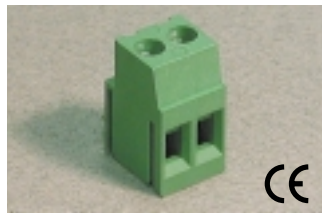


# Fixed PCB Blocks



Pin Spacing: 5.08mm\*  
 Orientation: Horizontal  
 Clamp Type: Screw Cage  
 Design: Modular



**MHSP-25**

**ELECTRICAL**

	Current	Voltage	Wire Range
US Pending	24A	300V	30-14AWG
	24A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

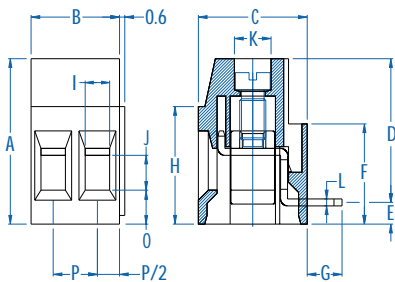
**INSTALLATION DATA**

Screw Size	M3	PCB Hole Size	1.5mm
Torque	0.5Nm (4.5 lbf-in.)	Stripping Lgth.	9.5mm

**MATERIAL**

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
2	MHSP-252	10.2	100
3	MHSP-253	15.2	100
4	MHSP-254	20.3	50
5	MHSP-255	25.4	50
6	MHSP-256	30.5	50
7	MHSP-257	35.6	50
8	MHSP-258	40.6	50
9	MHSP-259	45.7	50
10	MHSP-2510	50.8	50
11	MHSP-2511	55.9	50
12	MHSP-2512	61.0	50
13	MHSP-2513	66.0	20
14	MHSP-2514	71.1	20
15	MHSP-2515	76.2	20
16	MHSP-2516	81.3	20
17	MHSP-2517	86.4	20
18	MHSP-2518	91.4	20
19	MHSP-2519	96.5	20
20	MHSP-2520	101.6	20
21	MHSP-2521	106.7	20
22	MHSP-2522	111.8	20
23	MHSP-2523	116.8	20
24	MHSP-2524	121.9	20

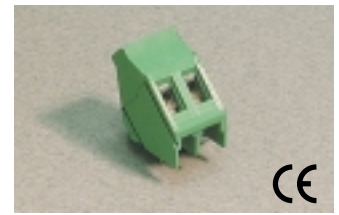


Dimensions

A	19.00 mm	I	2.80 mm
B	10.16 mm	J	4.00 mm
C	12.50 mm	K	Ø4.00 mm
D	16.50 mm	L	0.80 mm
E	2.50 mm	M	1.00 mm
F	11.50 mm	N	-
G	4.00 mm	O	3.90 mm
H	13.50 mm	P	5.08 mm

\* Also available in 10.16mm pin spacing.

Pin Spacing: 5.08mm  
 Orientation: 35°  
 Clamp Type: Screw Cage  
 Design: Modular



**MI-25 (35)**

**ELECTRICAL**

	Current	Voltage	Wire Range
US	15A <sup>①</sup>	300V	30-14AWG
	16A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

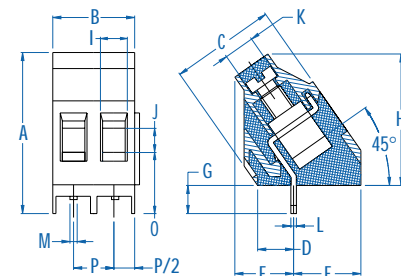
**INSTALLATION DATA**

Screw Size	M3	PCB Hole Size	1.3mm
Torque	0.5Nm (4.5 lbf-in.)	Stripping Lgth.	8.3mm

**MATERIAL**

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
2	MI-252 (35)	10.2	100
3	MI-253 (35)	15.2	100
4	MI-254 (35)	20.3	50
5	MI-255 (35)	25.4	50
6	MI-256 (35)	30.5	50
7	MI-257 (35)	35.6	50
8	MI-258 (35)	40.6	50
9	MI-259 (35)	45.7	50
10	MI-2510 (35)	50.8	50
11	MI-2511 (35)	55.9	50
12	MI-2512 (35)	61.0	50
13	MI-2513 (35)	66.0	20
14	MI-2514 (35)	71.1	20
15	MI-2515 (35)	76.2	20
16	MI-2516 (35)	81.3	20
17	MI-2517 (35)	86.4	20
18	MI-2518 (35)	91.4	20
19	MI-2519 (35)	96.5	20
20	MI-2520 (35)	101.6	20
21	MI-2521 (35)	106.7	20
22	MI-2522 (35)	111.8	20
23	MI-2523 (35)	116.8	20
24	MI-2524 (35)	121.9	20



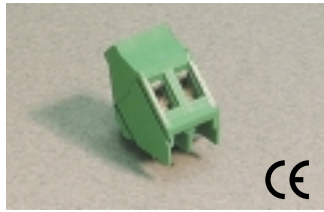
Dimensions

A	20.00 mm	I	2.80 mm
B	10.16 mm	J	2.80 mm
C	13.00 mm	K	Ø3.80 mm
D	4.50 mm	L	0.70 mm
E	7.70 mm	M	0.90 mm
F	7.30 mm	N	-
G	4.00 mm	O	6.75 mm
H	16.30 mm	P	5.08 mm

① 16A Factory Wiring - UL

# Fixed PCB Blocks

Pin Spacing: 5.08mm  
 Orientation: 45°  
 Clamp Type: Screw Cage  
 Design: Modular



**MI-25 (45)**

**ELECTRICAL**

	Current	Voltage	Wire Range
	15A <sup>①</sup>	300V	30-14AWG
	16A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

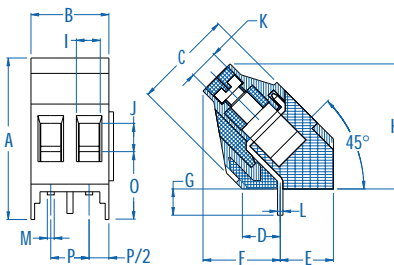
**INSTALLATION DATA**

Screw Size	M3	PCB Hole Size	1.3mm
Torque	0.5Nm (4.5 lbf-in.)	Stripping Lgth.	8.3mm

**MATERIAL**

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickel Brass
Color	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
2	MI-252 (45)	10.2	100
3	MI-253 (45)	15.2	100
4	MI-254 (45)	20.3	50
5	MI-255 (45)	25.4	50
6	MI-256 (45)	30.5	50
7	MI-257 (45)	35.6	50
8	MI-258 (45)	40.6	50
9	MI-259 (45)	45.7	50
10	MI-2510 (45)	50.8	50
11	MI-2511 (45)	55.9	50
12	MI-2512 (45)	61.0	50
13	MI-2513 (45)	66.0	20
14	MI-2514 (45)	71.1	20
15	MI-2515 (45)	76.2	20
16	MI-2516 (45)	81.3	20
17	MI-2517 (45)	86.4	20
18	MI-2518 (45)	91.4	20
19	MI-2519 (45)	96.5	20
20	MI-2520 (45)	101.6	20
21	MI-2521 (45)	106.7	20
22	MI-2522 (45)	111.8	20
23	MI-2523 (45)	116.8	20
24	MI-2524 (45)	121.9	20

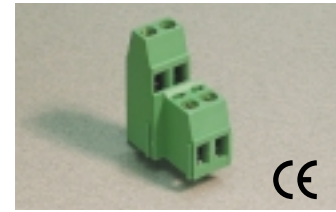


Dimensions

A	21.00 mm	I	2.80 mm
B	10.16 mm	J	2.80 mm
C	13.00 mm	K	Ø3.80 mm
D	4.50 mm	L	0.70 mm
E	7.70 mm	M	0.90 mm
F	10.00 mm	N	-
G	4.00 mm	O	8.60 mm
H	16.30 mm	P	5.08 mm

① 16A Factory Wiring - UL

Pin Spacing: 5.08mm  
 Orientation: Vertical-Double Level  
 Clamp Type: Screw Cage  
 Design: Modular-Offset



**MVD-25**

**ELECTRICAL**

	Current	Voltage	Wire Range
	15A <sup>①</sup>	300V	30-14AWG
	16A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

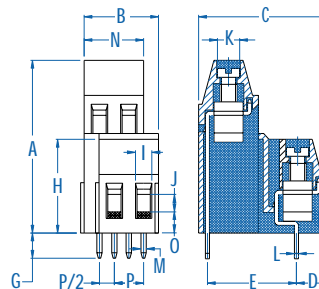
**INSTALLATION DATA**

Screw Size	M3	PCB Hole Size	1.3mm
Torque	0.5Nm (4.5 lbf-in.)	Stripping Lgth.	8.3mm

**MATERIAL**

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickel Brass
Color	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
4	MVD-252	12.7	100
6	MVD-253	17.8	100
8	MVD-254	22.9	50
10	MVD-255	27.9	50
12	MVD-256	33.0	50
14	MVD-257	38.1	50
16	MVD-258	43.2	50
18	MVD-259	48.3	50
20	MVD-2510	53.3	50
22	MVD-2511	58.4	20
24	MVD-2512	63.5	20
26	MVD-2513	68.6	20
28	MVD-2514	73.7	20
30	MVD-2515	78.7	20
32	MVD-2516	83.2	20
34	MVD-2517	88.9	20
36	MVD-2518	94.0	20
38	MVD-2519	99.1	20
40	MVD-2520	104.1	10
42	MVD-2521	109.2	10
44	MVD-2522	114.3	10
46	MVD-2523	119.4	10
48	MVD-2524	124.5	10
50	MVD-2525	129.5	10



Dimensions

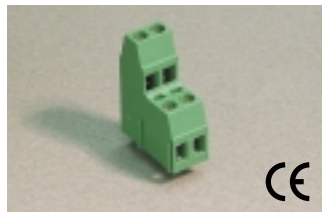
A	29.50 mm	I	2.80 mm
B	12.70 mm	J	2.80 mm
C	22.00 mm	K	Ø3.80 mm
D	5.30 mm	L	0.70 mm
E	15.24 mm	M	0.90 mm
F	-	N	10.16 mm
G	4.70 mm	O	3.60 mm
H	16.00 mm	P	5.08 mm

① 16A Factory Wiring - UL

# Fixed PCB Blocks



Pin Spacing: 5.08mm  
 Orientation: Vertical-Double Level  
 Clamp Type: Screw Cage  
 Design: Modular-Aligned



**MVDK-25**

**ELECTRICAL**

	Current	Voltage	Wire Range
	15A <sup>①</sup>	300V	30-14AWG
	16A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

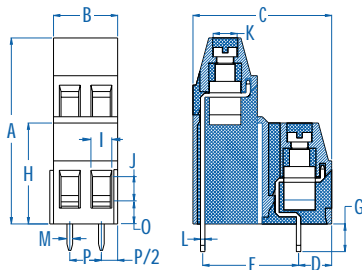
**INSTALLATION DATA**

<b>Screw Size</b>	M3	<b>PCB Hole Size</b>	1.3mm
<b>Torque</b>	0.5Nm (4.5 lbf-in.)	<b>Stripping Lgth.</b>	8.3mm

**MATERIAL**

<b>Body</b>	PA6.8	<b>Screw</b>	Galvanized Steel
<b>Flammability Class</b>	UL94V-0	<b>Terminal</b>	Tin-Plated Brass
<b>Temperature Limit</b>	105°C UL 125°C IEC	<b>Clamp</b>	Nickeled Brass
<b>Color</b>	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
4	MVDK-252	10.2	100
6	MVDK-253	15.2	100
8	MVDK-254	20.3	50
10	MVDK-255	25.4	50
12	MVDK-256	30.5	50
14	MVDK-257	35.6	50
16	MVDK-258	40.6	50
18	MVDK-259	45.7	50
20	MVDK-2510	50.8	50
22	MVDK-2511	55.9	20
24	MVDK-2512	61.0	20
26	MVDK-2513	66.0	20
28	MVDK-2514	71.1	20
30	MVDK-2515	76.2	20
32	MVDK-2516	81.3	20
34	MVDK-2517	86.4	20
36	MVDK-2518	91.4	20
38	MVDK-2519	96.5	20
40	MVDK-2520	101.6	10
42	MVDK-2521	106.7	10
44	MVDK-2522	111.8	10
46	MVDK-2523	116.8	10
48	MVDK-2524	121.9	10
50	MVDK-2525	129.5	10

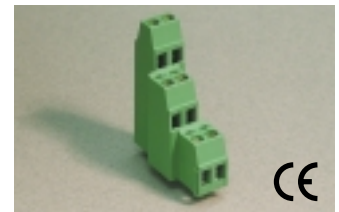


**Dimensions**

A	29.50 mm	I	2.80 mm
B	10.16 mm	J	2.80 mm
C	22.00 mm	K	Ø3.80 mm
D	5.30 mm	L	0.70 mm
E	15.24 mm	M	0.90 mm
F	-	N	-
G	4.70 mm	O	3.60 mm
H	16.00 mm	P	5.08 mm

① 16A Factory Wiring - UL

Pin Spacing: 5.08mm  
 Orientation: Vertical-Triple Level  
 Clamp Type: Screw Cage  
 Design: Modular



**MVT-25**

**ELECTRICAL**

	Current	Voltage	Wire Range
	15A <sup>①</sup>	300V	30-14AWG
	16A	450V	2.5mm <sup>2</sup> Stranded 4.0mm <sup>2</sup> Solid

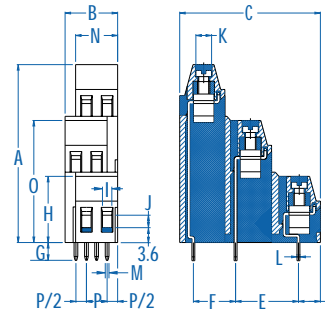
**INSTALLATION DATA**

<b>Screw Size</b>	M3	<b>PCB Hole Size</b>	1.3mm
<b>Torque</b>	0.5Nm (4.5 lbf-in.)	<b>Stripping Lgth.</b>	8.3mm

**MATERIAL**

<b>Body</b>	PA6.8	<b>Screw</b>	Galvanized Steel
<b>Flammability Class</b>	UL94V-0	<b>Terminal</b>	Tin-Plated Brass
<b>Temperature Limit</b>	105°C UL 125°C IEC	<b>Clamp</b>	Nickeled Brass
<b>Color</b>	Green		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
6	MVT-252	12.7	50
9	MVT-253	17.8	50
12	MVT-254	22.9	30
15	MVT-255	27.9	30
18	MVT-256	33.0	30
21	MVT-257	38.1	30
24	MVT-258	43.2	30
27	MVT-259	48.3	30
30	MVT-2510	53.3	30
33	MVT-2511	58.4	15
36	MVT-2512	63.5	15
39	MVT-2513	68.6	15
42	MVT-2514	73.7	15
45	MVT-2515	78.7	15
48	MVT-2516	83.2	15
51	MVT-2517	88.9	15
54	MVT-2518	94.0	15
57	MVT-2519	99.1	15
60	MVT-2520	104.1	5
63	MVT-2521	109.2	5
66	MVT-2522	114.3	5
69	MVT-2523	119.4	5
72	MVT-2524	124.5	5



**Dimensions**

A	43.00 mm	I	2.80 mm
B	12.70 mm	J	2.80 mm
C	34.00 mm	K	Ø3.80 mm
D	5.30 mm	L	0.70 mm
E	15.24 mm	M	0.90 mm
F	10.16 mm	N	10.16 mm
G	4.50 mm	O	29.50 mm
H	16.00 mm	P	5.08 mm

① 16A Factory Wiring - UL