

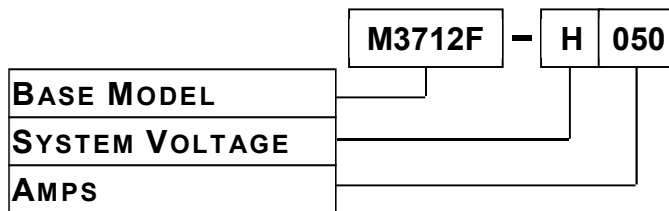


Solutions for AC Drives

Model M3712F

Fuse Kit for M3712 Single Phase Power Supply

PRODUCT INFORMATION



BASE MODEL NUMBER

The base model number for the M3712 single phase power supply fuse kit is M3712F.

SYSTEM VOLTAGE RATING

This rating indicates the nominal system voltage.

Table 1: Voltage Rating Codes

RATING CODE	VOLTAGE
L	208 – 240 VAC
H	4600 – 480 VAC

AMP RATING

The Amp Rating refers to the current rating of the M3712 power supply module this fuse kit will be used with. It is represented by a 3-digit number (i.e. **050**).

Figure 1: Connection Diagram

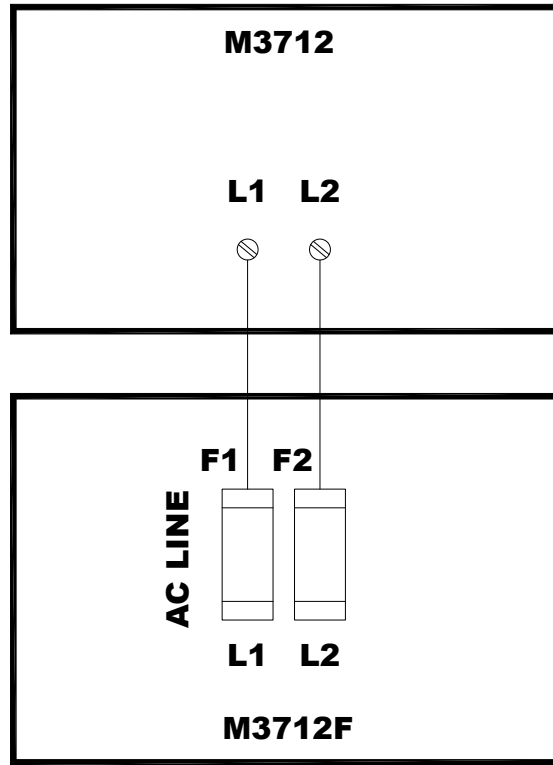


Table 2: Specification Table

M3712 MODEL	FUSE PLATE MODEL	F1, F2	POWER WIRING⁽¹⁾⁽²⁾	TORQUE
M3712-L015	M3712F-L015	A70QS100-4	4 AWG – 2 AWG	120 lb-in
M3712-L030	M3712F-L030	FWP 175	2/0 AWG	120 lb-in
M3712-L050	M3712F-L050	FWP-300	300 kcmil – 350 kcmil	275 lb-in
M3712-L075	M3712F-H075	FWP-600	4/0 AWG – 350 kcmil	375 lb-in
M3712-L125	M3712F-L125	A70SQ700	400 kcmil – 500 kcmil	375 lb-in
M3712-H015	M3712F-H015	FWP-70B	6 AWG – 2 AWG	120 lb-in
M3712-H030	M3712F-H030	FWP-125	2 AWG – 2/0 AWG	120 lb-in
M3712-H050	M3712F-H050	FWP-200	3/0 AWG – 350 kcmil	275 lb-in
M3712-H075	M3712F-H075	FWP-250	1 AWG – 350 kcmil	375 lb-in
M3712-H125	M3712F-H125	FWP-400	3/0 AWG – 500 kcmil	375 lb-in

⁽¹⁾ The maximum and minimum are the sizes that the terminals on the M3712 will accept. These are not recommendations.

⁽²⁾ Use copper conductors rated for 75°C.

Table 3: Backplate Size

MODEL	BACKPLATE HEIGHT (INCHES)	BACKPLATE WIDTH (INCHES)	A DEPTH (INCHES)	MOUNTING HEIGHT (INCHES)	E MOUNTING WIDTH (INCHES)	MOUNTING HOLE DIA (INCHES)
M3712F-L015	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-L030	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-L050	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-L075	8.00	12.875	5.77	7.00	11.875	0.25
M3712F-L125	8.00	12.875	5.77	7.00	11.875	0.25
M3712F-H015	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-H030	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-H050	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-H075	8.00	12.875	4.14	7.00	11.875	0.25
M3712F-H125	8.00	12.875	4.14	7.00	11.875	0.25

Figure 2: M3712F Dimensional Outline