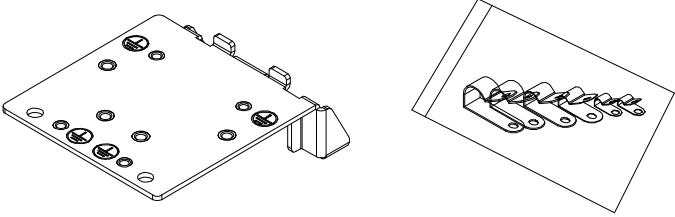
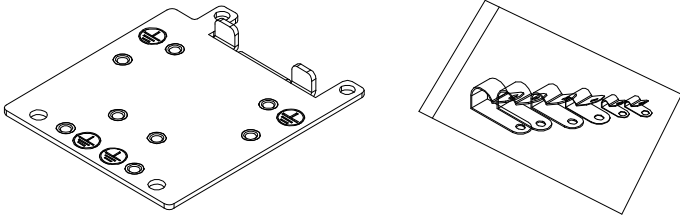
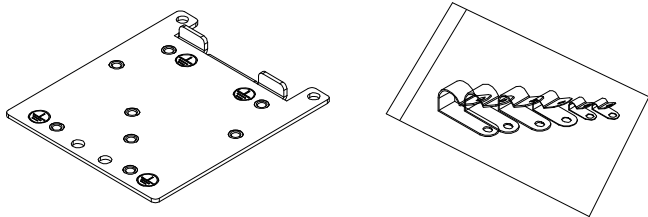
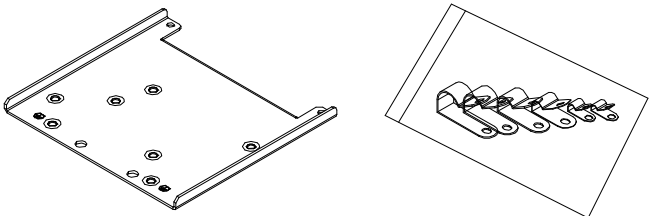
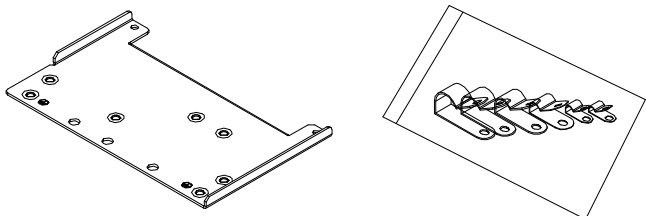
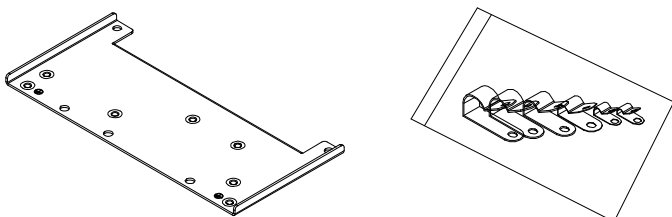


7-7 EMC Shield Plate

EMC Shield Plate (for use with shielded cable)

Frame	Model of EMC Shield Plate	Reference Figure
A	MKM-EPA	 <p data-bbox="954 539 1102 568">Figure 7-7-1</p>
B	MKM-EPB	 <p data-bbox="954 826 1102 855">Figure 7-7-2</p>
C	MKM-EPC	 <p data-bbox="954 1113 1102 1142">Figure 7-7-3</p>
D	MKM-EPD	 <p data-bbox="954 1400 1102 1429">Figure 7-7-4</p>
E	MKM-EPE	 <p data-bbox="954 1686 1102 1715">Figure 7-7-5</p>
F	MKM-EPF	 <p data-bbox="954 1973 1102 2002">Figure 7-7-6</p>

Installation

(This example uses Frame A model)

1. As shown in the right figure, fix the shield plate on the AC motor drive.

Torque value:

Frame	Screw	Torque
A	M3.5	6–8 kg-cm / [5.2–6.9 lb-in.] / [0.59–0.78 Nm]
B	M4	6–8 kg-cm / [5.2–6.9 lb-in.] / [0.59–0.78 Nm]
C	M4	6–8 kg-cm / [5.2–6.9 lb-in.] / [0.59–0.78 Nm]
D	M3	4–6 kg-cm / [3.5–5.2 lb-in.] / [0.39–0.59 Nm]
E	M3	4–6 kg-cm / [3.5–5.2 lb-in.] / [0.39–0.59 Nm]
F	M4	6–8 kg-cm / [5.2–6.9 lb-in.] / [0.59–0.78 Nm]

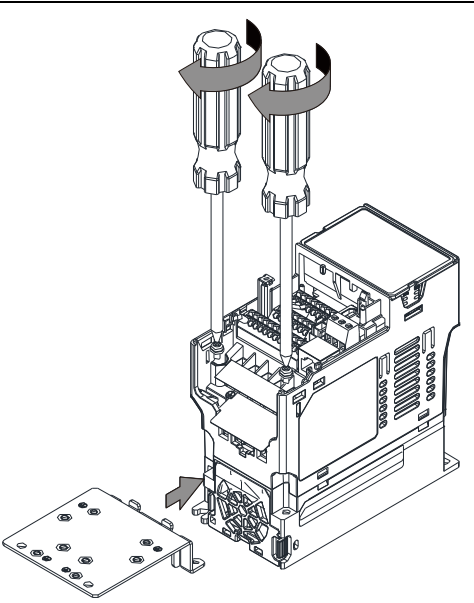


Figure 7-7-7

2. Select a suitable R-clip according to the wire gauge used, and then fix the R-clip on the shield plate.

Screw	Torque
M4	6–8 kg-cm / [5.2–6.9 lb-in.] / [0.59–0.78 Nm]

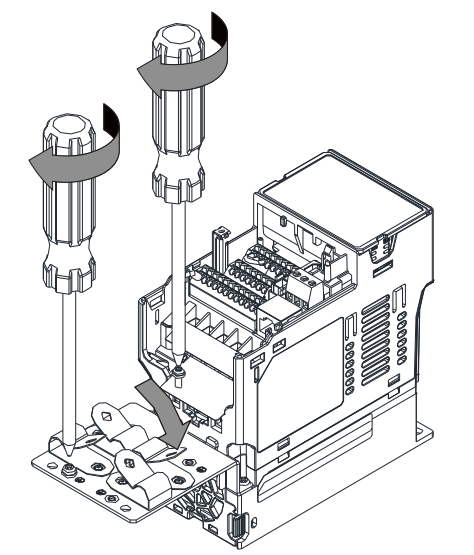


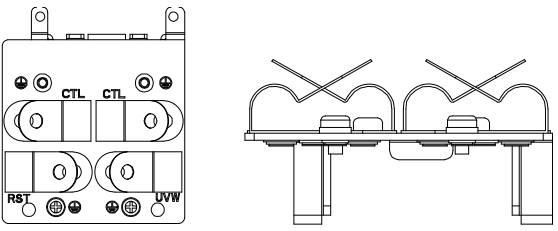
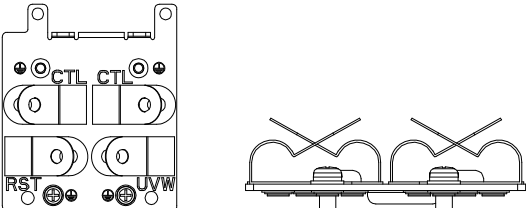
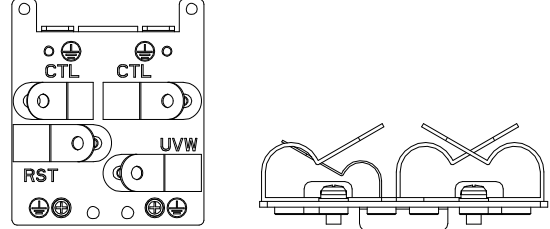
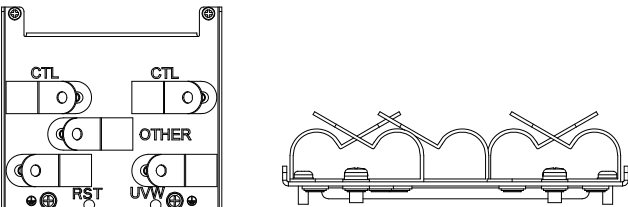
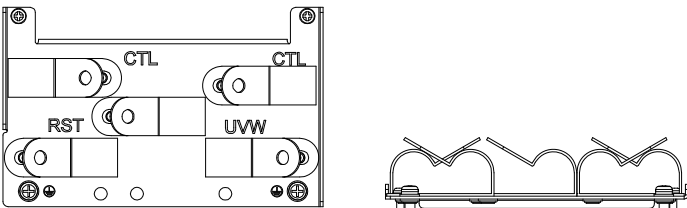
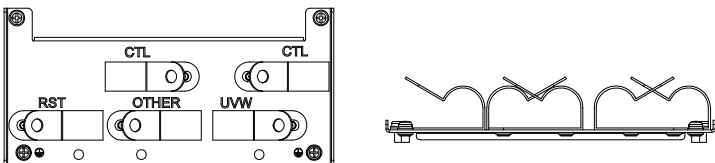
Figure 7-7-8

Dimensions of EMC Shield Plate

Figure 7-7-9

Model	Dimensions of Shield Plate	
	Unit: mm [inch]	
	a	b
MKM-EPA	69.3 [2.73]	80.0 [3.15]
MKM-EPB	67.7 [2.67]	79.7 [3.14]
MKM-EPC	78.0 [3.07]	91.0 [3.58]
MKM-EPD	103.4 [4.07]	97.0 [3.82]
MKM-EPE	124.3 [4.89]	77.4 [3.05]
MKM-EPF	168.0 [6.61]	80.0 [3.15]

Recommended wiring method

Frame	Model of EMC Shield Plate	Reference Figure
A	MKM-EPA	 <p data-bbox="995 488 1158 521">Figure 7-7-10</p>
B	MKM-EPB	 <p data-bbox="995 790 1158 824">Figure 7-7-11</p>
C	MKM-EPC	 <p data-bbox="995 1097 1158 1131">Figure 7-7-12</p>
D	MKM-EPD	 <p data-bbox="995 1395 1158 1429">Figure 7-7-13</p>
E	MKM-EPE	 <p data-bbox="995 1697 1158 1731">Figure 7-7-14</p>
F	MKM-EPF	 <p data-bbox="995 2000 1158 2033">Figure 7-7-15</p>