

EM2403 Series EuroMag Terminal Blocks

Two Tier; 3.81 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.150" (3.81mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Modular design features dovetails for interlocking to achieve longer lengths

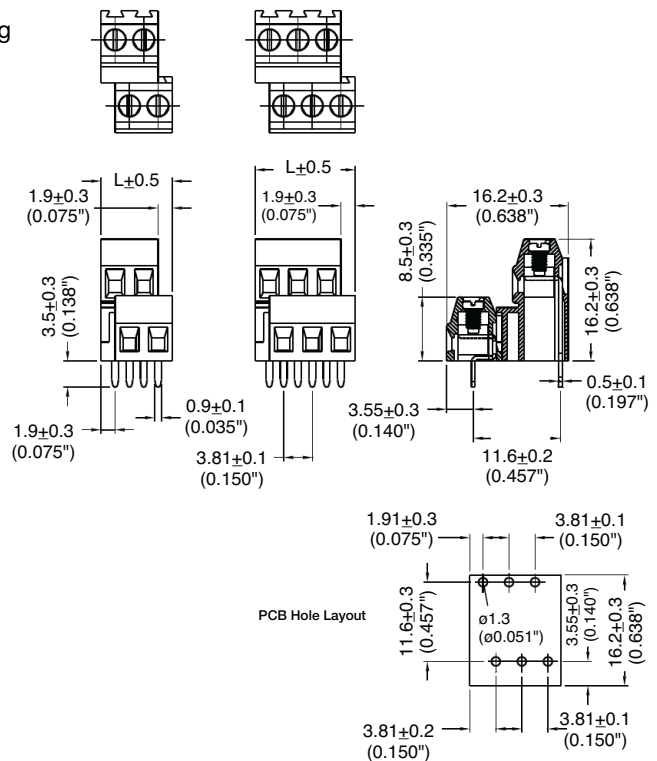
Agency Information: File E62622; CE Certified



EM240308

EM240304

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	9.53	8	32.39
3	13.34	9	36.20
4	17.15	10	40.00
5	20.96	11	43.80
6	24.77	12	47.60
7	28.58		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2403

02 - 12

Terminal Blocks:
Single Row

EuroMag Series
Two & Three Tier

Edge Connectors,
One-Sided Boards

Compliance
References

EM2803 Series
EuroMag Terminal Blocks
 Three Tier; 3.81 Centers; Modular

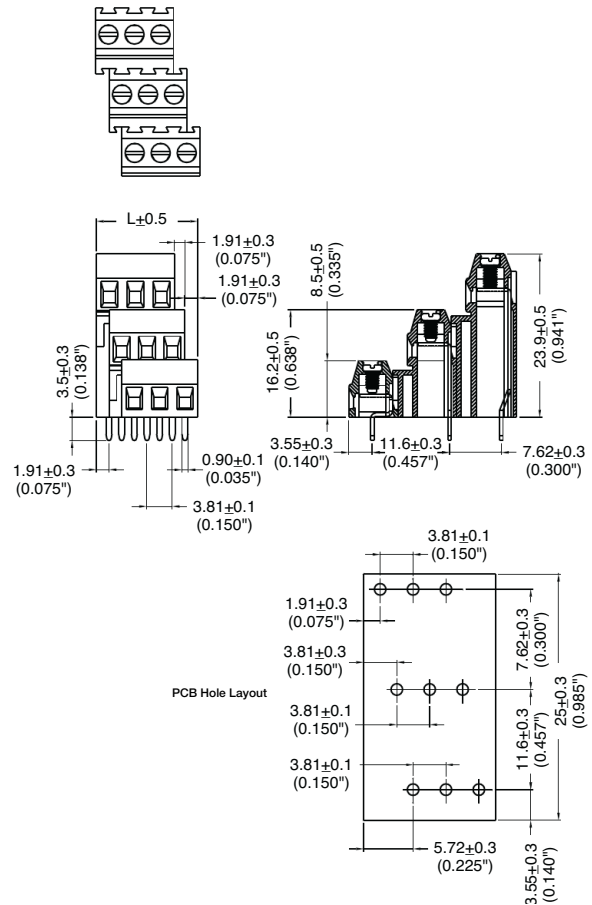
SPECIFICATIONS

- Rating:** 10A, 300V
- Center Spacing:** 0.150" (3.81mm)
- Wire Range:** #16-26 AWG
- Housing Material:** UL rated 94V0 Thermoplastic
- Contact Material:** Brass Tin-Plated
- Cage Material:** Brass, Nickel-Plated
- Screw Size:** M2.0 Zinc-Plated Steel
- Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.
- Torque Rating:** 2.0 lb-in.
- Recommended PCB Hole Diameters:** 0.055" (1.40mm)
- Construction:** Modular design features dovetails for interlocking to achieve longer lengths
- Agency Information:** e US File E62622; CE Certified



EM280302

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	11.43	8	34.29
3	15.24	9	38.10
4	19.05	10	41.90
5	22.86	11	45.70
6	26.67	12	49.50
7	30.48		

To convert to inches, divide by 25.4

Part Numbering System

Series # of Poles

EM2803

02 - 12

Terminal Blocks:
Single Row

EuroMag Series
Two & Three Tier

Edge Connectors,
One-Sided Boards

Compliance
References

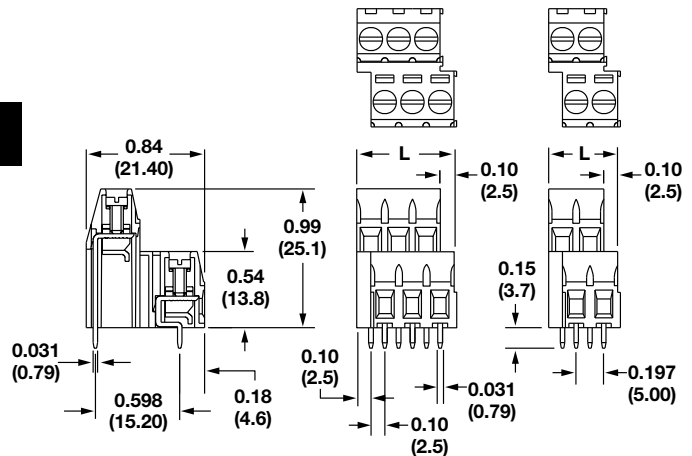
EM2445 Series
EuroMag Terminal Blocks
 Two Tier; 5.00 Centers; Modular

SPECIFICATIONS

- Rating:** 16A, 300V
- Center Spacing:** 0.197" (5.00mm)
- Wire Range:** #12-26 AWG
- Housing Material:** UL rated 94V0 Thermoplastic
- Contact Material:** Tin Plated Brass
- Screw Size:** M2.6 Zinc-Plated Steel
- Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.
- Torque Rating:** 5.0 lb-in.
- Recommended PCB Hole Diameters:** 0.055" (1.40mm)
- Construction:** Modular design features dovetails for interlocking to achieve longer lengths
- Connector Style:** Rising Cage and Screw
- Agency Information:** File E62622; CE Certified



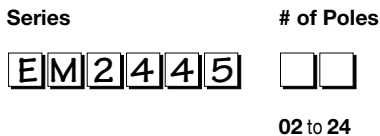
Dimensions - in (mm)



Poles	L (mm)	Poles	L (mm)
2	12.5	13	67.5
3	17.5	14	72.5
4	22.5	15	77.5
5	27.5	16	82.5
6	32.5	17	87.5
7	37.5	18	92.5
8	42.5	19	97.5
9	47.5	20	102.5
10	52.5	21	107.5
11	57.5	22	112.5
12	62.5	23	117.5
		24	122.5

To convert to inches, divide by 25.4

Part Numbering System



Terminal Blocks:
 Single Row

EuroMag Series
 Two & Three Tier

Edge Connectors,
 One-Sided Boards

Compliance
 References

EM2448 Series
EuroMag Terminal Blocks

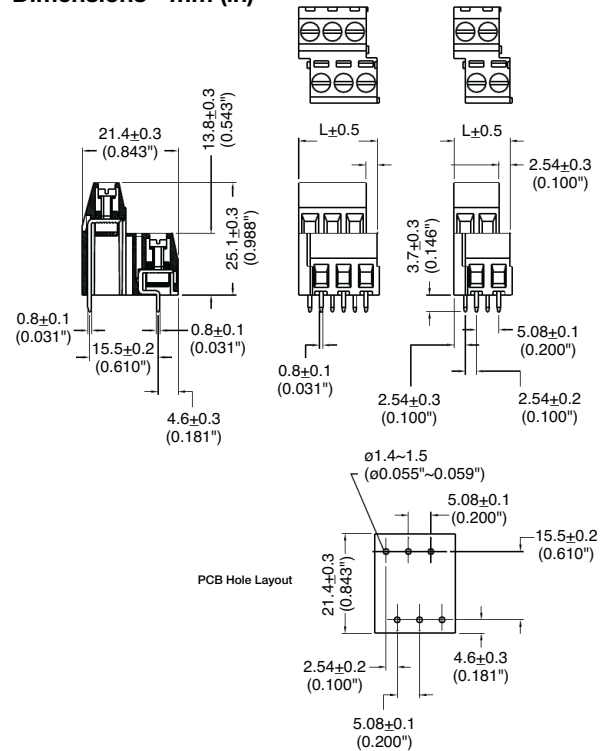
Two Tier; 5.08 Centers; Modular

SPECIFICATIONS

- Rating:** 16A, 300V
- Center Spacing:** 0.20" (5.08mm)
- Wire Range:** #12-26 AWG
- Housing Material:** UL rated 94V0 Thermoplastic
- Contact Material:** Brass Tin-Plated
- Cage Material:** Brass, Nickel-Plated
- Screw Size:** M2.6 Zinc-Plated Steel
- Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.
- Torque Rating:** 5.0 lb-in.
- Recommended PCB Hole Diameters:** 0.055" (1.40mm)
- Construction:** Modular design features dovetails for interlocking to achieve longer lengths
- Agency Information:** File E62622; CE Certified



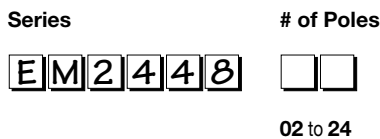
Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4

Part Numbering System



Terminal Blocks: Single Row

EuroMag Series Two & Three Tier

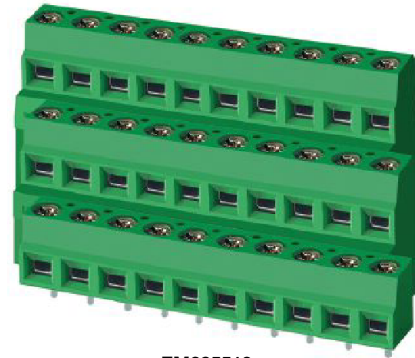
Edge Connectors, One-Sided Boards

Compliance References

EM2855 Series
EuroMag Terminal Blocks
 Three Tier; 5.00 Centers

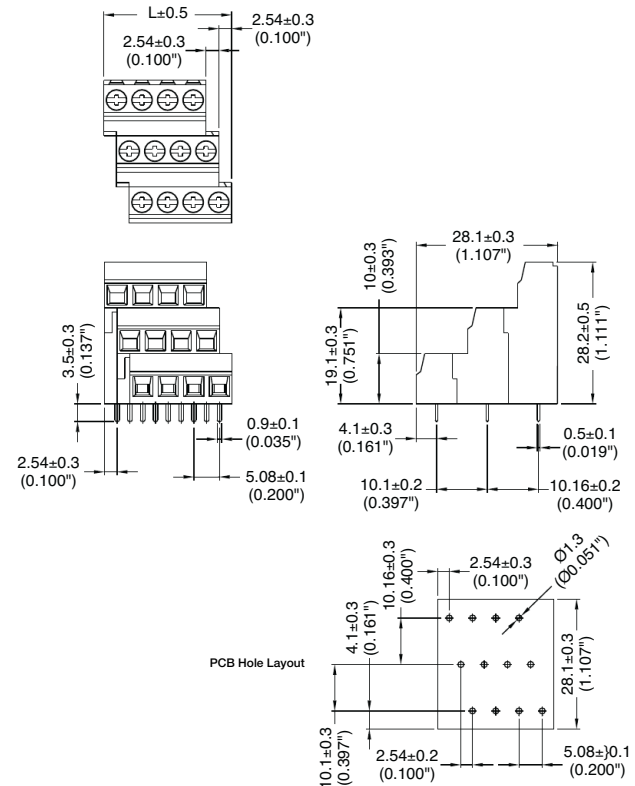
SPECIFICATIONS

- Rating:** 16A, 300V
- Center Spacing:** 0.197" (5.00mm)
- Wire Range:** #14-26 AWG
- Housing Material:** UL rated 94V0 Thermoplastic
- Contact Material:** Brass Tin-Plated
- Cage Material:** Brass Nickel-Plated
- Screw Size:** M2.6 Zinc-Plated Steel
- Operating Temperature:** 105°C max., -55°C min.
- Torque Rating:** 4.5 lb-in
- Recommended PCB Hole Diameters:** 1.30mm (0.051")
- Construction:** Mold-to-Length
- Agency Information:** File E62622; CE Certified



EM285510

Dimensions - mm (in)



Poles	L (mm)
2	12.5
3	17.5
4	22.5
5	27.5
6	32.5

To convert to inches, divide by 25.4

Part Numbering System

Series # of Poles

EM2855

02 to 06

Terminal Blocks:
 Single Row

EuroMag Series
 Two & Three Tier

Edge Connectors,
 One-Sided Boards

Compliance
 References

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[EM240304](#) [EM240303](#)