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BATTERY PACKFUSES

EVpack-fuse MEV55

550 VDC Max., L/R ≤ 1ms, 5 - 50A

PRODUCT RANGE



MEV55C30

MEV55C Ferrule Fuse

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV55C5	550 V	5 A	0.25 W	10 A	10 s	80	7.5 g
MEV55C6	550 V	6 A	0.29 W	12 A	10 s	80	7.5 g
MEV55C7	550 V	7 A	0.31 W	14 A	10 s	80	7.5 g
MEV55C8	550 V	8 A	0.4 W	16 A	10 s	80	7.5 g
MEV55C10	550 V	10 A	0.45 W	20 A	10 s	80	7.5 g
MEV55C12	550 V	12 A	0.47 W	24 A	10 s	80	7.5 g
MEV55C15	550 V	15 A	0.49 W	30 A	100 s	80	7.5 g
MEV55C20	550 V	20 A	0.56 W	40 A	100 s	80	7.5 g
MEV55C25	550 V	25 A	0.63 W	50 A	100 s	80	7.5 g
MEV55C30	550 V	30 A	0.68 W	60 A	100 s	80	7.5 g
MEV55C30/40	550 V	40 A	0.63 W	150 A	10 s	80	7.5 g
MEV55C30/50	550 V	50 A	1 W	180 A	10 s	80	7.5 g



MEV55C30-S

MEV55C -S Surface Mount Fuse

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV55C5-S	550 V	5 A	0.25 W	10 A	10 s	80	9.9 g
MEV55C6-S	550 V	6 A	0.29 W	12 A	10 s	80	9.9 g
MEV55C7-S	550 V	7 A	0.31 W	14 A	10 s	80	9.9 g
MEV55C8-S	550 V	8 A	0.4 W	16 A	10 s	80	9.9 g
MEV55C10-S	550 V	10 A	0.45 W	20 A	10 s	80	9.9 g
MEV55C12-S	550 V	12 A	0.47 W	24 A	10 s	80	9.9 g
MEV55C15-S	550 V	15 A	0.49 W	30 A	100 s	80	9.9 g
MEV55C20-S	550 V	20 A	0.56 W	40 A	100 s	80	9.9 g
MEV55C25-S	550 V	25 A	0.63 W	50 A	100 s	80	9.9 g
MEV55C30-S	550 V	30 A	0.68 W	60 A	100 s	80	9.9 g
MEV55C30/40-S	550 V	40 A	0.63 W	150 A	10 s	80	9.9 g
MEV55C30/50-S	550 V	50 A	1 W	180 A	10 s	80	9.9 g



MEV55C30-P

MEV55C -P PC Board Mount

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV55C5-P	550 V	5 A	0.25 W	10 A	10 s	80	9.9 g
MEV55C6-P	550 V	6 A	0.29 W	12 A	10 s	80	9.9 g
MEV55C7-P	550 V	7 A	0.31 W	14 A	10 s	80	9.9 g
MEV55C8-P	550 V	8 A	0.4 W	16 A	10 s	80	9.9 g
MEV55C10-P	550 V	10 A	0.45 W	20 A	10 s	80	9.9 g
MEV55C12-P	550 V	12 A	0.5 W	24 A	10 s	80	9.9 g
MEV55C15-P	550 V	15 A	0.45 W	30 A	100 s	80	9.9 g
MEV55C20-P	550 V	20 A	0.54 W	40 A	100 s	80	9.9 g
MEV55C25-P	550 V	25 A	0.59 W	50 A	100 s	80	9.9 g
MEV55C30-P	550 V	30 A	0.65 W	60 A	100 s	80	9.9 g
MEV55C30/40-P	550 V	40 A	0.63 W	150 A	10 s	80	9.9 g
MEV55C30/50-P	550 V	50 A	1.1 W	180 A	10 s	80	9.9 g

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BATTERY PACKFUSES

EVpack-fuse MEV55

550 VDC Max., L/R ≤ 1ms, 5 - 50A

ACCESSORIES



30311



30312



30313

Fuse blocks

Catalog number	Item number	Rated DC voltage	Application DC Fuses	Number of poles/phases	Contact Materials	Wire Range	Weight
Open-style fuse blocks							
Screw w/ double quick connects at both ends							
30310	30310	600 V	MEV55C fuses up to 30A	Adder	Tin-plated Copper	Cu #10-14	42 g
30311	30311	600 V	MEV55C fuses up to 30A	1	Tin-plated Copper	Cu #10-14	47 g
30312	30312	600 V	MEV55C fuses up to 30A	2	Tin-plated Copper	Cu #10-14	80 g
30313	30313	600 V	MEV55C fuses up to 30A	3	Tin-plated Copper	Cu #10-14	0.12 kg
Pressure plate (sems) w/ double quick connects at both ends							
30320	30320	600 V	MEV55C fuses up to 30A	Adder	Tin-plated Copper	Cu #10-14	-
30321	30321	600 V	MEV55C fuses up to 30A	1	Tin-plated Copper	Cu #10-14	96 g
30322	30322	600 V	MEV55C fuses up to 30A	2	Tin-plated Copper	Cu #10-14	93 g
30323	30323	600 V	MEV55C fuses up to 30A	3	Tin-plated Copper	Cu #10-14	0.13 kg
Copper box							
30350	30350	600 V	MEV55C fuses up to 30A	Adder	Tin-plated Copper	Cu #6-14	-
30351	30351	600 V	MEV55C fuses up to 30A	1	Tin-plated Copper	Cu #6-14	49 g
30352	30352	600 V	MEV55C fuses up to 30A	2	Tin-plated Copper	Cu #6-14	-
30353	30353	600 V	MEV55C fuses up to 30A	3	Tin-plated Copper	Cu #6-14	0.13 kg

EVpack-fuse MEV70

700 VDC Max., L/R ≤ 1ms, 35 - 600A

PRODUCT RANGE



MEV70V160-S

MEV70V -S Surface Mount Fuse

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV70V35-S	700 V	35 A	0.86 W	125 A	5 s	5	9.9 g
MEV70V40-S	700 V	40 A	0.82 W	150 A	5 s	5	9.9 g
MEV70V50-S	700 V	50 A	1.2 W	175 A	5 s	5	9.9 g
MEV70V60-S	700 V	60 A	1.47 W	200 A	5 s	5	9.9 g
MEV70V70-S	700 V	70 A	1.89 W	200 A	30 s	5	59 g
MEV70V80-S	700 V	80 A	1.75 W	270 A	30 s	5	59 g
MEV70V100-S	700 V	100 A	2 W	330 A	30 s	5	59 g
MEV70V125-S	700 V	125 A	2.74 W	1500 A	150 ms	5	59 g
MEV70V150-S	700 V	150 A	3.54 W	1500 A	200 ms	5	59 g
MEV70V160-S	700 V	160 A	3.75 W	1500 A	300 ms	5	59 g
MEV70V175-S	700 V	175 A	4.63 W	1500 A	420 ms	5	59 g

BATTERY PACKFUSES

EVpack-fuse MEV70

PRODUCT RANGE

700 VDC Max., L/R ≤ 1ms, 35 - 600A

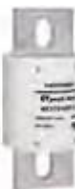
MEV70A Round Body Fuse



MEV70A100-4



MEV70A400-4



MEV70A600-4

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV70A50-4	700 V	50 A	1.4 W	380 A	50 ms	5	99 g
MEV70A60-4	700 V	60 A	1.8 W	460 A	50 ms	5	99 g
MEV70A70-4	700 V	70 A	2.2 W	540 A	50 ms	5	99 g
MEV70A80-4	700 V	80 A	2.5 W	610 A	50 ms	5	99 g
MEV70A90-4	700 V	90 A	2.7 W	690 A	50 ms	5	99 g
MEV70A100-4	700 V	100 A	3.1 W	760 A	50 ms	5	99 g
MEV70A125-4	700 V	125 A	3.8 W	870 A	60 ms	5	0.17 kg
MEV70A150-4	700 V	150 A	4.5 W	1040 A	60 ms	5	0.17 kg
MEV70A175-4	700 V	175 A	5.2 W	1210 A	60 ms	5	0.17 kg
MEV70A200-4	700 V	200 A	5.9 W	1380 A	60 ms	5	0.17 kg
MEV70A225-4	700 V	225 A	6.7 W	1190 A	140 ms	5	0.26 kg
MEV70A250-4	700 V	250 A	7.4 W	1320 A	140 ms	5	0.26 kg
MEV70A300-4	700 V	300 A	8.8 W	1580 A	140 ms	5	0.26 kg
MEV70A350-4	700 V	350 A	10.2 W	1840 A	140 ms	5	0.26 kg
MEV70A400-4	700 V	400 A	11.7 W	2100 A	140 ms	5	0.26 kg
MEV70A450-4	700 V	450 A	12.4 W	2200 A	360 ms	5	0.52 kg
MEV70A500-4	700 V	500 A	13.9 W	2460 A	360 ms	5	0.52 kg
MEV70A600-4	700 V	600 A	16.6 W	2950 A	360 ms	5	0.52 kg

ACCESSORIES

Fuse blocks



1SC250

Catalog number	Item number	Rated DC voltage	Application DC Fuses	Contact Materials	Tightening torque (max.)	Weight
P243 Fuse blocks						
P243E	P243E	700 V	MEV70A fuses from 70 to 200A	Tin-Plated Copper	4.1 N-m	0.12 kg
P266 Fuse blocks						
P266C	P266C	700 V	MEV70A fuses from 225 to 600A	Stainless Steel	20.3 N-m	0.40 kg
1SC/1MSC Modular Fuse blocks						
1SCM8	1SCM8	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.8 N-m	68 g
1SC250	1SC250	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.9 N-m	68 g
1SC375	1SC375	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.7 N-m	68 g
1SCM10	1SCM10	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.5 N-m	68 g

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BATTERY PACKFUSES

EVpack-fuse MEV80

800 VDC Max., L/R ≤ 1ms, 100 - 350A

PRODUCT RANGE



MEV80S300-S

MEV80S -S Surface Mount

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Weight
MEV80S100-S	800 V	100 A	3 W	500 A	1 s	0.25 kg
MEV80S150-S	800 V	150 A	5 W	900 A	1 s	0.25 kg
MEV80S200-S	800 V	200 A	6 W	1200 A	1 s	0.25 kg
MEV80S250-S	800 V	250 A	7 W	1500 A	1 s	0.25 kg
MEV80S300-S	800 V	300 A	9 W	1800 A	1 s	0.25 kg
MEV80S350-S	800 V	350 A	11 W	2000 A	1 s	0.25 kg

EVpack-fuse MEV100

1,000 VDC Max., L/R ≤ 1ms, 8 - 600A

PRODUCT RANGE



MEV100C30

MEV100C Ferrule Fuse

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV100C8	1000 V	8 A	0.23 W	16 A	100 s	10	7.5 g
MEV100C10	1000 V	10 A	0.32 W	20 A	100 s	10	7.5 g
MEV100C12	1000 V	12 A	0.42 W	24 A	100 s	10	7.5 g
MEV100C15	1000 V	15 A	0.63 W	30 A	100 s	10	7.5 g
MEV100C20	1000 V	20 A	0.92 W	40 A	100 s	10	7.5 g
MEV100C25	1000 V	25 A	1.1 W	50 A	100 s	10	7.5 g
MEV100C30	1000 V	30 A	1.2 W	60 A	100 s	10	7.5 g

MEV100C -S Surface Mount



MEV100C30-S

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV100C8-S	1000 V	8 A	0.23 W	16 A	100 s	10	9.9 g
MEV100C10-S	1000 V	10 A	0.32 W	20 A	100 s	10	9.9 g
MEV100C12-S	1000 V	12 A	0.42 W	24 A	100 s	10	9.9 g
MEV100C15-S	1000 V	15 A	0.63 W	30 A	100 s	10	9.9 g
MEV100C20-S	1000 V	20 A	0.92 W	40 A	100 s	10	9.9 g
MEV100C25-S	1000 V	25 A	1.1 W	50 A	100 s	10	9.9 g
MEV100C30-S	1000 V	30 A	1.2 W	60 A	100 s	10	9.9 g

MEV100A Round Body Fuse



MEV100A300-4

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV100A50-4	1000 V	50 A	1.8 W	960 A	40 ms	5	0.12 kg
MEV100A60-4	1000 V	60 A	2.2 W	1160 A	40 ms	5	0.12 kg
MEV100A70-4	1000 V	70 A	2.7 W	1350 A	40 ms	5	0.12 kg
MEV100A80-4	1000 V	80 A	3.2 W	1540 A	40 ms	5	0.12 kg
MEV100A90-4	1000 V	90 A	3.6 W	1730 A	40 ms	5	0.12 kg
MEV100A100-4	1000 V	100 A	4.3 W	1920 A	40 ms	5	0.12 kg
MEV100A125-4	1000 V	125 A	4 W	940 A	80 ms	5	0.19 kg
MEV100A150-4	1000 V	150 A	5.2 W	1130 A	80 ms	5	0.19 kg
MEV100A175-4	1000 V	175 A	6.3 W	1320 A	80 ms	5	0.19 kg
MEV100A200-4	1000 V	200 A	7.4 W	1510 A	80 ms	5	0.19 kg
MEV100A225-4	1000 V	225 A	6.7 W	2200 A	80 ms	5	0.30 kg
MEV100A250-4	1000 V	250 A	7.6 W	2430 A	80 ms	5	0.30 kg
MEV100A300-4	1000 V	300 A	9.5 W	2920 A	80 ms	5	0.30 kg

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BATTERY PACKFUSES

EVpack-fuse MEV100

1,000 VDC Max., L/R ≤ 1ms, 8 - 600A

PRODUCT RANGE

MEV100A Round Body Fuse for Metric Screws

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV100A50-4Y	1000 V	50 A	1.8 W	960 A	40 ms	5	0.12 kg
MEV100A60-4Y	1000 V	60 A	2.2 W	1160 A	40 ms	5	0.12 kg
MEV100A70-4Y	1000 V	70 A	2.7 W	1350 A	40 ms	5	0.12 kg
MEV100A80-4Y	1000 V	80 A	3.2 W	1540 A	40 ms	5	0.12 kg
MEV100A90-4Y	1000 V	90 A	3.6 W	1730 A	40 ms	5	0.12 kg
MEV100A100-4Y	1000 V	100 A	4.3 W	1920 A	40 ms	5	0.12 kg
MEV100A125-4Y	1000 V	125 A	4 W	940 A	80 ms	5	0.19 kg
MEV100A150-4Y	1000 V	150 A	5.2 W	1130 A	80 ms	5	0.19 kg
MEV100A175-4Y	1000 V	175 A	6.3 W	1320 A	80 ms	5	0.19 kg
MEV100A200-4Y	1000 V	200 A	7.4 W	1510 A	80 ms	5	0.19 kg

MEV100J Round Body Fuse

Catalog number	Rated voltage DC (UL)	Rated current I _n	Power dissipation at 0.5 I _n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MEV100J350-4	1000 V	350 A	9 W	700 A	180 s	1	0.86 kg
MEV100J400-4	1000 V	400 A	10.4 W	800 A	180 s	1	0.86 kg
MEV100J450-4	1000 V	450 A	11.2 W	900 A	235 s	1	1.34 kg
MEV100J500-4	1000 V	500 A	11.6 W	1000 A	280 s	1	1.34 kg
MEV100J600-4	1000 V	600 A	16.4 W	1200 A	200 s	1	1.34 kg



MEV100J400-4

ACCESSORIES

Fuse blocks

Catalog number	Item number	Rated DC voltage	Application DC Fuses	Contact Materials	Tightening torque (max.)	Weight
P243 Fuse blocks						
P243C	P243C	1000 V	MEV100A fuses from 35 to 200A	Tin-Plated Copper	4.1 N-m	0.12 kg
P266 Fuse blocks						
P266A	P266A	1000 V	MEV100A fuses from 225 to 600A	Stainless Steel	20.3 N-m	0.39 kg
1SC/1MSC Modular Fuse blocks						
1SCM8	1SCM8	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.8 N-m	68 g
1SC250	1SC250	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.9 N-m	68 g
1SC375	1SC375	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.7 N-m	68 g
1SCM10	1SCM10	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.5 N-m	68 g



P243C



1SC250

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BATTERY MODULE FUSES

M-fuse MF 100VDC Max.

L/R ≤ 1.5 ms, 50 - 200A

PRODUCT RANGE



MF100A-4

MF-A Round Body Fuse

Catalog number	Rated voltage DC (UL)	Rated current I_n	Power dissipation at 0.5 I_n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MF50A-4	100 V	50 A	0.8 W	180 A	50 ms	5	68 g
MF60A-4	100 V	60 A	0.9 W	210 A	50 ms	5	68 g
MF70A-4	100 V	70 A	1.1 W	250 A	50 ms	5	68 g
MF80A-4	100 V	80 A	1.6 W	280 A	50 ms	5	68 g
MF90A-4	100 V	90 A	1.8 W	320 A	50 ms	5	68 g
MF100A-4	100 V	100 A	2 W	360 A	50 ms	5	68 g
MF125A-4	100 V	125 A	2.6 W	450 A	50 ms	5	68 g
MF150A-4	100 V	150 A	3.2 W	540 A	50 ms	5	68 g
MF175A-4	100 V	175 A	4 W	630 A	50 ms	5	68 g
MF200A-4	100 V	200 A	4.4 W	720 A	50 ms	10	68 g

MF-B Cylindrical Body Fuse

Catalog number	Rated voltage DC (UL)	Rated current I_n	Power dissipation at 0.5 I_n	Min. breaking capacity (MBC)	Max. time to clear MBC	Package	Weight
MF50B-4	100 V	50 A	1.8 W	140 A	10 s	10	28 g
MF60B-4	100 V	60 A	2.1 W	170 A	10 s	10	28 g
MF75B-4	100 V	75 A	2.7 W	210 A	10 s	10	28 g
MF80B-4	100 V	80 A	2.7 W	225 A	10 s	10	28 g
MF100B-4	100 V	100 A	2.3 W	280 A	10 s	10	28 g
MF125B-4	100 V	125 A	2.5 W	350 A	10 s	10	28 g
MF150B-4	100 V	150 A	2.7 W	420 A	10 s	10	28 g
MF160B-4	100 V	160 A	3.1 W	450 A	10 s	10	28 g
MF180B-4	100 V	180 A	3.4 W	500 A	10 s	10	28 g

ACCESSORIES

Fuse blocks

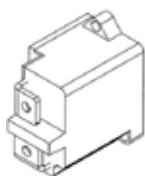


1SC250

Catalog number	Item number	Rated DC voltage	Application DC Fuses	Contact Materials	Tightening torque (max.)	Weight
P243 Fuse blocks						
P243D	P243D	1000 V	MF-A fuses from 70 to 450A	Tin-Plated Copper	4.1 N-m	0.12 kg
1SC/1MSC Modular Fuse blocks						
1SCM8	1SCM8	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.8 N-m	68 g
1SC250	1SC250	1000 V	MF-A, MEV70A, MEV100A fuses up to 400A	Zinc-Plated Steel	6.9 N-m	68 g
1SC375	1SC375	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.7 N-m	68 g
1SCM10	1SCM10	1000 V	MF-A, MEV70A, MEV100A fuses up to 800A	Zinc-Plated Steel	21.5 N-m	68 g

BATTERY MODULE FUSES

χp-ST



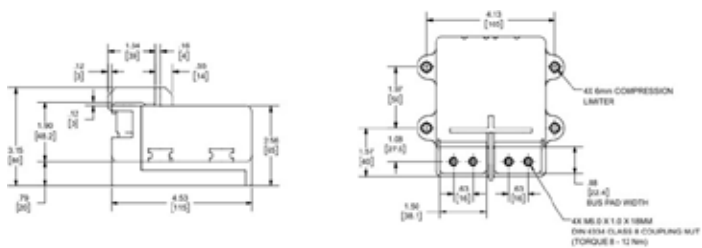
400 A – 500 VDC

Voltage Range DC	Ampere Range	Operating Temperature Range	L/R Max.	On State Resistance	Off State Resistance	3000 A Clearing time	20 000 A Clearing time
Up to 500 VDC	Up to 400 A	-40°C to 90°C	1ms	125 μΩ@ 25°C	> 5MΩ	Typ. <300ms	Typ. <2ms



400 A – 900 VDC

Voltage Range DC	Ampere Range	Operating Temperature Range	L/R Max.	On State Resistance	Off State Resistance	3000 A Clearing time	25 000 A Clearing time
Up to 900 VDC	Up to 400 A	-40°C to 90°C	1ms	170 μΩ@ 25°C	> 5MΩ	Typ. <1s	Typ. <4ms



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