
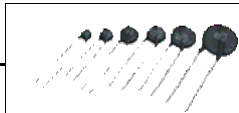











Products System

Varistors  
(ZNR  
Surge  
Absorber)

TypeD Series V		Standard type with radial leads for general surge protect applications	<ul style="list-style-type: none"> <li>●Varistor Voltage : 18 to 1800 V</li> <li>●Maximum Peak Current : 125 to 7000 A</li> </ul> ( at 8/20 μs )
TypeD Series E/E-S1		Large surge current and energy handling capability for absorbing transient overvoltage	<ul style="list-style-type: none"> <li>●Varistor Voltage : 200 to 1100 V</li> <li>●Maximum Peak Current : 600 to 7000 A</li> </ul> ( at 8/20 μs )
Type SMD Series HF		For Automotive (DC12 V) Meet for Load Damp Surge Compact size SMD High Reliability	<ul style="list-style-type: none"> <li>●Varistor Voltage : 20 to 23.2 V</li> <li>27 V±20 %</li> <li>●Maximum Surge : JASO A-1</li> <li>70 V 1 time</li> </ul>
Type SMD Series VF		Surface mount type with protective coating so as to high level reliability	<ul style="list-style-type: none"> <li>●Varistor Voltage : 22 to 470 V</li> <li>●Maximum Peak Current : 125 to 600 A</li> </ul> ( at 8/20 μs )
Type SC		For incorporation in a surge protective device corresponding to the JIS C 5381-1	<ul style="list-style-type: none"> <li>●Varistor Voltage : 200 to 950 V</li> <li>●Maximum Peak Current□ : In 20 kA, I<sub>max.</sub> 40 kA</li> </ul> ( at 8/20 μs )
Type E Type CK		For an application in industrial electric or electronic equipment under heavy duty	<ul style="list-style-type: none"> <li>●Varistor Voltage : 200 to 1100 V</li> <li>●Maximum Peak Current : 5 to 25 kA</li> </ul> ( at 8/20 μs )
Type P		Plug-in type with deterioration indicator. For application to industrial equipment	<ul style="list-style-type: none"> <li>●Varistor Voltage : 250 to 1000 V</li> <li>●Maximum Peak Current : 5000 A</li> </ul> ( at 8/20 μs )
Type J		Stack-type for heavy surge energy application (High power induced load and so on)	<ul style="list-style-type: none"> <li>●Varistor Voltage : 560 to 1250 V</li> <li>●Maximum Peak Current : 80 to 320 kA ( at 4/10 μs )</li> <li>●Energy : 5000 to 40000 J</li> </ul>
Type G		For protection to switching surge of high voltage (3.3, 6.6 kV) equipment	<ul style="list-style-type: none"> <li>●Varistor Voltage : 5 to 17 kV</li> <li>●Maximum Peak Current : 5 to 10 kA ( at 8/20 μs )</li> <li>●Energy : 1300 to 2600 J</li> </ul>
Surge Absorber Units		Surge absorber with connected ZNRs and circuit breaker in box	<ul style="list-style-type: none"> <li>●Varistor Voltage : 12 to 100 V</li> <li>●Maximum Peak Current : 5000 A</li> </ul>
Surge Absorbers for Thyristor		Thyristor protection against switching surge of transformer	<ul style="list-style-type: none"> <li>●Varistor Voltage : 510 to 2500 V</li> <li>●Impulse Life : 40 to 210 A ( 2 ms, 10<sup>4</sup> times )</li> </ul>