mm <sup>2</sup>
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Stripping length, rated connection	7 mm	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>

### CSA protection data

Input current, max. I <sub>I</sub>	450 mA for Signal and 26 A fo Power	Internal inductance, max. L <sub>I</sub>	0 µH
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### Further details of approvals

GOST certificate	GOST-Zertifikat
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### Rated data UL

Certificate No. (UL)	E311081	UL certificate	UL 497b Certificate
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### Classifications

ETIM 3.0	EC000943	UNSPSC	30-21-19-21
eClass 5.1	27-13-08-01	eClass 6.2	27-13-08-02
eClass 7.1	27-13-08-02		

Erstellungs-Datum December 17, 2013 10:16:02 AM CET

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**Technische Daten****Product information**

Descriptive text ordering data	Technical data can be found at the end of the VARITECTOR SPC section.
Descriptive text accessories	EMC Set: 1067470000 Marker: DEK 5

**Approvals**

Approvals

**Downloads**

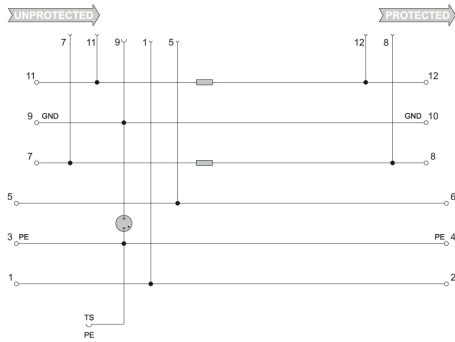
Package insert	<a href="#">Instruction sheet VSPC</a>
Declaration of Conformity	<a href="#">CE document</a>
EPLAN	<a href="#">1105700000.ema</a>
Selection matrix	<a href="#">Preference selection VSPC</a>
<a href="#">3D Modell</a>	

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# Zeichnungen

### 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