

# WE-VD Disk Varistor



5 mm / 7 mm	
<b>820 552 501</b>	
$V_{RMS} / V_{DC}$	25 V / 31 V
$I_{peak}$	100 A
$W_{max}$	1.2 J
Cert <sub>UL1449</sub>	Other
UL1449 <sub>VPR</sub>	330 V

10 mm	
<b>820 412 001</b>	
$V_{RMS} / V_{DC}$	20 V / 26 V
$I_{peak}$	1000 A
$W_{max}$	4.8 J
Cert <sub>UL1449</sub>	Other
UL1449 <sub>VPR</sub>	330 V

14 mm	
<b>820 542 501</b>	
$V_{RMS} / V_{DC}$	25 V / 31 V
$I_{peak}$	1000 A
$W_{max}$	9.4 J
Cert <sub>UL1449</sub>	Other
UL1449 <sub>VPR</sub>	330 V

20 mm	
<b>820 443 211E</b>	
$V_{RMS} / V_{DC}$	320 V / 418 V
$I_{peak}$	6000 A
$W_{max}$	190 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	1200 V

20 mm	
<b>820 423 211</b>	
$V_{RMS} / V_{DC}$	320 V / 418 V
$I_{peak}$	10000 A
$W_{max}$	382 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	1500 V



UL 1414  
File No E345659  
UL1449 4th  
File No E332875



File 40016986  
incl. IEC60950 Annex Q  
File 40016998  
incl. IEC60950 Annex Q

<b>820 574 001</b>	
$V_{RMS} / V_{DC}$	40 V / 56 V
$I_{peak}$	250 A
$W_{max}$	4.3 J
Cert <sub>UL1449</sub>	Other
UL1449 <sub>VPR</sub>	330 V

<b>820 411 311</b>	
$V_{RMS} / V_{DC}$	130 V / 170 V
$I_{peak}$	3500 A
$W_{max}$	35 J
Cert <sub>UL1449</sub>	Type 3
UL1449 <sub>VPR</sub>	500 V

<b>820 441 311E</b>	
$V_{RMS} / V_{DC}$	130 V / 170 V
$I_{peak}$	6000 A
$W_{max}$	70 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	800 V

<b>820 444 611E</b>	
$V_{RMS} / V_{DC}$	460 V / 615 V
$I_{peak}$	6000A
$W_{max}$	230 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	2000 V

<b>820 425 511</b>	
$V_{RMS} / V_{DC}$	550 V / 745 V
$I_{peak}$	10000 A
$W_{max}$	510 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	4000 V



For use in Type X SPD Applications according to UL1449 4th ed.



Voltage Protection Rating at 6 kV/3 kA or nominal discharge current



Approved according to IEC60950 Annex Q for use in Europe / Japan / USA

<b>820 572 711</b>	
$V_{RMS} / V_{DC}$	275 V / 350 V
$I_{peak}$	1200 A
$W_{max}$	33 J
Cert <sub>UL1449</sub>	Other
UL1449 <sub>VPR</sub>	1000 V

<b>820 412 711</b>	
$V_{RMS} / V_{DC}$	275 V / 350 V
$I_{peak}$	3500 A
$W_{max}$	80 J
Cert <sub>UL1449</sub>	Type 3
UL1449 <sub>VPR</sub>	900 V

<b>820 442 711E</b>	
$V_{RMS} / V_{DC}$	275 V / 350 V
$I_{peak}$	6000 A
$W_{max}$	155 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	1200 V

<b>820 445 511E</b>	
$V_{RMS} / V_{DC}$	550 V / 745 V
$I_{peak}$	6000 A
$W_{max}$	255 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	2000 V

<b>820 426 811</b>	
$V_{RMS} / V_{DC}$	680 V / 895 V
$I_{peak}$	10000 A
$W_{max}$	620 J
Cert <sub>UL1449</sub>	Type 2
UL1449 <sub>VPR</sub>	4000 V

**Our varistors are free of halogens!**



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Please check datasheets on [www.we-online.com](http://www.we-online.com) for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2019

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