

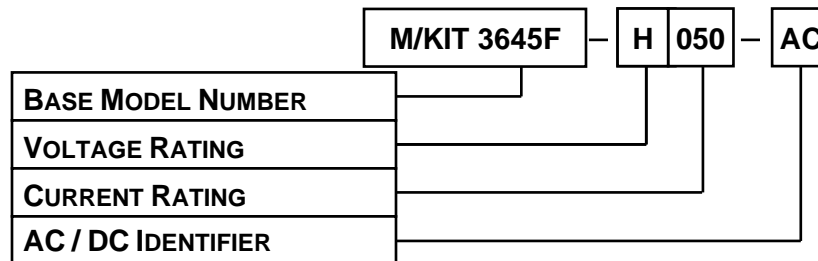


Solutions for AC Drives

## M3545F, M3645F AC and DC Fuse Plate for M3545, M3645 Regen Modules

## KIT 3545F, KIT 3645F AC and DC Fuse Kit for M3545, M3645 Regen Modules

### PRODUCT INFORMATION



#### BASE MODEL NUMBER

The base model number for the regen fuse kit is M3545F (fuse plate) or KIT 3545F (fuse kit) for 6A and 15A rated regens, and M3645F or KIT 3645F for all other current ratings.

#### SYSTEM VOLTAGE RATING

This rating indicates the nominal system voltage.

#### Voltage Rating Codes

RATING CODE	VOLTAGE
H	230 - 480VAC
C	575 - 600VAC

#### AMP RATING

The amp rating refers to the current rating of the Regen module this fuse kit will be used with. It is represented by a 3-digit number (i.e. **050** means 50A).

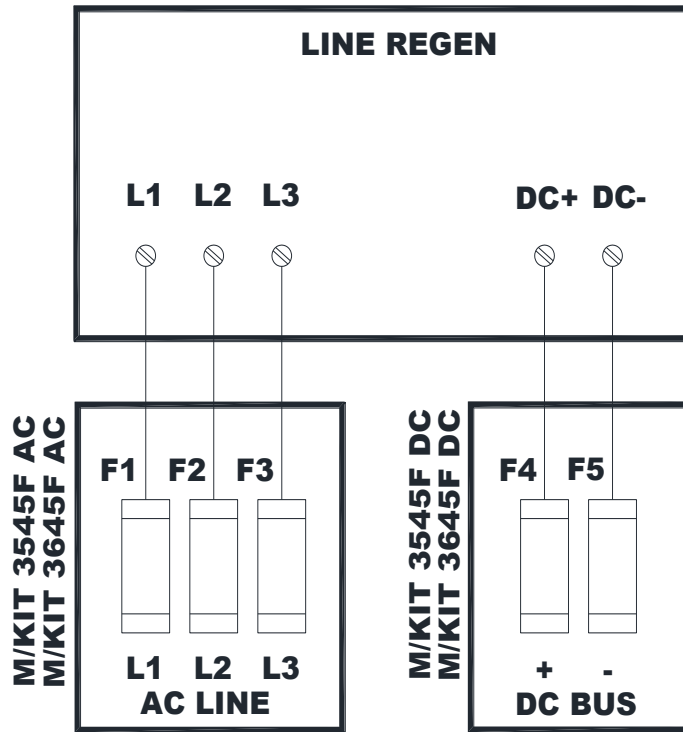
#### AC / DC IDENTIFIER

This indicates if the fuse plate is for the AC line side of the regen or the DC connection to the drive.

### Specification Table

REGEN MODEL	FUSE PLATE MODEL	FUSE KIT MODEL	POWER WIRING <sup>(1)</sup>	TORQUE
M3545-L006	M3545F-H006-AC	KIT 3545F-H006-AC	12 AWG	20 lb-in
M3545-H006	M3545F-H006-DC	KIT 3545F-H006-DC		35 lb-in
M3545-L015	M3545F-H015-AC	KIT 3545F-H015-AC	12 AWG	20 lb-in
M3545-H015	M3545F-H015-DC	KIT 3545F-H015-DC		35 lb-in
M3645-L030	M3645F-H030-AC	KIT 3645F-H030-AC	10 AWG	75 lb-in
M3645-E030	M3645F-H030-DC	KIT 3645F-H030-DC		35 lb-in
M3645-H030				
M3645-L050	M3645F-H050-AC	KIT 3645F-H050-AC	6 AWG	75 lb-in
M3645-E050	M3645F-H050-DC	KIT 3645F-H050-DC		35 lb-in
M3645-H050				
M3645-L100	M3645F-H100-AC	KIT 3645F-H100-AC	2/0	75 lb-in
M3645-E100	M3645F-H100-DC	KIT 3645F-H100-DC		75 lb-in
M3645-H100				
M3645-L150T	M3645F-H150-AC	KIT 3645F-H150-AC	2/0-350 kcmil	230 lb-in
M3645-E150T	M3645F-H150-DC	KIT 3645F-H150-DC		230 lb-in
M3645-H150T				
M3645-L225T	M3645F-H225-AC	KIT 3645F-H225-AC	4/0-350 kcmil	230 lb-in
M3645-E225T	M3645F-H225-DC	KIT 3645F-H225-DC		230 lb-in
M3645-H225T				
M3645-L300T	M3645F-H300-AC	KIT 3645F-H300-AC	350 kcmil	230 lb-in
M3645-E300T	M3645F-H300-DC	KIT 3645F-H300-DC		230 lb-in
M3645-H300T				
M3645-C030	M3645F-C030-AC	KIT 3645F-C030-AC	10 AWG	50 lb-in
	M3645F-C030-DC	KIT 3645F-C030-DC		75 lb-in
M3645-C050	M3645F-C050-AC	KIT 3645F-C050-AC	6 AWG	50 lb-in
	M3645F-C050-DC	KIT 3645F-C050-DC		75 lb-in
M3645-C100	M3645F-C100-AC	KIT 3645F-C100-AC	2 AWG	230 lb-in
	M3645F-C100-DC	KIT 3645F-C100-DC		230 lb-in

<sup>(1)</sup> Use copper conductors rated for 75°C





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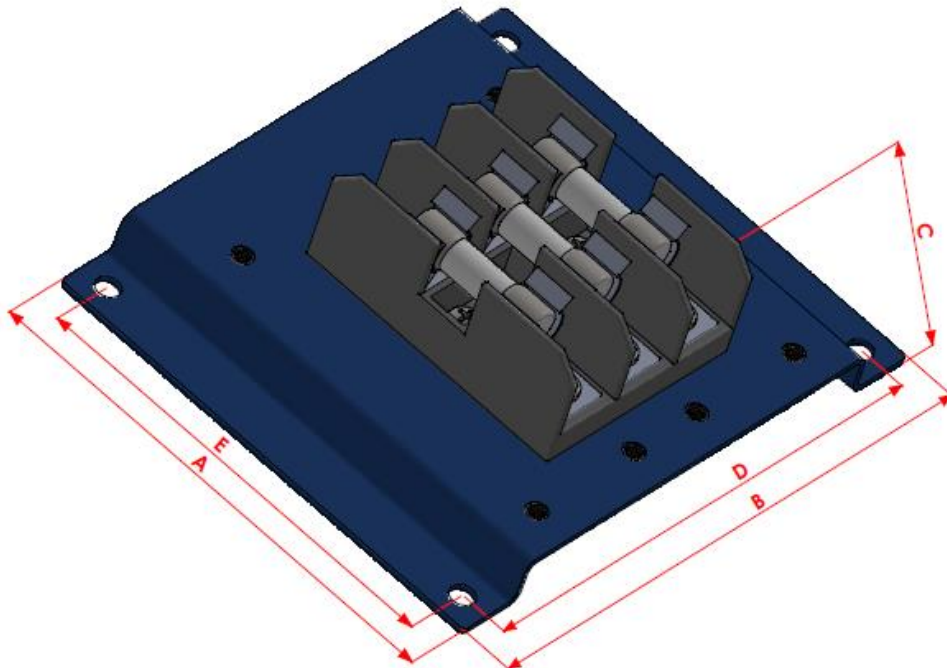
## M3545F and M3645F Fuse Plate

### M3545F and M3645F AC Fuse Plate Dimensions

MODEL	A HEIGHT (INCHES)	B WIDTH (INCHES)	C DEPTH (INCHES)	D MOUNTING WIDTH (INCHES)	E MOUNTING HEIGHT (INCHES)	MOUNTING HOLE DIA (INCHES)
M3545F-H006-AC	5.00	5.85	1.71	5.25	4.40	0.25
M3545F-H015-AC	5.00	5.85	1.71	5.25	4.40	0.25
M3645F-H030-AC	6.00	6.35	2.97	5.75	5.40	0.25
M3645F-H050-AC	6.00	6.35	2.97	5.75	5.40	0.25
M3645F-H100-AC	6.00	6.35	2.97	5.75	5.40	0.25
M3645F-H150-AC	6.00	6.35	2.97	5.75	5.40	0.25
M3645F-H225-AC	6.25	8.38	4.14	7.78	5.65	0.25
M3645F-H300-AC	6.25	8.38	4.14	7.78	5.65	0.25
M3645F-C030-AC	5.00	6.60	2.92	6.00	4.40	0.25
M3645F-C050-AC	5.00	6.60	2.92	6.00	4.40	0.25
M3645F-C100-AC	7.50	10.35	4.28	9.75	6.90	0.25

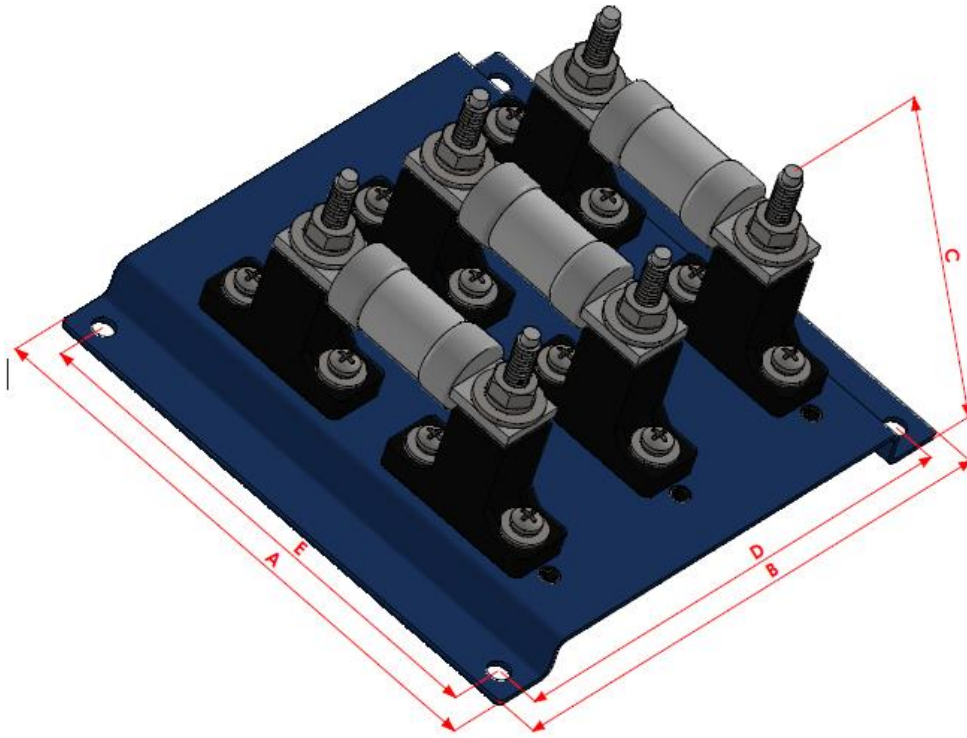
### AC Fuse Plate Dimensional Outline

M3545F-H006-AC, M3545F-H015-AC

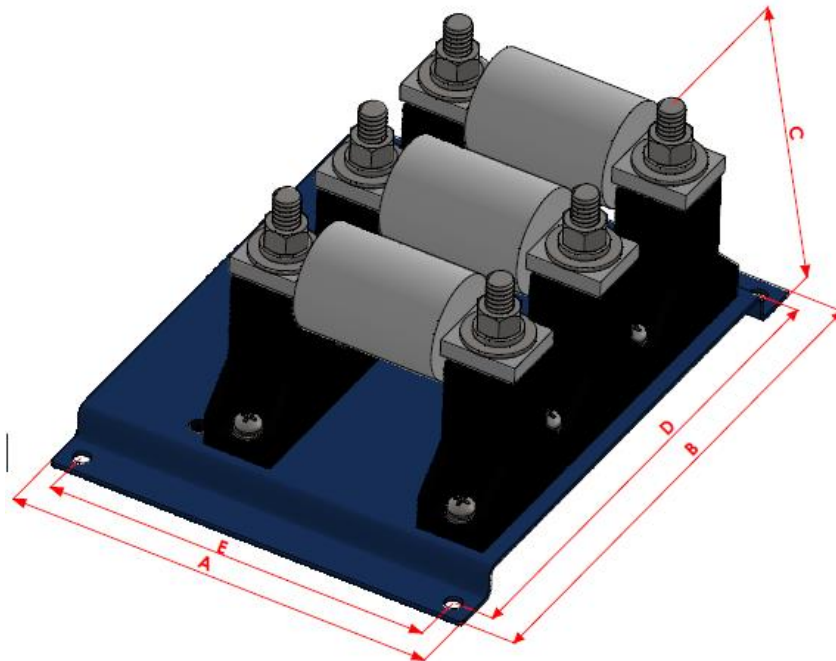


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**M3645F-H030-AC, M3645F-H050-AC, M3645F-H100-AC, M3645F-H150-AC**

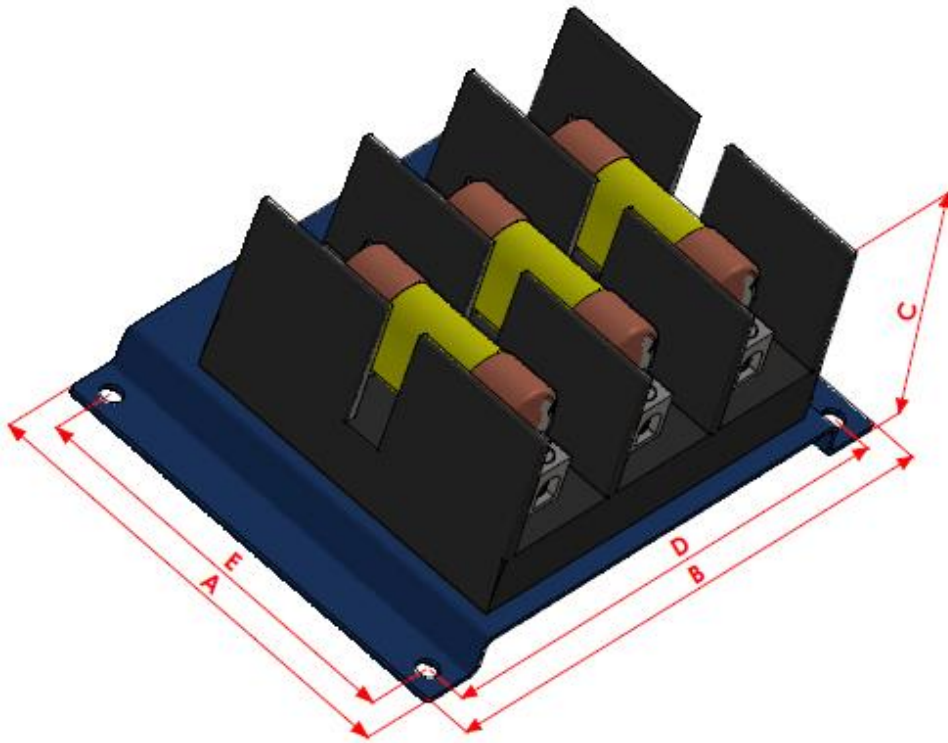


**M3645F-H225-AC, M3645F-H300-AC**

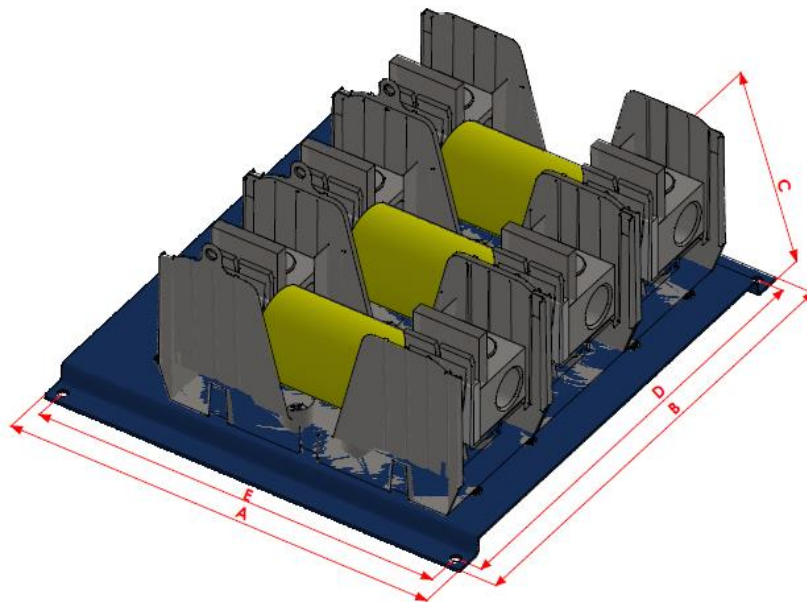


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M3645F-C030-AC, M3645F-C050-AC



M3645F-C100-AC





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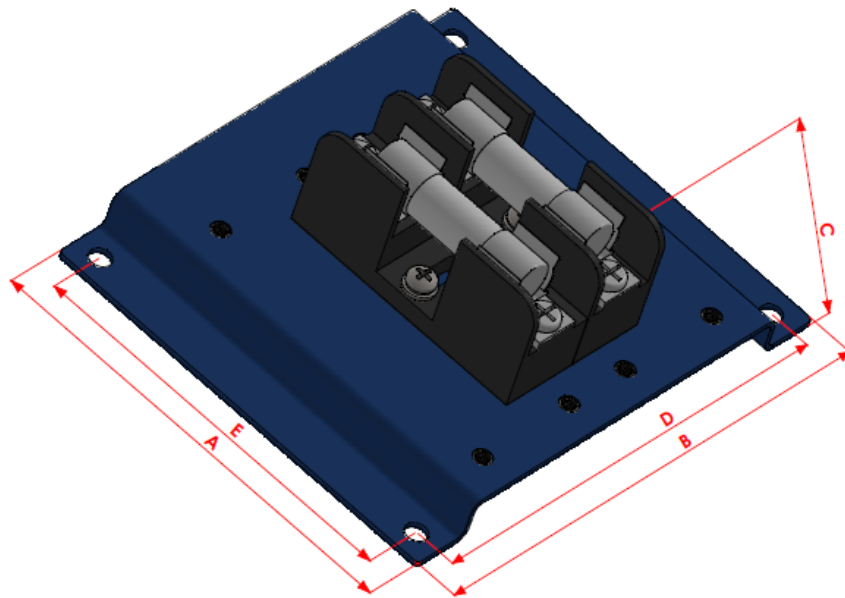


### M3545F and M3645F DC Fuse Plate Dimensions

MODEL	A HEIGHT (INCHES)	B WIDTH (INCHES)	C DEPTH (INCHES)	D MOUNTING WIDTH (INCHES)	E MOUNTING HEIGHT (INCHES)	MOUNTING HOLE DIA (INCHES)
M3545F-H006-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3545F-H015-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3645F-H030-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3645F-H050-DC	5.00	5.85	2.70	5.25	4.40	0.25
M3645F-H100-DC	5.00	5.85	2.97	5.25	4.40	0.25
M3645F-H150-DC	5.00	5.85	2.97	5.25	4.40	0.25
M3645F-H225-DC	6.25	8.38	4.14	7.78	5.65	0.25
M3645F-H300-DC	6.25	8.38	4.14	7.78	5.65	0.25
M3645F-C030-DC	8.50	6.85	2.97	6.25	7.90	0.25
M3645F-C050-DC	8.50	6.85	2.97	6.25	7.90	0.25
M3645F-C100-DC	8.50	6.85	4.14	6.25	7.90	0.25

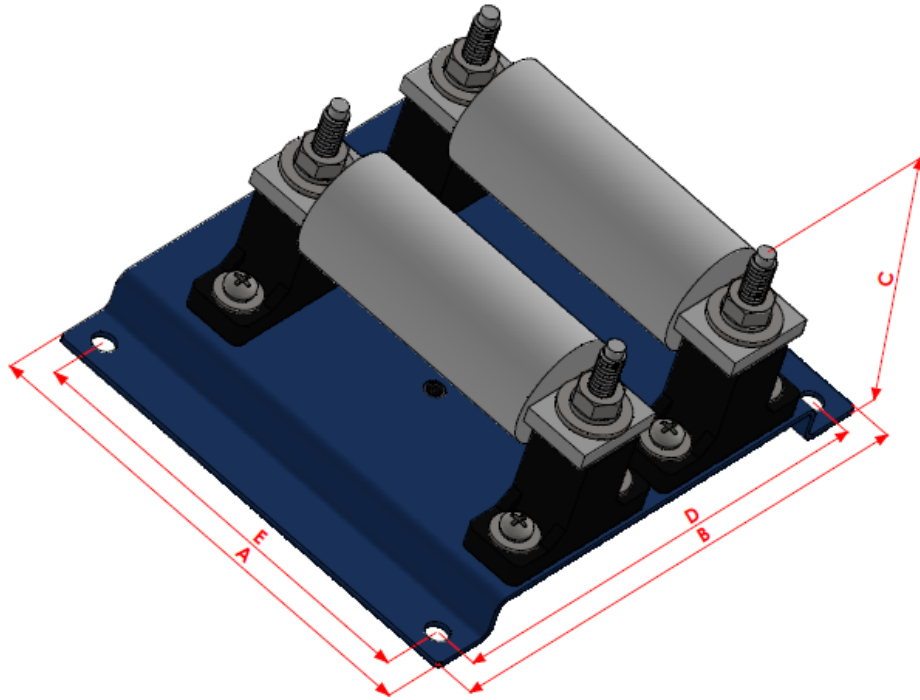
### DC Fuse Plate Dimensional Outline

M3545F-H006-DC, M3545F-H015-DC, M3645F-H030-DC, M3645F-H050-DC

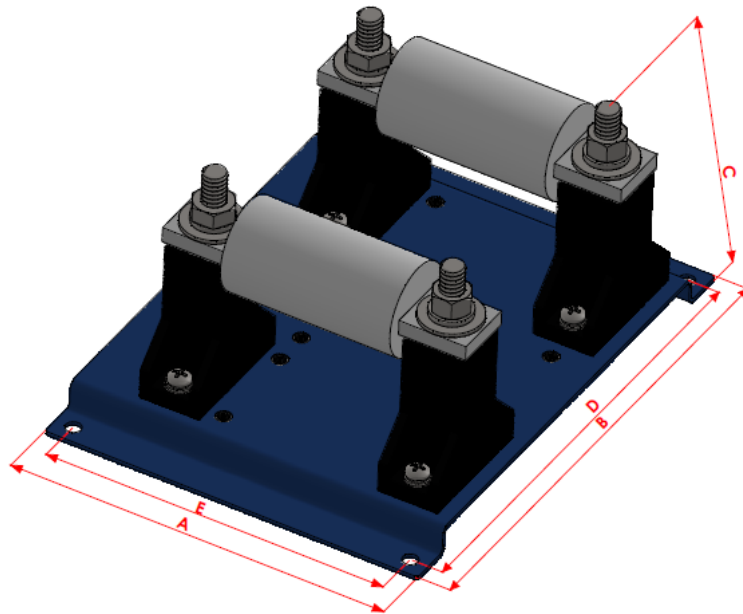


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M3645F-H100-DC, M3645F-H150-DC

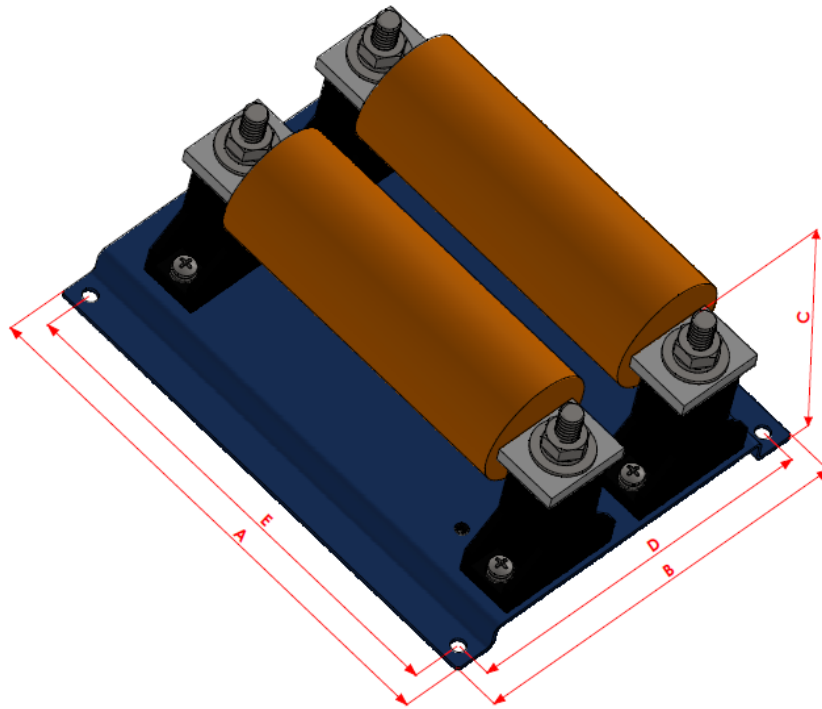


M3645F-H225-DC, M3645F-H300-DC



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M3645F-C030-DC, M3645F-C050-DC, M3645F-C100-DC





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## **KIT 3545F and KIT 3645F Fuse Kit**

### **KIT 3545F and KIT 3645F AC Fuse Holders**

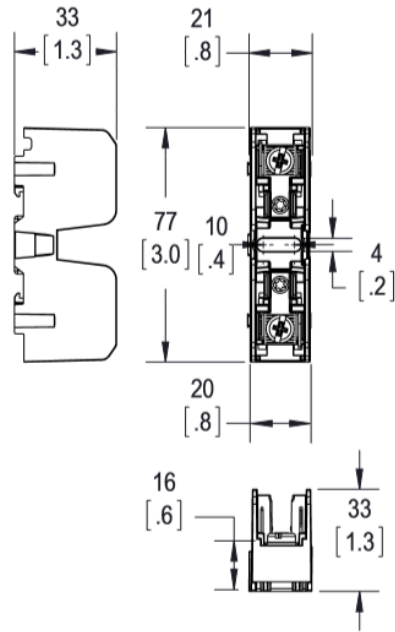
<b>MODEL</b>	<b>FUSES</b>	<b>FUSE HOLDER</b>
KIT 3545F-H006-AC	A60Q10-2	Bussmann BMM603-1SQ
KIT 3545F-H015-AC	A60Q20-2	Bussmann BMM603-1SQ
KIT 3645F-H030-AC	A50P40-4	Marathon FSM25E
KIT 3645F-H050-AC	A50P60-4	Marathon FSM25E
KIT 3645F-H100-AC	A50P125-4	Marathon FSM25E
KIT 3645F-H150-AC	A50P175-4	Marathon FSM25E
KIT 3645F-H225-AC	A50P250-4	Marathon FSM37E
KIT 3645F-H300-AC	A50P350-4	Marathon FSM37E
KIT 3645F-C030-AC	DFJ-40	Bussmann J60060-3C
KIT 3645F-C050-AC	DFJ-60	Bussmann J60060-3C
KIT 3645F-C100-AC	DFJ-125	Bussmann JM60200-3CR

### **KIT 3545F and KIT 3645F DC Fuse Holders**

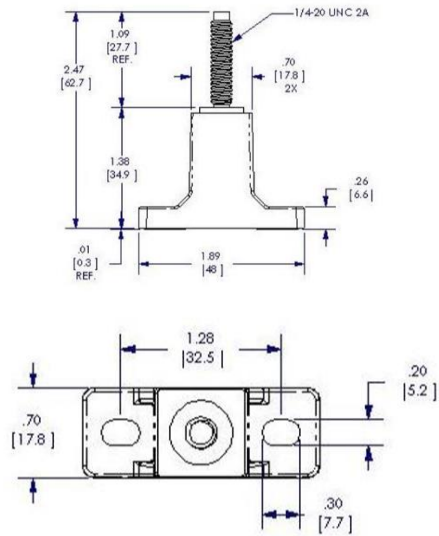
<b>MODEL</b>	<b>FUSES</b>	<b>FUSE HOLDER</b>
KIT 3545F-H006-DC	A70QS10-14F	Mersen 70325, 70326
KIT 3545F-H015-DC	A70QS20-14F	Mersen 70325, 70326
KIT 3645F-H030-DC	A70QS40-14F	Mersen 70325, 70326
KIT 3645F-H050-DC	A70QS63-22F	Mersen U71005, U71006
KIT 3645F-H100-DC	A70QS125-4	Marathon FSM25E
KIT 3645F-H150-DC	A70QS175-4	Marathon FSM25E
KIT 3645F-H225-DC	A70QS250-4	Marathon FSM37E
KIT 3645F-H300-DC	A70QS350-4	Marathon FSM37E
KIT 3645F-C030-DC	A150X40-4	Marathon FSM25E
KIT 3645F-C050-DC	A150X60-4	Marathon FSM25E
KIT 3645F-C100-DC	A150X125-4	Marathon FSM37E

## AC Fuse Holder Drawings

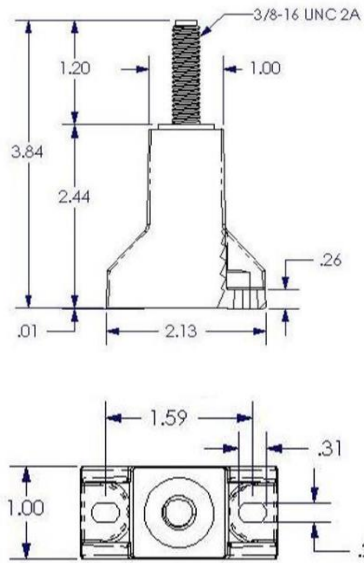
### Bussmann BMM603-1SQ



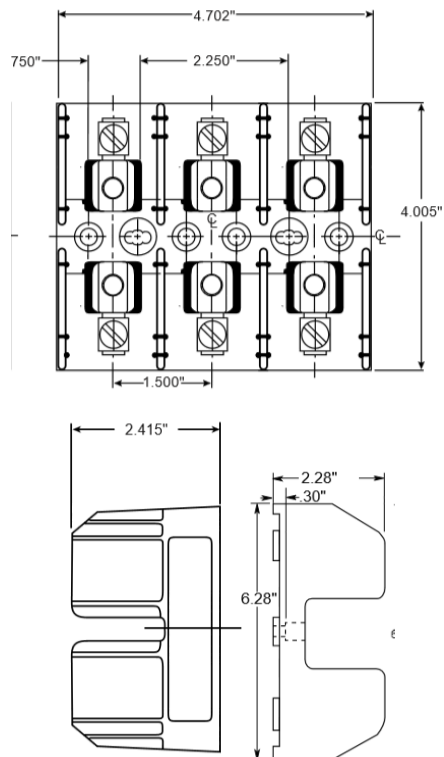
### Marathon FSM25E



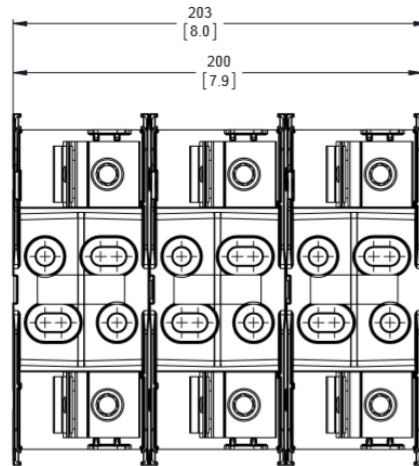
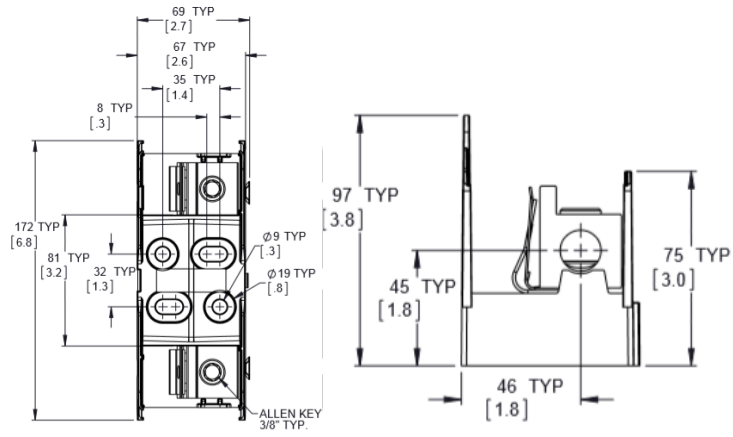
### Marathon FSM37E



### Bussmann J60060-3C



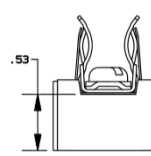
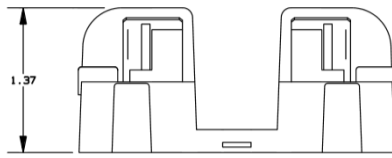
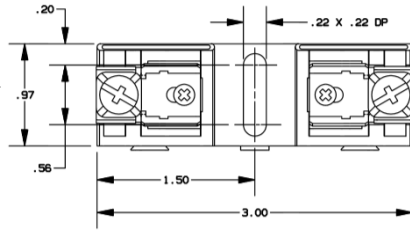
### Bussmann JM60200-3CR



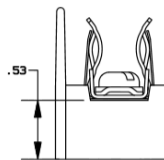
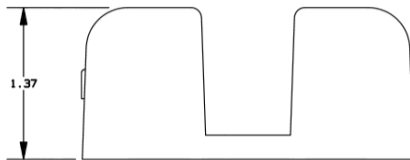
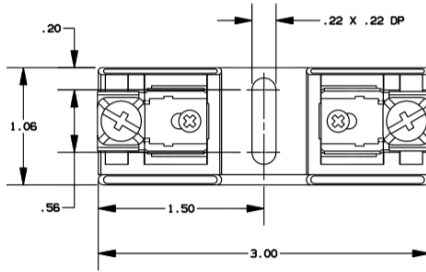


# DC Fuse Holder Drawings

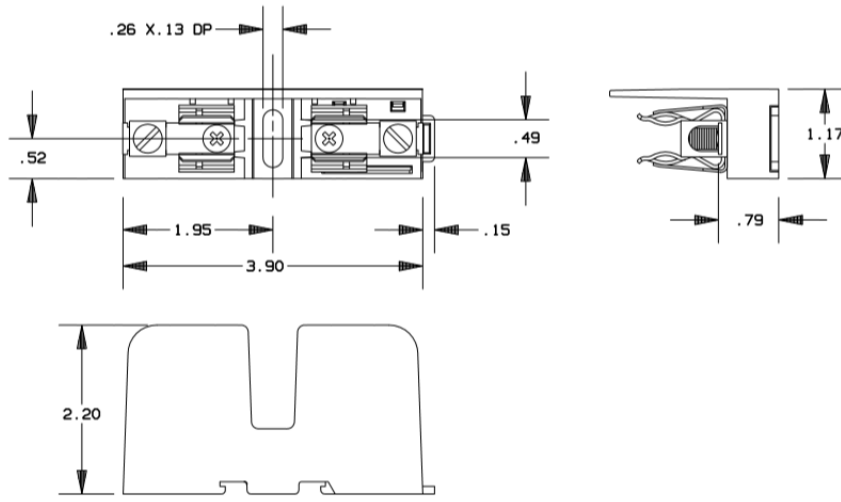
## Mersen 70325



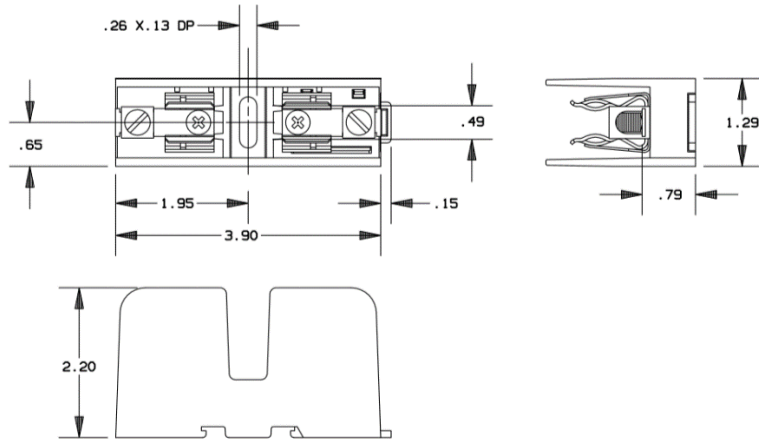
## Mersen 70326



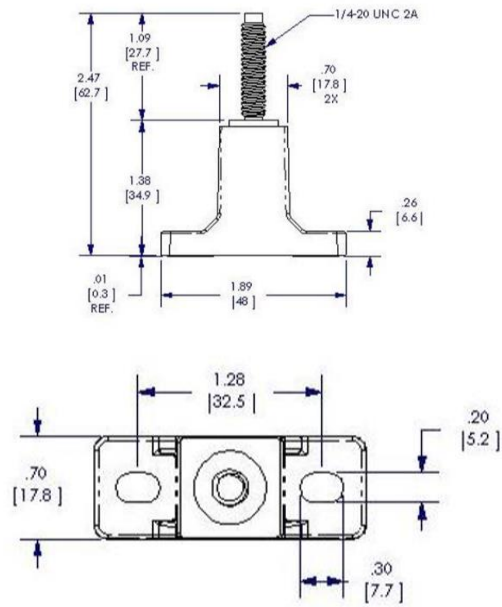
Mersen U71005



Mersen U71006



### Marathon FSM25E



### Marathon FSM37E

