

## NEW! ERZ-VS34Cxxx Series

### ZNR Transient / Surge Absorber (Metal Oxide Varistor)

#### Doubles The Surge Current Capability Of Existing ZNR's

Panasonic, a worldwide leader in Circuit Protection Products is pleased to introduce the **NEW ERZ-VS34Cxxx Series** of high current Surge Absorbers to our already outstanding ZNR product line. ZNR stands for **Z**inc-oxide **N**on-linear **R**esistor, also commonly known as Metal Oxide Varistor or MOV. Panasonic invented the ZNR Surge Absorber in 1968 and is a pioneer in the use of Zinc Oxide as a Surge Absorber. ZNR devices are used to protect electronic equipment against voltage surges and save board space and cost. The **NEW ERZ-VS34Cxxx Series** protects power supply facilities and communications equipment from steep lightning surges. This new Series is also suitable for incorporation into a surge protection device corresponding to Japanese Industrial Standards (JIS C 5381-1).

#### Features:

- Very large surge withstand capability in a compact size of 36x47mm
- Fast response to steep impulse voltage
- Low clamping voltage for better surge protection
- No follow-on current
- Max Discharge Current (I<sub>max</sub>): 40kA (8/20μs)
- Max Continuous Operating Voltage: 100~575 Vrms
- V1mA Varistor Voltage: 200~950V
- Operating Temperature Range: -40°C to 85°C
- Storage Temperature Range: -40°C to 125°C
- RoHS Compliant

#### Benefits:

- Keep equipment size small
- Helps protect circuits from surges and transients

#### Industries:

- Office Automation
- Factory Automation
- Telecommunications
- Industrial
- Traffic and Railroad Systems
- Power Distribution Line
- Switchboard
- Automatic Control Devices
- PV Inverters

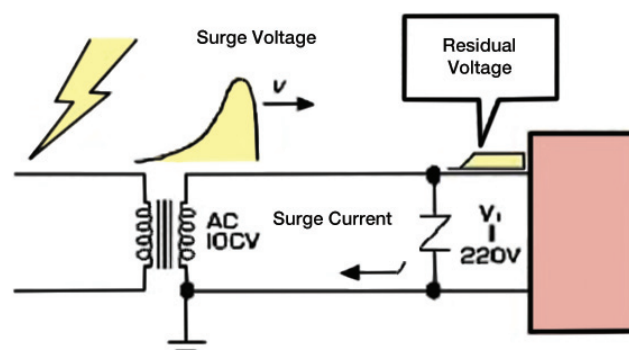
#### Applications:

- Power Supply Circuits
- Automatic Control Devices for Power Distribution Lines

#### Part Number Information:

1	2	3	4	5	6	7	8	9	10	11	12
E	R	Z	-V	S	3	4	C				
Product Code			Series	Shape	Element Size		Type	Nominal Varistor Voltage			Design No.

#### Usage Examples:



#### Additional Information:



For detailed specification information on the NEW ERZ-VS34Cxxx Series ZNR Transient / Surge Absorbers please visit [panasonic.com/industrial/components/pdf/ERZ-VS34Cxxx\\_DataSheet.pdf](http://panasonic.com/industrial/components/pdf/ERZ-VS34Cxxx_DataSheet.pdf) today!

**Website:** [panasonic.com/industrial/electronic-components/inductive-products/index.aspx](http://panasonic.com/industrial/electronic-components/inductive-products/index.aspx)