

**VSSC**  
**VSSC4 RC 240VAC/DC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Similar to illustration

Surge protection with individual components

- With suppressor circuitry / RC circuitry
- Can be used to fix solenoid valves

**General ordering data**

Type	VSSC4 RC 240VAC/DC
Order No.	<a href="#">1064130000</a>
Version	Surge protection for instrumentation and control, 240 V, 339 V, 20 A, IEC 61643-21
GTIN (EAN)	4032248829538
Qty.	5 pc(s).

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Catalogue status 03.04.2020 / We reserve the right to make technical changes.

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**Technical data**
**Dimensions and weights**

Width	12.4 mm	Width (inches)	0.488 inch
Height	76 mm	Height (inches)	2.992 inch
Depth	58.5 mm	Depth (inches)	2.303 inch
Net weight	35 g		

**Temperatures**

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

**Probability of failure**

λges	28.2	MTTF	4,048 Jahre
PFH in 1*10 <sup>-9</sup> per hour	80	SFF	97.16 %
SIL in compliance with IEC 61508	3		

**Environmental Product Compliance**

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

Certificate No. (UL)	E311081	UL certificate	UL Zertifikat
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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>	16 A
Input voltage, max. U <sub>i</sub>	407 V	Internal capacity, max. C <sub>i</sub>	222 nF
Internal inductance, max. L <sub>i</sub>	0 μH		

**General data**

Colour	black	Design	Terminal
Isolating function	No	Optical function display	No
Protection degree	IP20	Segment	Measurement - Monitoring - Setting
UL 94 flammability rating	V-0	Version	Surge protection for measurement and control

**Insulation coordination acc. to EN 50178**

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

Rated voltage (AC)	240 V	Rated voltage (DC)	339 V
Voltage type	AC/DC	Max. continuous voltage, U <sub>c</sub> (AC)	275 V
Max. continuous voltage, U <sub>c</sub> (DC)	388 V	Discharge current, max. (8/20 μs)	2.5 kA
Discharge current I <sub>n</sub> (8/20 μs) wire-PE	1.2 kA	Standards	IEC 61643-21
Protection level U <sub>p</sub> (typ.)	< 500 V	Capacitance	220 nF
Number of poles	1	Overload - failure mode	Mode 1
Rated current I <sub>N</sub>	20 A	Requirements category acc. to IEC 61643-21	C1
Surge current-carrying capacity C1	0.25 kA 8/20 μs 0.5 kV 1.2/50 μs	Volume resistance	< 0.1 Ω

**Further details of approvals**

GOST certificate	GOST-Zertifikat
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**Connection data**

Type of connection	Screw connection	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.	6 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.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>		

**Classifications**

ETIM 6.0	EC000943	ETIM 7.0	EC000943
eClass 9.0	27-13-08-07	eClass 9.1	27-13-08-07
eClass 10.0	27-13-08-07	UNSPSC	30-21-18-11

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">SIL Paper</a> <a href="#">CE PAPER</a> <a href="#">Declaration of Conformity</a>
Brochure/Catalogue	<a href="#">CAT 4.4 ELECTR 16/17 EN</a>
Engineering Data	<a href="#">EPLAN.WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet VSSC</a>

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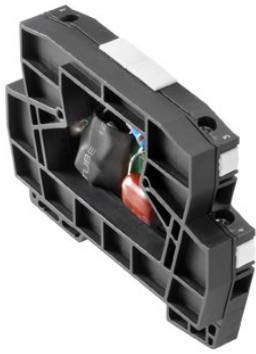
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**Data sheet**

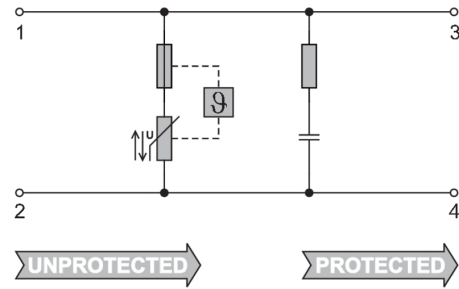
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**Drawings**



Similar to illustration



Circuit diagram