

Transient Voltage Suppressors

MOV Selection Chart

Voltage			CH Series	CP Series			MA Series*	LA, ZA Series					
V _m (ac)	V _m (dc)	V _n (dc)	CH8 5 x 8 mm	CP16 16 Gauge	CP20 20 Gauge	CP22 22 Gauge	3 mm	5 mm	7 mm	10 mm	14 mm	20 mm	
4	5.5	8.2						V8ZA05	V8ZA1	V8ZA2			
6	8	12						V12ZA05	V12ZA1	V12ZA2			
10	14	18	V18CH8				V18MA1B, S	V18ZA05	V18ZA1	V18ZA2	V18ZA3	V18ZA40	
14	18	22	V22CH8				V22MA1B, S	V22ZA05	V22ZA1	V22ZA2	V22ZA3		
14	18	24											V24ZA50
17	22	27	V27CH8				V27MA1B, S	V27ZA05	V27RA1	V27ZA2	V27ZA4	V27ZA60	
20	26	33	V33CH8				V33MA1B, S	V33ZA05	V33ZA1	V33ZA2	V33ZA5		
21	27	33											V33ZA70
23	31	36											V36ZA80
25	31	39	V39CH8		V39CP20	V39CP22	V39MA2B, S	V39ZA05	V39ZA1	V39ZA3	V39ZA6		
30	38	47	V47CH8	V47CP16	V47CP20	V47CP22	V47MA2B, S	V47ZA05	V47ZA1	V47ZA3	V47ZA7		
35	45	56	V56CH8				V56MA2B, S	V56ZA05	V56ZA2	V56ZA3	V56ZA8		
40	56	68	V68CH8				V68MA3B, S	V68ZA05	V68ZA2	V68ZA3	V68ZA10		
50	66	82	V82CH8				V82MA3B, S	V82ZA05	V82ZA2	V82ZA4	V82ZA12		
60	81	100	V100CH8				V100MA4B, S	V100ZA05	V100ZA3	V100ZA4	V100ZA15		
75	102	120	V120CH8				V120MA2B, S	V120ZA05	V120ZA1	V120ZA4	V120ZA6		
92	127	150					V150MA2B	V150ZA05					
95	127	150	V150CH8						V150ZA1	V150ZA4	V150ZA8		
110	152	180					V180MA3B	V180ZA05					
115	153	180	V180CH8						V180ZA1	V180ZA5	V180ZA10		
130	175	200		V200CP16	V200CP20	V200CP22							
130	175	200	V200CH8						V130LA1, 2	V130LA5	V130LA10A	V130LA20A, B	
140	180	220	V220CH8					V220ZA05	V140LA2	V140LA5	V140LA10A		
150	150	240	V240CH8	V240CP16	V240CP20	V240CP22							
150	200	240							V150LA1, 2	V150LA5	V150LA10A	V150LA20A, B	
175	225	270						V270ZA05	V175LA2		V175LA10A		
210	275	330						V330ZA05					
230	300	360	V360CH8						V230LA4	V230LA10	V230LA20A		
250	330	390	V390CH8					V390ZA05	V250LA2, 4	VA250LA10	V250LA20A	V250LA40A, B	
275	369	430	V430CH8					V430ZA05	V275LA2, 4	V275LA10	V275LA20A	V275LA40A, B	
300	405	470						V470ZA05	V300LA2, 4				
320	420	510									V320LA20A	V320LA40B	
420	560	680						V680ZA05		V420LA10	V420LA20A	V420LA20B	
480	640	750						V750ZA05			V480LA40A	V480LA80B	
510	675	820									V510LA40A	V510LA80B	
575	730	910									V575LA40A	V575LA80B	
660	850	1050									V660LA50A	V660LA100B	
750	970	1200											
880	1150	1500											
1000	1200	1600									V1000LA80A	V1000LA160B	
1100	1400	1800											
1400	1750	2200											
1700	2150	2700											
2000	2500	3300											
2400	3000	3900											
2800	3500	4700											

* Additional voltage selections are available for the MA series.

Features:

CH Series

Surface-Mount Varistors

- Better Performance
- Higher Reliability
- Lower Equipment Cost
- Saves on Board Height/Bulk/Weight

CP Series

Connector-Pin Varistors

- Provides Transient Protection in Connectors
- Available in 22-, 20-, and 16-Gauge Sizes

MA Series

- Axial Package
- Wide Voltage Range
- Automatic Insertion

LA Series

- Radial Package
- Line-Voltage Operation
- UL Recognized

ZA Series

- Radial Package
- Low-Voltage Operation