

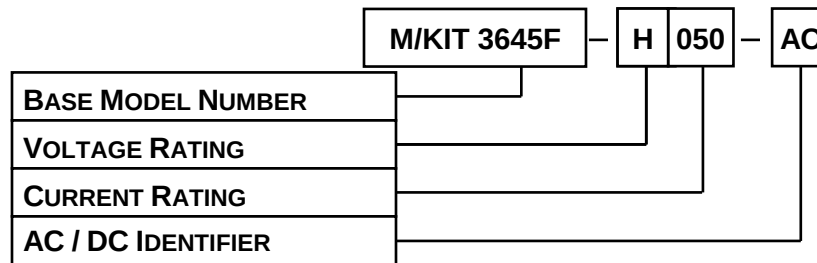


Solutions for AC Drives

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).

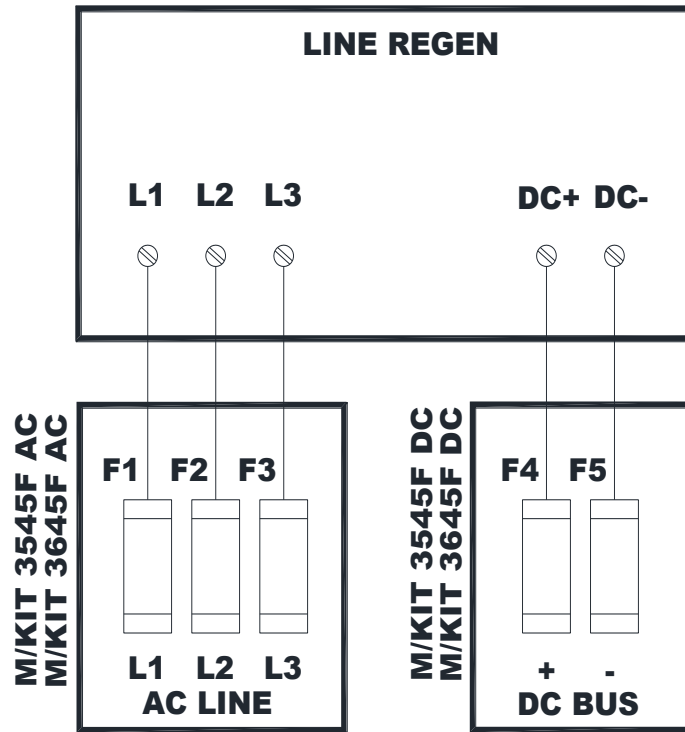
AC / DC IDENTIFIER

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 ⁽¹⁾	TORQUE
M3545-L006	M3545F-H006-AC	KIT 3545F-H006-AC	12 AWG	20 lb-in
M3545-H006	M3545F-H006-DC	KIT 3545F-H006-DC	12 AWG	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	12 AWG	35 lb-in
M3645-L030	M3645F-H030-AC	KIT 3645F-H030-AC	2 – 8 AWG	75 lb-in
M3645-E030	M3645F-H030-DC	KIT 3645F-H030-DC	10 AWG	35 lb-in
M3645-H030				
M3645-L050	M3645F-H050-AC	KIT 3645F-H050-AC	2/0 – 4 AWG	75 lb-in
M3645-E050	M3645F-H050-DC	KIT 3645F-H050-DC	6 AWG	35 lb-in
M3645-H050				
M3645-L100	M3645F-H100-AC	KIT 3645F-H100-AC	2/0 – 4 AWG	75 lb-in
M3645-E100	M3645F-H100-DC	KIT 3645F-H100-DC	2/0 – 4 AWG	75 lb-in
M3645-H100				
M3645-L150T	M3645F-H150-AC	KIT 3645F-H150-AC	350 kcmil	230 lb-in
M3645-E150T	M3645F-H150-DC	KIT 3645F-H150-DC	350 kcmil	230 lb-in
M3645-H150T				
M3645-L225T	M3645F-H225-AC	KIT 3645F-H225-AC	350 kcmil	230 lb-in
M3645-E225T	M3645F-H225-DC	KIT 3645F-H225-DC	350 kcmil	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	350 kcmil	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	2 – 3 AWG	75 lb-in
M3645-C050	M3645F-C050-AC	KIT 3645F-C050-AC	6 AWG	50 lb-in
	M3645F-C050-DC	KIT 3645F-C050-DC	2 – 3 AWG	75 lb-in
M3645-C100	M3645F-C100-AC	KIT 3645F-C100-AC	2 AWG	230 lb-in
	M3645F-C100-DC	KIT 3645F-C100-DC	250 kcmil	230 lb-in

⁽¹⁾ Use copper conductors rated for 75°C



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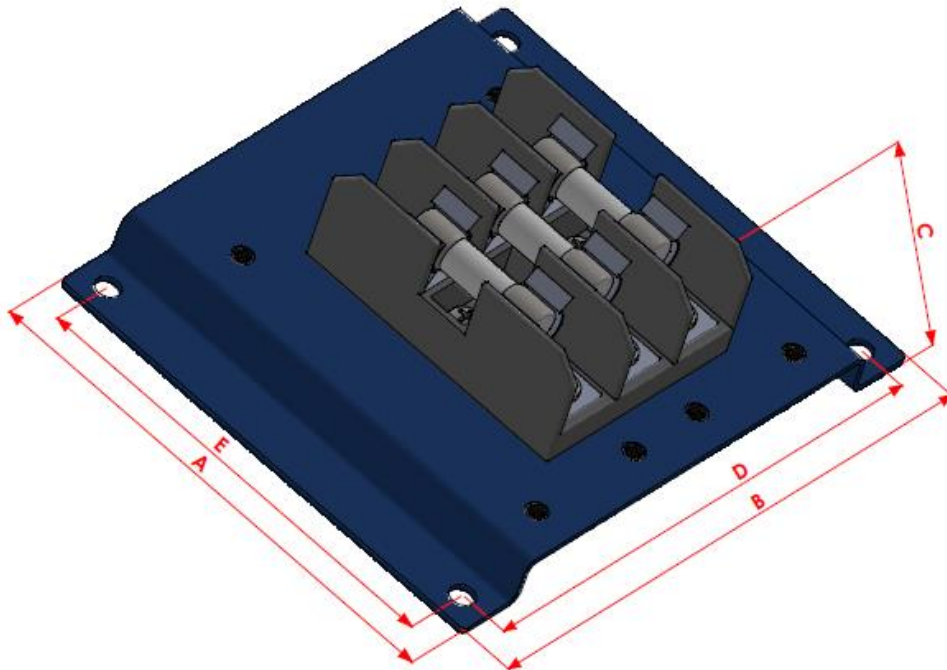
M3545F and M3645F Fuse Plate

M3545F and M3645F AC Fuse Plate Dimensions

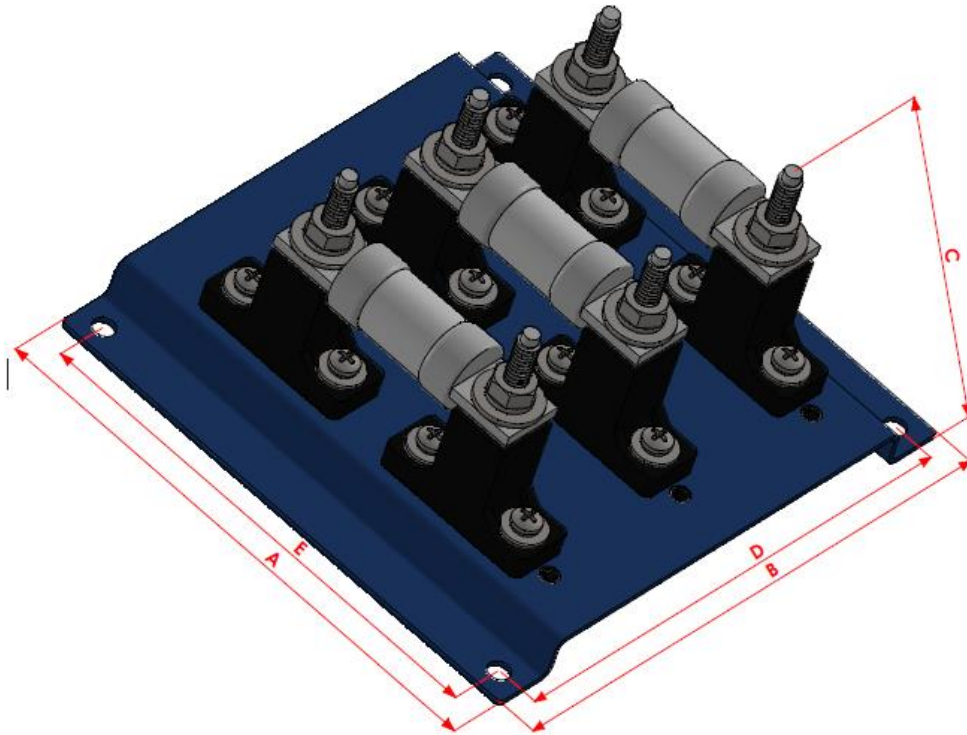
MODEL	A HEIGHT (INCHES)	B WIDTH (INCHES)	C DEPTH (INCHES)	D MOUNTING WIDTH (INCHES)	E MOUNTING HEIGHT (INCHES)	MOUNTING HOLE DIA (INCHES)
M3545F-H006-AC	5.00	5.85	1.71	5.25	4.40	0.25
M3545F-H015-AC	5.00	5.85	1.71	5.25	4.40	0.25
M3645F-H030-AC	6.00	6.35	2.97	5.75	5.40	0.25
M3645F-H050-AC	6.00	6.35	2.97	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

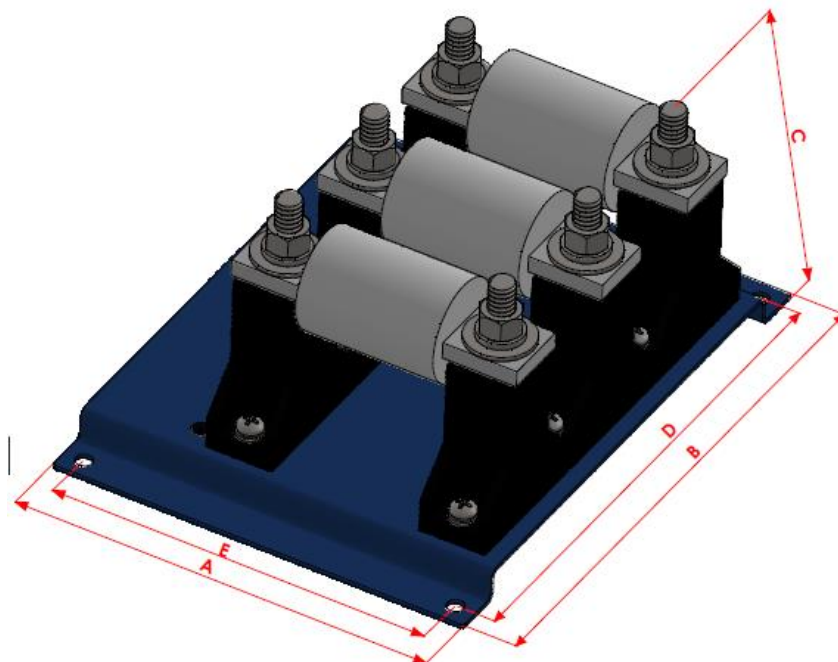
M3545F-H006-AC, M3545F-H015-AC



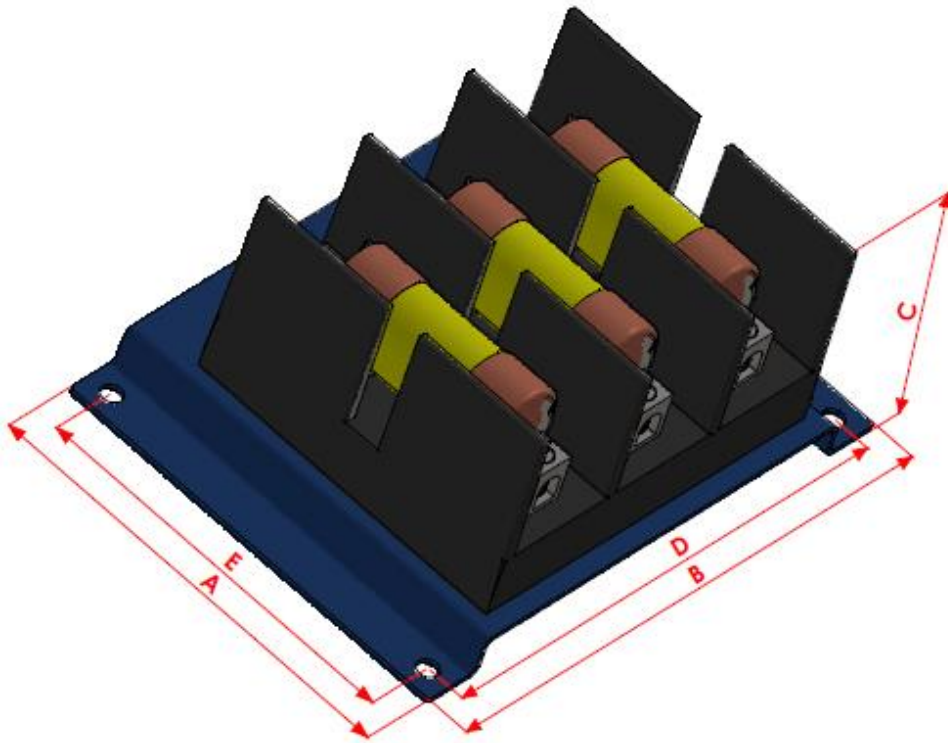
M3645F-H030-AC, M3645F-H050-AC, M3645F-H100-AC, M3645F-H150-AC



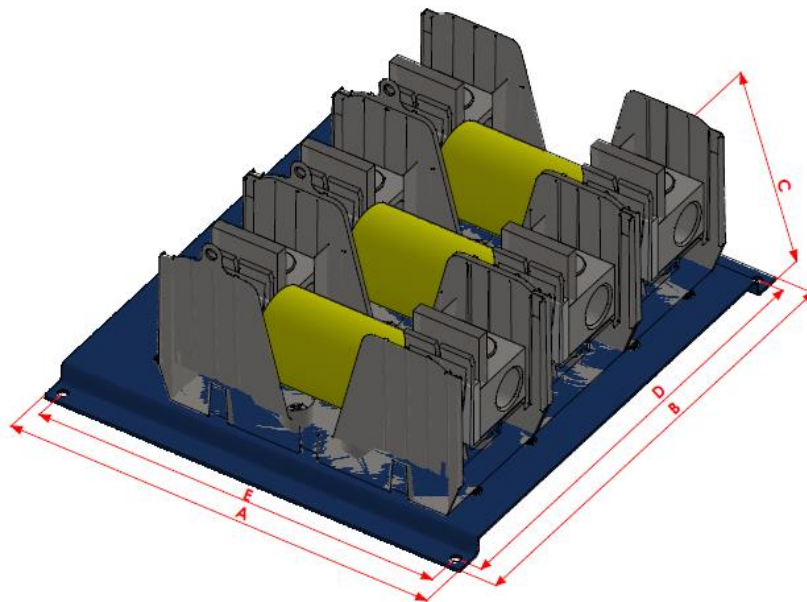
M3645F-H225-AC, M3645F-H300-AC



M3645F-C030-AC, M3645F-C050-AC



M3645F-C100-AC



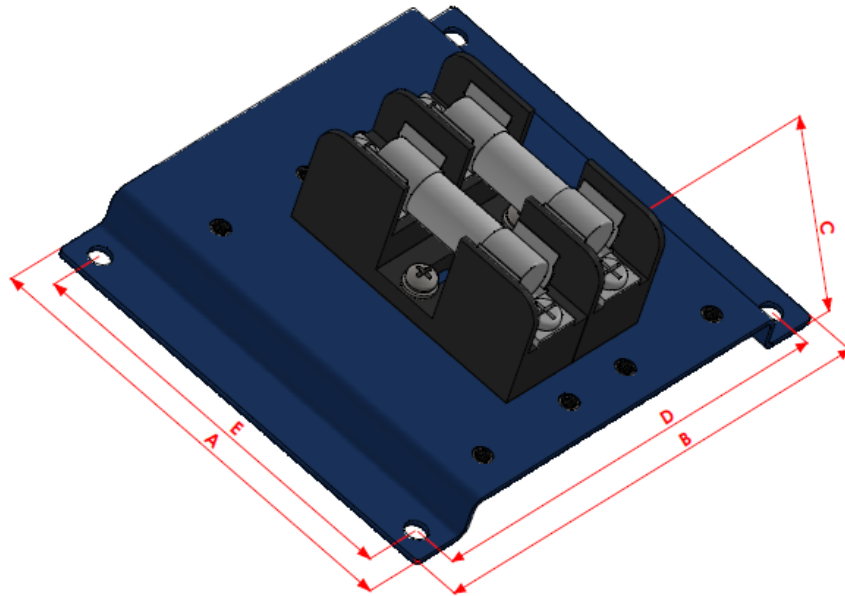
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M3545F and M3645F DC Fuse Plate Dimensions

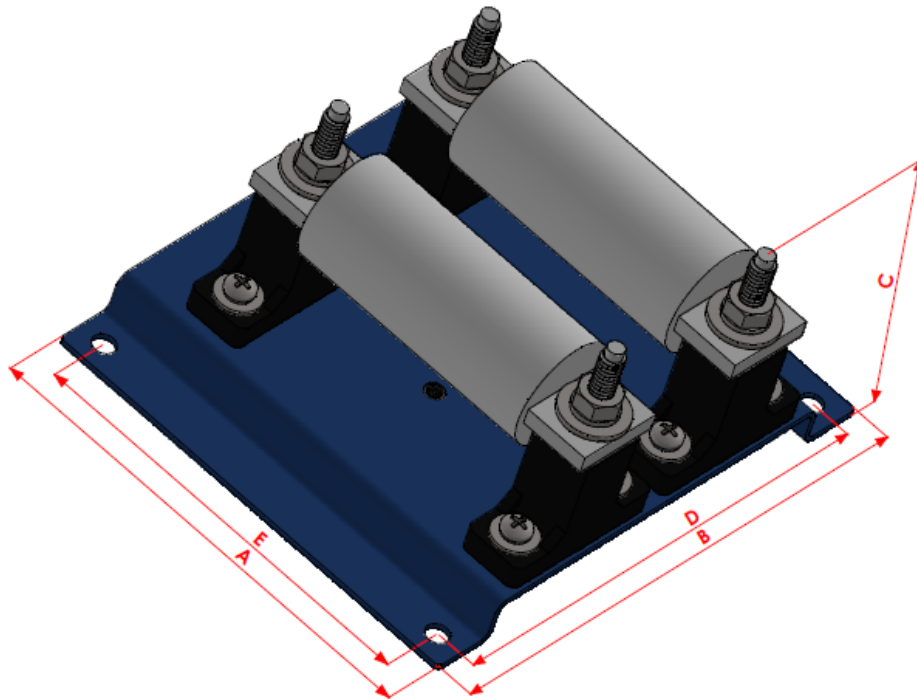
MODEL	A HEIGHT (INCHES)	B WIDTH (INCHES)	C DEPTH (INCHES)	D MOUNTING WIDTH (INCHES)	E MOUNTING HEIGHT (INCHES)	MOUNTING HOLE DIA (INCHES)
M3545F-H006-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3545F-H015-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3645F-H030-DC	5.00	5.85	1.88	5.25	4.40	0.25
M3645F-H050-DC	5.00	5.85	2.70	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

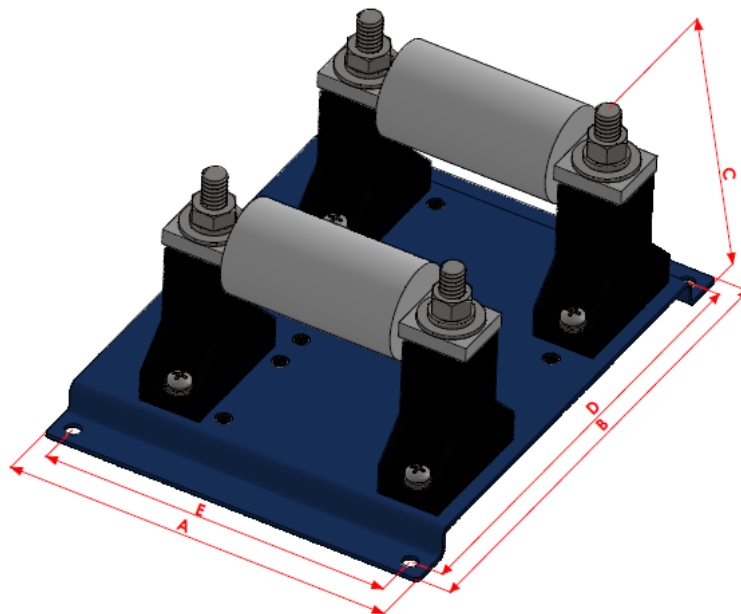
M3545F-H006-DC, M3545F-H015-DC, M3645F-H030-DC, M3645F-H050-DC



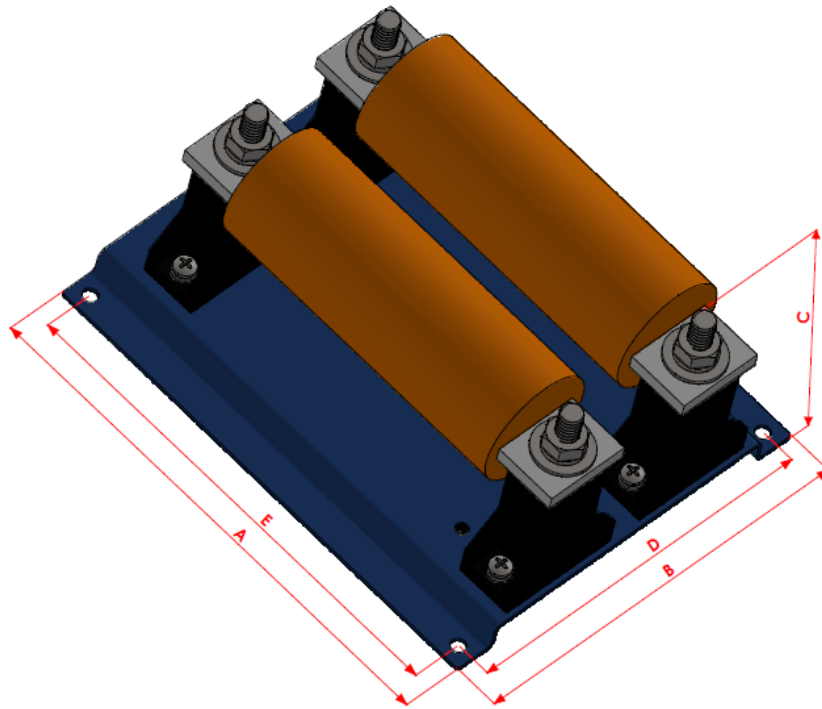
M3645F-H100-DC, M3645F-H150-DC



M3645F-H225-DC, M3645F-H300-DC



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

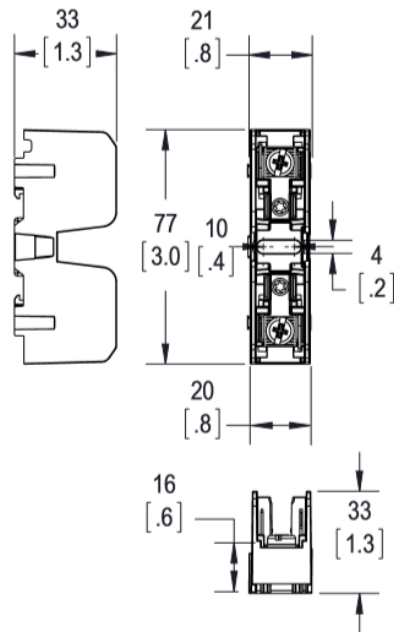
MODEL	FUSES	FUSE HOLDER
KIT 3545F-H006-AC	A60Q10-2	Bussmann BMM603-1SQ
KIT 3545F-H015-AC	A60Q20-2	Bussmann BMM603-1SQ
KIT 3645F-H030-AC	A50P40-4	Marathon FSM25E
KIT 3645F-H050-AC	A50P60-4	Marathon FSM25E
KIT 3645F-H100-AC	A50P125-4	Marathon FSM25E
KIT 3645F-H150-AC	A50P175-4	Marathon FSM25E
KIT 3645F-H225-AC	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

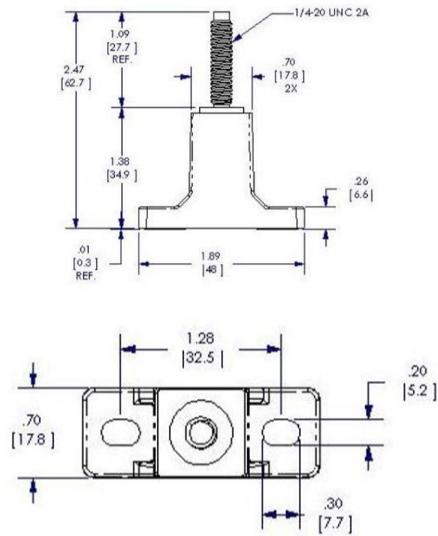
MODEL	FUSES	FUSE HOLDER
KIT 3545F-H006-DC	A70QS10-14F	Mersen 70325, 70326
KIT 3545F-H015-DC	A70QS20-14F	Mersen 70325, 70326
KIT 3645F-H030-DC	A70QS40-14F	Mersen 70325, 70326
KIT 3645F-H050-DC	A70QS63-22F	Mersen U71005, U71006
KIT 3645F-H100-DC	A70QS125-4	Marathon FSM25E
KIT 3645F-H150-DC	A70QS175-4	Marathon 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

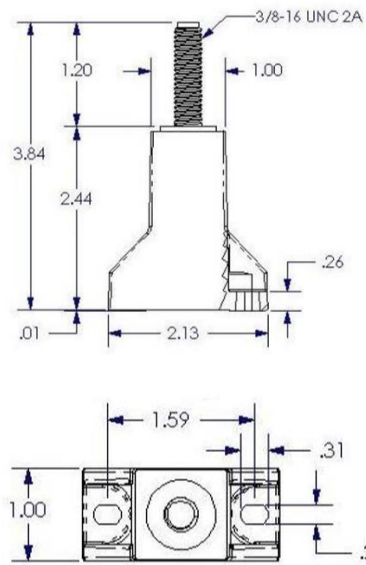
Bussmann BMM603-1SQ



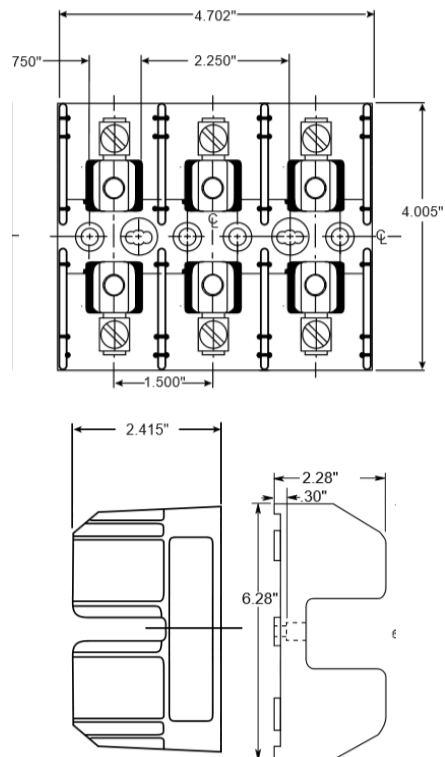
Marathon FSM25E



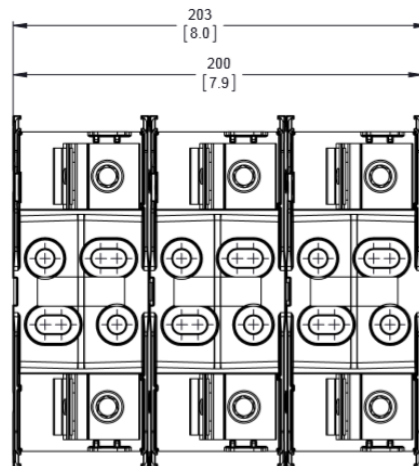
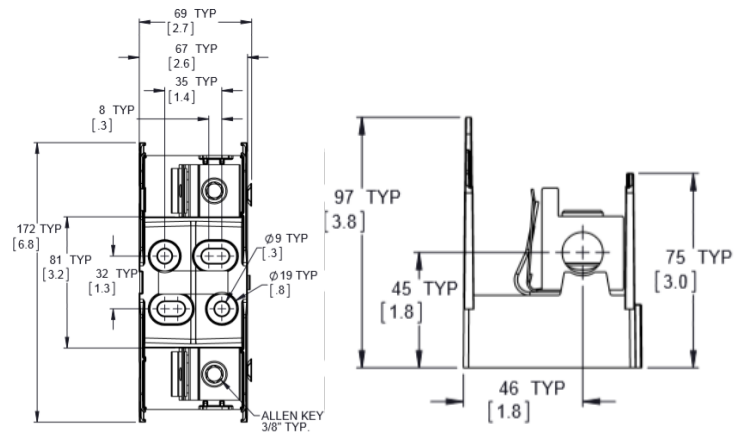
Marathon FSM37E



Bussmann J60060-3C

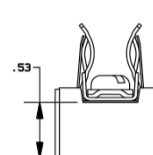
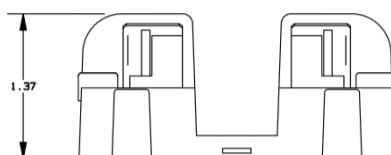
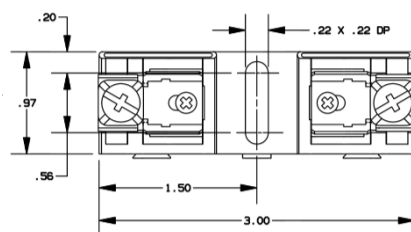


Bussmann JM60200-3CR

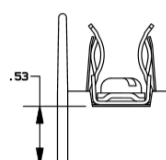
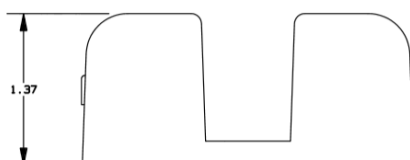
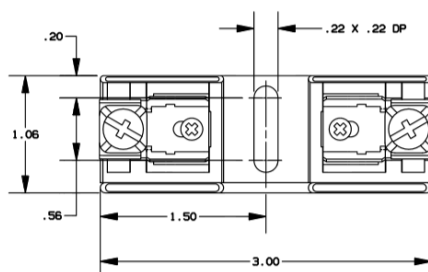


DC Fuse Holder Drawings

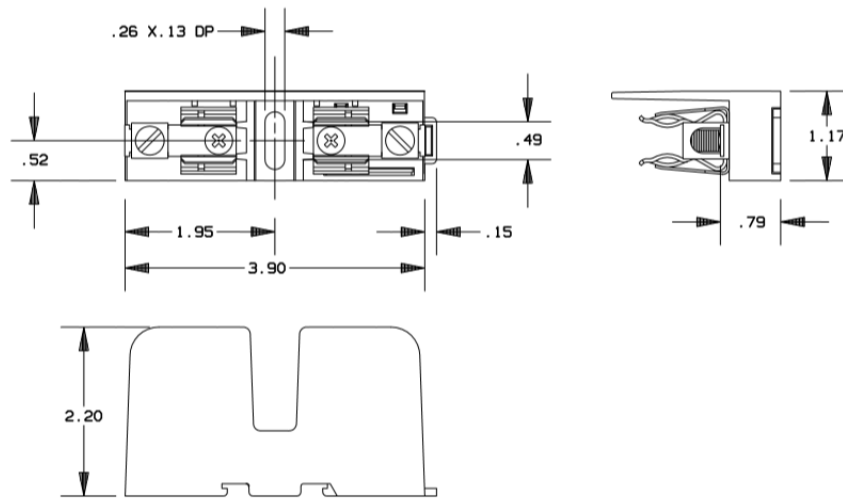
Mersen 70325



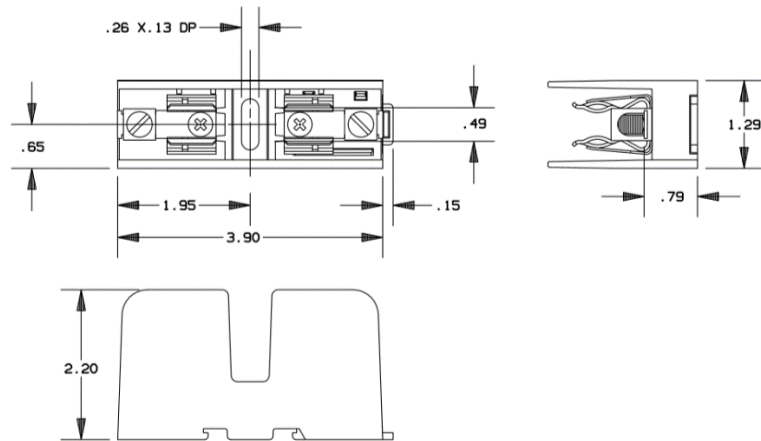
Mersen 70326



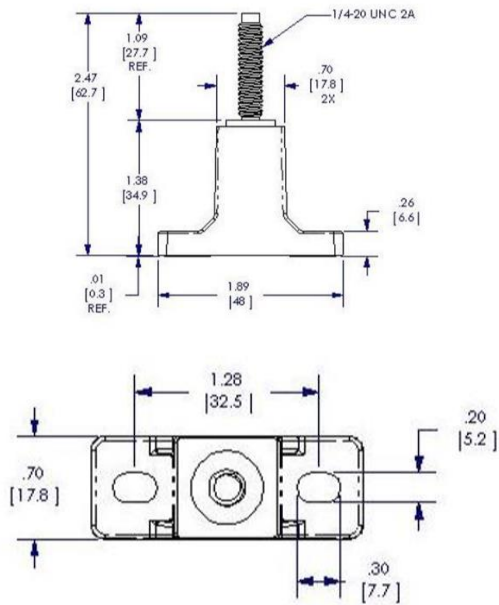
Mersen U71005



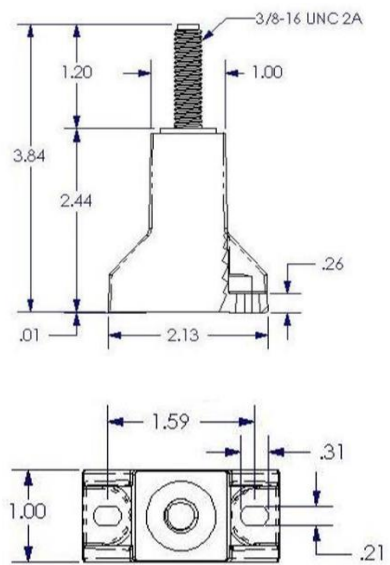
Mersen U71006



Marathon FSM25E



Marathon FSM37E



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