



DESIGN KIT

WE-VD Disk Varistor



**Our varistors
are free of
halogens!**



SIZE:

5 mm ~ 20 mm

TECHNICAL DATA:

V_{RMS}^* : 25 V ~ 680 V
 V_{DC}^* : 31 V ~ 895 V
 I_{peak}^* : 100 A ~ 10 000 A
 W_{max}^* : 1.2 J ~ 620 J

Approved according to UL 1414, UL1449 3rd,
CSA, VDE and IEC60950 Annex Q

Order Code 820 999
Version 2.0

WE-VD Disk Varistor



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



UL 1414
File No E345659
UL1449 3rd
File No E332875



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



CSA 2221-01
File 224856



For use in Type X SPD Applications
according to UL1449 3rd 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

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free of halogens!**



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Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2011

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