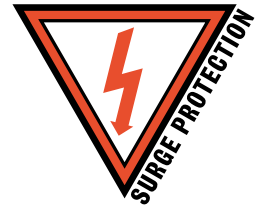


NEW

Versatile VSSC

Varitector VSSC – Compact Surge Protection for Control I/O Circuits



Local Monitoring Options (VSSC6)

- Arrestor and loop status can be displayed with local LED
- Disconnect levers for arrestor and loop testing



Analog, Digital, Fieldbus and Telecom Signals

- 100+ terminal-type SPDs
- Complementary to VSPC range (with pluggable arrestors), for grounded or floating I/O applications

Cost and Space-Saving Design

- Terminal with built-in surge protector
- 6.2 mm width per signal loop



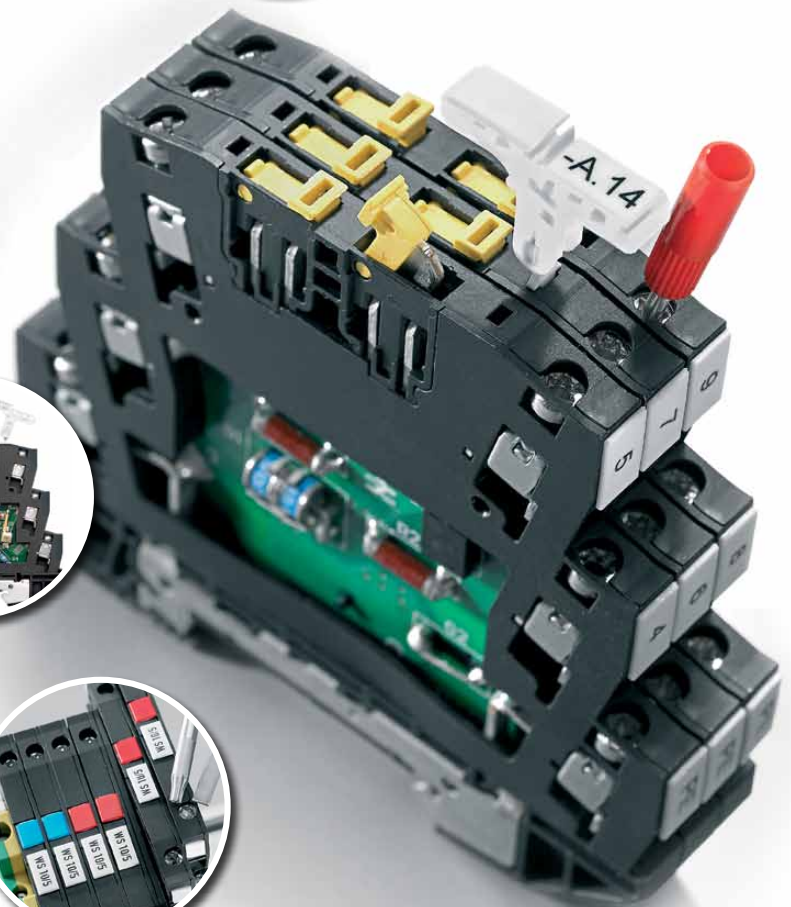
Quick Circuit Identification

- Color-coded marking simplifies voltage level identification




Standards & Approvals

- Conforms to installation standard IEC 62305
- UL (UL497B) Approved



Weidmüller

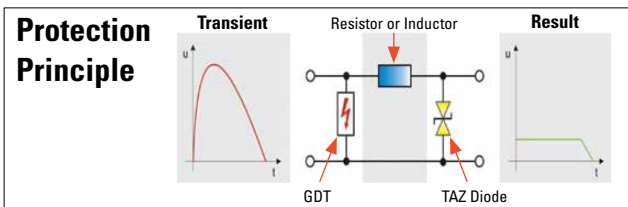
Competitive Position

	Weidmüller  VSSC Series	MTL SD Series	Phoenix Type TT	EDCO DRS Series	Dehn Type DCO
Max discharge (I _{max})	20kA	20kA	10kA	10kA	10kA
Number of variants	100+ products, 5-230V	18 products, 5-48V	91 products, 5-60V	9 products, 6-200V	15 products, 12-60V
Ground via TS35	Yes	Yes	Yes	No	Yes
Monitoring options	LEDs with VSSC6	No	No	No	No
Floating signal options	Yes	No	Yes	No	Yes
Hazardous options	ATEX - 6 Models	Div2/ATEX - 4 Models	ATEX - 6 Models	No	ATEX - 1 model

Availability

The following products are available:

Type	Description	Surge Grounding Route	Part Number
VSSC4 CL 12VDC 0.5A	Current loop protection, FG model is for floating signals	via DIN-rail only	1063720000
VSSC4 CL 24VAC/DC 0.5A			1063730000
VSSC4 CL FG 24VAC/DC 0.5A			1063770000
VSSC4 SL 12VDC 0.5A	Status loop protection, FG model is for floating signals	via DIN-rail only	1063830000
VSSC4 SL 24VAC/DC 0.5A			1063840000
VSSC4 SL FG 12VDC 0.5A			1063880000
VSSC4 SL FG 24VAC/DC 0.5A			1063890000
VSSC4 MOV 12VDC	Single conductor device protection to ground, via the DIN-rail or screw terminal	via DIN-rail and field terminals	1063950000
VSSC4 MOV 24VAC/DC			1063960000
VSSC4 MOV 120VAC/DC			1063990000
VSSC4 MOV 240VAC/DC			1064020000
VSSC6 CL 12VDC 0.5A	Current loop protection, ground path via the DIN-rail or screw terminal	via DIN-rail and field terminals	1064150000
VSSC6 CL 24VAC/DC 0.5A			1064170000
VSSC6 TR CL 12VDC 0.5A	Current loop protection, with loop test disconnectors	via DIN-rail and field terminals	1064220000
VSSC6 TR CL 24VAC/DC 0.5A			1064230000
VSSC6 CL FG 12VDC 0.5A	Current loop protection, for floating signals	via DIN-rail and field terminals	1064260000
VSSC6 CL FG 24VAC/DC 0.5A			1064270000
VSSC6 TR CL FG 12VDC 0.5A	Current loop protection, for floating signals, and with loop test disconnects	via DIN-rail and field terminals	1064300000
VSSC6 TR CL FG 24VAC/DC 0.5A			1064310000
VSSC6SL LD 12VDC 0.5A	Status loop protection, with LED status indicators	via DIN-rail and field terminals	1064340000
VSSC6 SL LD 24VAC/DC 0.5A			1064350000
VSSC6 TR SL LD 12VDC 0.5A	Status loop protection, with loop test disconnectors and LED status indicators	via DIN-rail and field terminals	1064380000
VSSC6 TR SL LD 24VAC/DC 0.5A			1064390000
VSSC6 SL FG LD 12VDC 0.5A	Status loop protection, for floating signals with LED status indicators	via DIN-rail only	1064420000
VSSC6 SL FG LD 24VAC/DC 0.5A			1064430000
VSSC6TR SL FG LD 12VDC 0.5A	Status loop protection, for floating signals, with loop test disconnectors and LED status indicators	via DIN-rail only	1064490000
VSSC6 TR SL FG LD 24VAC 0.5A			1064500000
VSSC6 TR LD MOV 12VDC	2-wire device protection, with loop test disconnectors and status LEDs	via DIN-rail and field terminals	1064800000
VSSC6 TR LD MOV 24VAC/DC			1064810000
VSSC6 TR LD MOV 120VAC/DC			1064840000
VSSC6 TR LD MOV 240VAC/DC			1064860000
VSSC6 RS485	2-wire serial signal protection	via DIN-rail and field terminals	1064980000
VSSC6 RTD	3-wire RTD protection	via DIN-rail only	1139710000



Information

Information is available for download on the web www.weidmuller.com
Printed catalog versions are also available and can be ordered online.

Sales Tool	Description
LIT1119	Varitector VSSC Online Datasheet
1271290000	Catalog 4.4 Electronics-Surge Protection

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