

Getting Wired Is Easy

Wide Variety Of Euro-Mag[®] European Style PCB Terminal Blocks And Plugs Makes Your Application A Snap!

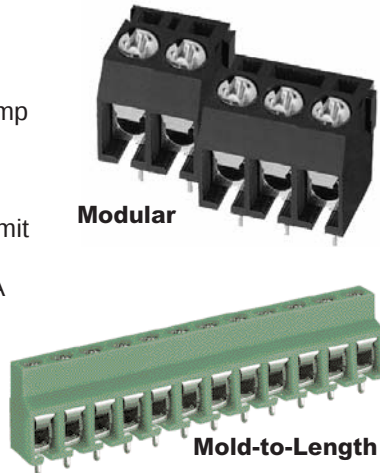
- **High Current Terminal Blocks** allow handling lots of power right on the circuit board – up to 115 amps.
- **Six Styles** cover many applications from straight-to-board, and plug and header.
- **Terminal Options** make connections easy — screw, screwless and insulation displacement connectors (IDC).
- **2- and 3-Tier Versions** save valuable PCB space.
- **Mold-to-Length Designs** deliver the exact number of poles for the application.
- **Modular (Stackable) Designs** ease inventory needs.
- **Wire Entry Orientations** solve wire routing issues — horizontal, vertical, 30°, 35°, 45° and 60°.
- **Center Spacings** range from 2.54 to 15.00mm.
- **Custom Configurations** meet customer-specific industry standard requirements.



Euro-Mag PCB Terminal Block Styles

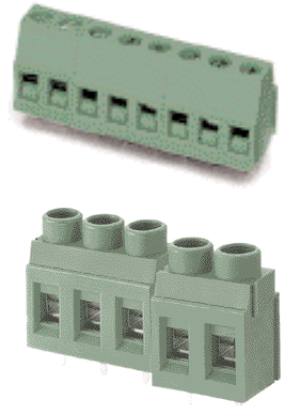
Spring Clamp Blocks

- Direct-to-board wiring with secure-gripping spring clamp terminals
- Centers from 3.5 to 10mm
- Poles from 2 to 24
- Modular constructions permit inventory flexibility
- Ratings: 250V-300V, 6-16A
- 14 to 26 AWG wire range



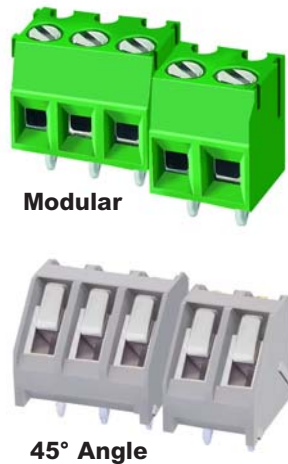
High Current Blocks

- Simplify design and manufacturing, High Current terminal blocks allow handling lots of power right on the circuit board.
- Ratings: 28-600V, 28-115A
- Centers from 5 to 15mm
- Poles from 2 to 24
- Modular constructions permit inventory flexibility
- 2 to 24 AWG wire range
- 35° wire angle available



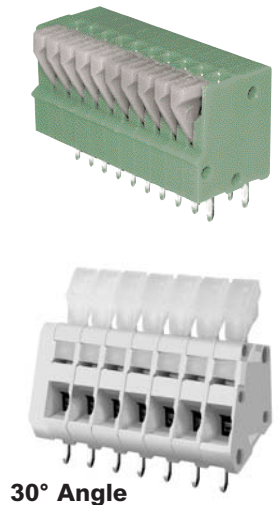
Cage Clamp Blocks

- Economical direct-to-board with cage clamp wire terminals
- Centers from 3.5 to 7.62mm
- Poles from 2 to 24
- Modular constructions permit inventory flexibility
- Ratings: 300V, 8-16A
- 12 to 26 AWG wire range
- 35° and 45° wire angles available



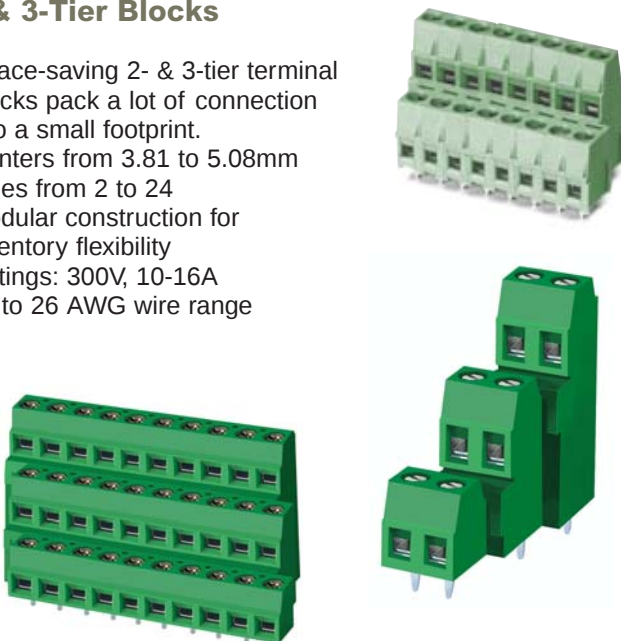
Screwless Blocks

- Speed up assembly, screwless terminal block connections are made with a simple snap of the connector.
- Ratings: 63-300V, 6-10A
- Centers from 2.54 to 10.16mm
- Poles from 2 to 24
- Modular constructions for inventory flexibility
- 14 to 26 AWG wire range
- 30°, 45° and 60° wire angles available



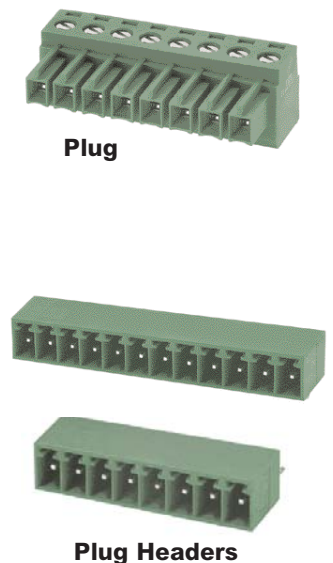
2- & 3-Tier Blocks

- Space-saving 2- & 3-tier terminal blocks pack a lot of connection into a small footprint.
- Centers from 3.81 to 5.08mm
- Poles from 2 to 24
- Modular construction for inventory flexibility
- Ratings: 300V, 10-16A
- 14 to 26 AWG wire range



Pluggable Blocks

- Pluggable terminal blocks add flexibility to assembly procedures, ideal for equipment designs calling for easy removal of circuit boards for testing or service.
- Ratings: 160-300V, 8-16A
- Centers from 3.5 to 7.62mm
- Poles from 2 to 24
- 12 to 26 AWG wire range
- Horizontal or vertical header and plug orientations to meet wire routing demands.



Specifications For full details, see the MAGNUM catalog, Lit Code 7001.

Spring Clamp



Euro-Mag Series	Centers (mm)	Modular	PCB Hole (mm)	# of Poles	Volts	Amps	Wire Range
EM3123	3.5	X	0.055	2-24	300	6	16-26
EM2665	5.0	—	0.055	2-24	300	10	14-22
EM3660	5.0	X	0.055	2-24	250	16	16-24
EM3665	5.0	—	0.055	2-24	300	10	16-22
EM3675	5.0	—	0.055	2-27	300	10	14-26
EM3127	7.5	X	0.055	2-24	300	10	14-22
EM2661	10.0	—	0.055	2-13	300	10	14-26
EM3661	10.0	X	0.055	2-14	300	10	14-26
EM3671	10.0	—	0.055	2-13	300	10	14-26

Cage Clamp



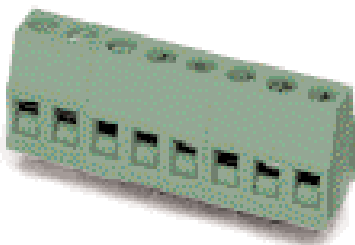
Euro-Mag Series	Centers (mm)	Modular	PCB Hole (mm)	Poles	Volts	Amps	Wire Range	Angle
EM3923	3.5	X	0.055	2-24	300	8	16-26	—
EM3503	3.81	X	0.055	2-24	300	8	16-26	—
EM2585	5.0	X	0.055	2-24	300	16	12-26	—
EM3225	5.0	X	0.055	2-24	300	16	14-24	35°
EM2205	5.0	X	0.055	2-24	300	10	12-24	45°
EM2505	5.08	X	0.055	2-24	300	16	12-26	—
EM3228	5.08	X	0.055	2-24	300	16	14-24	35°
EM2507	7.5	X	0.055	2-24	300	16	14-22	—
EM3227	7.5	X	0.055	2-24	300	16	14-24	35°
EM2506	7.62	X	0.055	2-24	300	16	14-24	—
EM3226	7.62	X	0.055	2-24	300	16	14-24	35°

2- & 3-Tier



Euro-Mag Series	Centers (mm)	Modular	PCB Hole (mm)	Poles	Volts	Amps	Wire Range	Tiers
EM2403	3.81	X	0.055	2-12	300	10	16-26	2
EM2803	3.81	X	0.055	2-12	300	10	16-26	3
EM2445	5.0	X	0.055	2-24	300	16	14-24	2
EM2448	5.08	X	0.055	2-24	300	16	14-24	2
EM2855	5.0	—	1.300	2-6	300	10	14-26	3

High Current

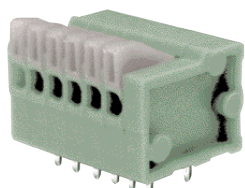
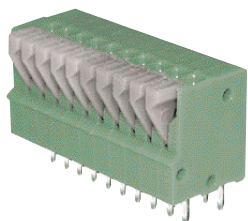


Euro-Mag Series	Centers (mm)	Modular	PCB Hole (mm)	Poles	Volts	Amps	Wire Range	Angle
EM2905	5.0	X	0.055	2-24	250	28	12-24	—
EM2908	5.08	X	0.055	2-24	250	28	12-24	—
EM9126	6.35	X	0.071	2-24	300	30	10-24	—
EM9127	7.5	X	0.071	2-24	300	30	10-24	—
EM9128	7.62	X	0.071	2-24	300	30	10-24	—
EM2909	9.52	X	0.055	2-24	600	30	10-20	35°
EM2919	9.52	X	0.055	2-24	600	30	10-20	—
EM2929	10.16	—	0.055	2-6	600	65	6-20	—
EM2939	15.0	—	0.063	2-6	300*	115	2-20	—
EM3905	5.02	X	0.055	2-24	250	28	12-24	—
EM3908	5.08	X	0.055	2-24	250	28	12-24	—

* 600V with no bottom cover option.

Specifications For full details, see the MAGNUM catalog, Lit Code 7001.

Screwless



Euro-Mag Series	Centers (mm)	Modular	PCB Hole (mm)	Poles	Volts	Amps	Wire Range	Angle
EM2742	2.54	—	0.051	2-16	63	6	20-26	—
EM2783	3.5	—	0.051	2-24	300	2	16-20	45°
EM2802	2.54	—	0.051	2-12	125	4	20-24	30°
EM2785	5.0	X	0.051	2-24	300	7	16-22	45°
EM2778	5.08	X	0.051	2-24	250	10	14-24	—
EM2795	5.08	—	0.051	2-16	300	10	14-24	—
EM2796	7.62	—	0.051	2-16	300	10	14-24	—
EM2791	10.16	—	0.051	2-16	300	10	14-24	—
EM2816	7.62	—	0.051	2-12	300	10	16-22	60°



Plug



Header



Plug & Pin Header

Pluggable

Plug	Block	Centers	Terminal Type	PCB Hole (mm)	Poles	Volts	Amps	Wire Range	Mounting/Lead Orientation
EM3533	EM2221	3.5	Cage	—	2-14	300	8	16-26	Vertical
		3.5	—	0.051	2-14	300	8	—	Vert/Horz
EM2413	EM2201	3.5	Cage	—	2-12	300	8	16-26	Vertical
		3.5	—	0.051	2-12	300	8	—	Vert/Horz
EM3553	EM3593	3.81	Cage	—	2-12	300	8	18-20	Vertical
EM3543		3.81	Cage	—	2-12	300	8	16-24	Horizontal
EM3583		3.81	IDC	—	2-12	300	6	20-22	Horizontal
		3.81	—	0.051	2-12	300	6	—	Vert/Horz
EM2423	EM2211	3.81	Cage	—	2-12	300	8	16-26	Vertical
EM2443		3.81	Cage	—	2-12	300	10	16-24	Horizontal
		3.81	—	0.051	2-14	300	8	—	Vert/Horz
EM2525	EM2535	5.0	Cage	—	2-24	300	16	12-26	Vertical
EM2485		5.0	Cage	—	2-8	300	16	14-24	Horizontal
EM3105		5.0	Cage	—	2-12	300	16	14-24	Vertical
		5.0	—	0.055	2-24	300	16	—	Vert/Horz
EM2565	EM2575	5.08	Cage	—	2-24	300	16	12-26	Vert/Horz
EM2488		5.08	Cage	—	2-8	300	16	14-24	Horizontal
EM3108		5.08	Cage	—	2-24	300	16	14-24	Vertical
		5.08	—	0.055	2-24	300	16	—	Vert/Horz
EM2115	EM2215	5.0	Cage	—	2-22	300	16	14-24	Vert/Horz
EM3115		5.0	Cage	—	2-22	300	16	14-24	Vertical
		5.0	—	0.055	2-22	300	16	—	Vert/Horz
EM2118	EM2218	5.08	Cage	—	2-22	300	16	14-24	Vert/Horz
EM3118		5.08	Cage	—	2-22	300	16	14-24	Vertical
		5.08	—	0.055	2-22	300	12	—	Vert/Horz
EM3516	EM3526	7.62	Cage	—	2-12	300	16	14-24	Horizontal
		7.62	—	0.059	2-24	300	16	—	Vert/Horz
EM2416	EM2426	7.62	Cage	—	2-12	300	16	14-24	Vertical
		7.62	—	0.059	2-12	300	16	—	Vert/Horz
EM5015	EM5025	5.0	Spring	—	2-24	300	15	16-24	Vert/Horz
		5.0	—	0.053	2-24	300	15	—	Vertical
EM5035	EM5045	5.0	Spring	—	2-24	160	10	16-24	Horizontal
		5.0	—	0.047	2-24	160	10	—	Vertical