

MAGNUM



Connect
with
Magnum

Product Catalog

Make Wire Connections Simple and Fast

COOPER Bussmann



Connect with Magnum

Proven Products for Demanding Applications

For over 50 years, the Magnum name has stood for proven products, custom solutions, quality commitment and superior service – core strengths that help build long-term relationships with our customers.

Magnum quality products support a broad range of electronic and electrical OEM applications. Our product line offers the most comprehensive selection of barrier-style terminal blocks in the industry – as well as:

- North American-style terminal blocks — single row, double row and tri-barrier
- European-style terminal blocks — PCB mount (spring, cage, tiered, high current), screwless, and pluggable
- Power distribution blocks — barrier and dead front, splicer, stud type, multi-line, and power blocks
- Rail and base mount terminal blocks
- DIN rail sectional blocks
- Junction blocks — stud type and feed through
- Edge connectors — vertical and right angle mount

Electronic: Our electronic products, including PCB mountable North American and Euro-Mag® terminal blocks, are found in a variety of demanding applications:

- Industrial and environmental controls
- Instrumentation
- Security and alarm systems
- Traffic signals and controls
- Telecom
- Process logic control (PLC)
- Test and measurement
- Power supplies
- Elevators and conveyors



European-Style PCB Terminal Blocks: Magnum Euro-Mag® blocks come in a variety

of terminal options to make connections easy and in different wire-entry orientations to solve wire routing issues. These high high-current terminal blocks handle up to 115 amps right on the circuit board and are available in mold-to-length designs to provide the exact number of poles for a specific application.

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Series A5000 & Series CB5000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: 10A, 300V*

Center Spacing: 0.250" (6.35mm)

Wire Range: #18-30 AWG CU

Screw Size: #3-48 zinc-plated phillslot SEMS screws, wire-ready standard

Torque Rating: 4 lb-in.

Distance Between Barriers: 0.20" (5.08mm)

Recommended PCB Hole Diameter: 0.062" (1.57mm)

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

(-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V rms

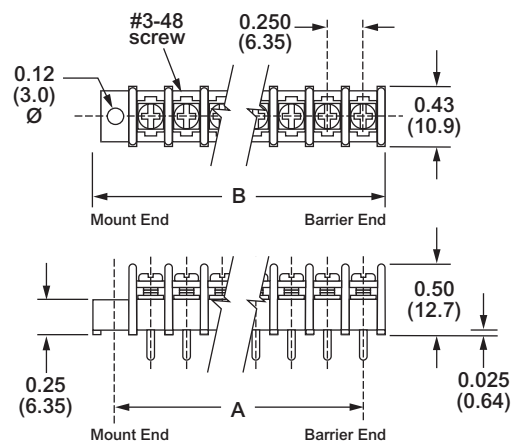
Agency Information: UL File E62622; CE Certified

* Max. rating shown; some options may be rated lower – consult factory.

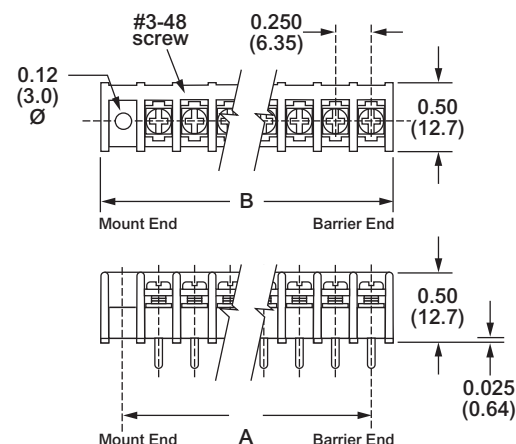


Dimensions - in (mm)

A5000 Series



CB5000 Series



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Poles	MOUNTING ENDS		BARRIER ENDS	
	A Mount Centers	B Overall Length	A Pole Centers	B Overall Length
02	0.75	1.06	0.25	0.56
03	1.00	1.31	0.50	0.81
04	1.25	1.56	0.75	1.06
05	1.50	1.81	1.00	1.31
06	1.75	2.06	1.25	1.56
07	2.00	2.31	1.50	1.81
08	2.25	2.56	1.75	2.06
09	2.50	2.81	2.00	2.31
10	2.75	3.06	2.25	2.56
11	3.00	3.31	2.50	2.81
12	3.25	3.56	2.75	3.06
13	3.50	3.81	3.00	3.31
14	3.75	4.06	3.25	3.56
15	4.00	4.31	3.50	3.81
16	4.25	4.56	3.75	4.06
17	4.50	4.81	4.00	4.31
18	4.75	5.06	4.25	4.56
19	5.00	5.31	4.50	4.81
20	5.25	5.56	4.75	5.06
21	5.50	5.81	5.00	5.31
22	5.75	6.06	5.25	5.56
23	6.00	6.31	5.50	5.81
24	6.25	6.56	5.75	6.06
25	6.50	6.81	6.00	6.31
26	6.75	7.06	6.25	6.56
27	7.00	7.31	6.50	6.81
28	7.25	7.56	6.75	7.06
29	—	—	7.00	7.31
30	—	—	7.25	7.56

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A5 CB5					
A5 - standard barrier CB5 - closed back	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail	1 - mount end 2 - barrier end	02 to 30 02 to 28 on mount end base	07 - steel SEMS std. wire ready	C1 to C8 - 0.110" QC L1 to L6 marking options (pg 22) LT1 to LT6 marking options (CB5 only-pg 22) MP - mounting plate 0.120" dia *OJ - over barrier jumper S1 - single solder lug/flat S2 - double solder lug/flat (A5 only) *Contact factory for configuration

Terminal Styles

Inches (Millimeters)

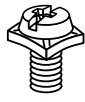


CB5 Terminal Exit Options

Inches (Millimeters)



Screw Options Wire ready screws standard on all terminal styles (Bulk ordering part numbers are in parentheses.)



07
Steel SEMS
Zinc-Plated
(B001-7035-J)



07
Standard
Wire Ready

Hardware Options (Bulk ordering part numbers are in parentheses.)

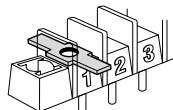
Inches (Millimeters)

Jumpers

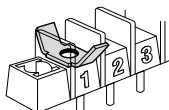


(OJ12-J)

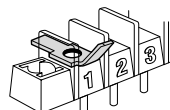
Quick Connects Blade Width 0.110" (For other orientations, contact factory.)



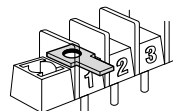
(5C1-J)*



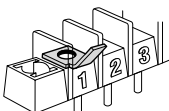
(5C2-J)*



(5C4-J)*



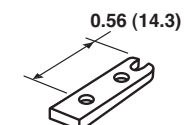
C7 (5C7-J)



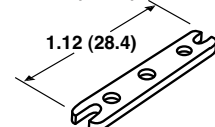
C8 (5C8-J)

* N/A on CB5 Series.

Solder Lugs



S1 (5S1-J)



S2 (5S2-J)

Series A1000 & Series CB1000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: 20A, 250V*

Center Spacing: 0.325" (8.26mm)

Wire Range: #14-22 AWG CU

Screw Size: #6-32 zinc-plated phillot wire-ready screws with a #2 driving recess.

Torque Rating: 9 lb-in.

Base: Standoffs are standard on CB1000 Series for easy flux washing.

Distance Between Barriers: 0.26" (6.6mm)

Recommended PCB Hole Diameter: 0.070" (1.78mm)

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

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V

Agency Information: UL/CSA; IEC Compliance;

CE Certified; UL File: E62622, CSA File: 15364

*General industrial applications



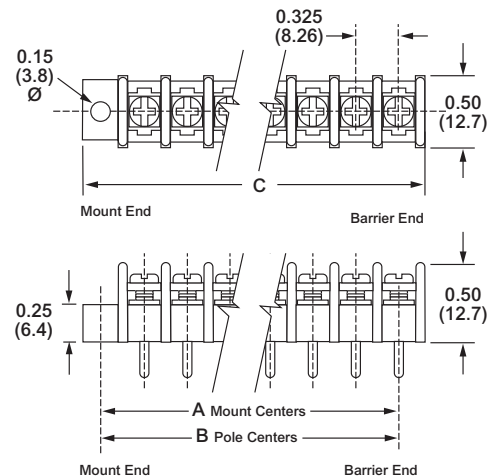
CB10210707



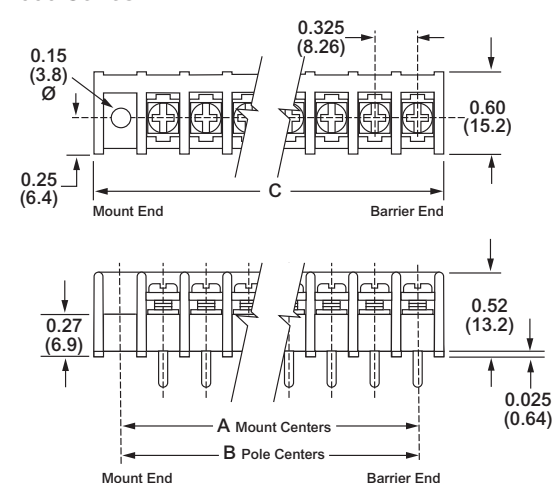
A102206

Dimensions - in (mm)

A1000 Series



CB1000 Series



Poles	MOUNTING ENDS ONLY A Mount Ctrs.	C Length	BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
02	0.98	1.37	0.33	0.72
03	1.30	1.69	0.65	1.04
04	1.63	2.02	0.98	1.37
05	1.95	2.34	1.30	1.69
06	2.28	2.67	1.63	2.02
07	2.60	2.99	1.95	2.34
08	2.93	3.32	2.28	2.67
09	3.25	3.64	2.60	2.99
10	3.58	3.97	2.93	3.32
11	3.90	4.29	3.25	3.64
12	4.23	4.62	3.58	3.97
13	4.55	4.94	3.90	4.29
14	4.88	5.27	4.23	4.62
15	5.20	5.59	4.55	4.94
16	5.53	5.92	4.88	5.27
17	5.85	6.24	5.20	5.59
18	6.18	6.57	5.53	5.92
19	6.50	6.89	5.85	6.24
20	6.83	7.22	6.18	6.57
21	7.15	7.54	6.50	6.89
22	7.48	7.87	6.83	7.22
23	7.80	8.19	7.15	7.54
24	8.13	8.52	7.48	7.87
25	8.45	8.84	7.80	8.19
26	8.78	9.17	8.13	8.52
27	9.10	9.49	8.45	8.84
28	9.43	9.82	8.78	9.17
29	9.75	10.14	9.10	9.49
30	10.08	10.47	9.43	9.82
31	10.40	10.79	9.75	10.14
32	10.73	11.12	10.08	10.47
33	11.05	11.44	10.40	10.79
34	11.38	11.77	10.73	11.12
35	-	-	11.05	11.44
36	-	-	11.38	11.77

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

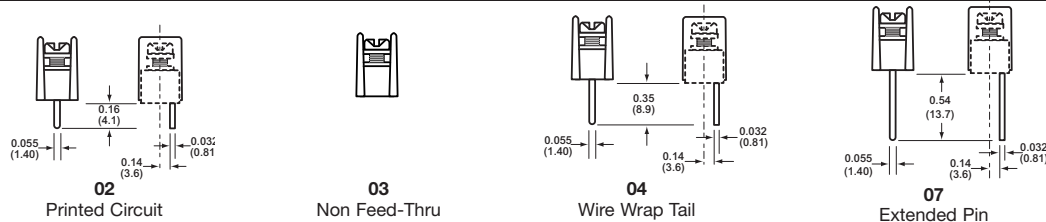
Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A1					
CB1					
A1 - standard barrier CB1 - closed back	02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 07 - extended pin	1 - mount end 2 - barrier end	02 to 36 02 to 34 on mount end base	Blank - std. screws 03 - stainless steel 04 - nickel brass 07 - steel SEMS & washer (not available with hardware options) 09 - brass/nickel-plated SEMS CA - standard captive screw	AB & DR - angle mts. (A1 only-pg 5) B1 to B9 - 0.187" QC (all positions) EB - exit back terminals on CB1 w/07 screw option only †JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) LT1 to LT6 marking options (CB1 only-pg 22) MP & MT - mounting plates 0.150 dia (pg 5) R26 & R45 - right angle bends (A1 only-pg 5)

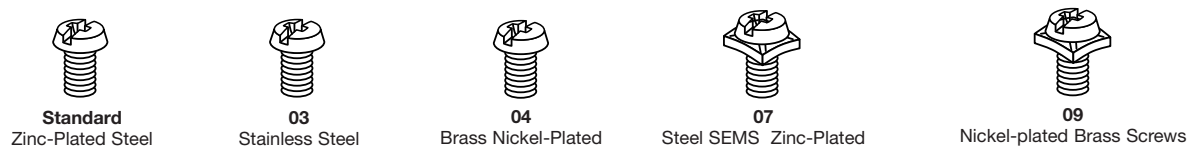
Covers - (pg 23)

Terminal Styles

Inches (Millimeters)



Screw Options Wire ready screws standard on all terminal styles



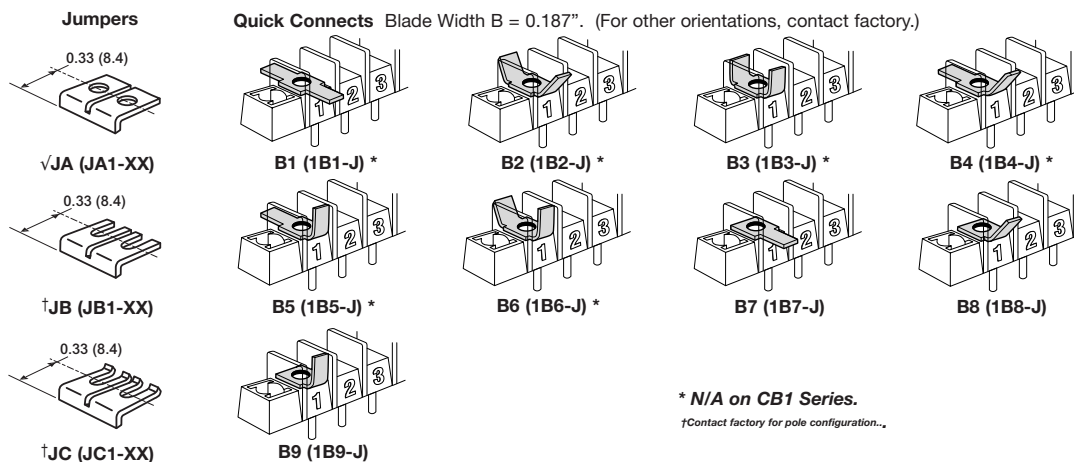
CB1 Terminal Exit Options

Inches (Millimeters)



Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)



* N/A on CB1 Series.

†Contact factory for pole configuration...

Series A1000 & CB1000

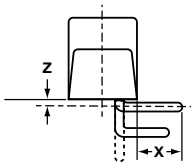
Single Row Terminal Blocks *Continued*

Mounting Options

Inches (Millimeters)

Right Angle Bends (A1 only)

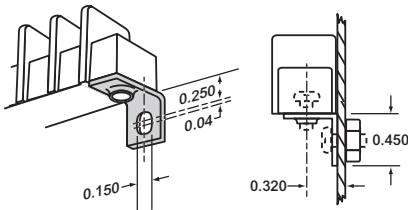
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.



Bend Option Code	X (minimum)	Z
R26 (04 terminal only)	0.14 (3.5)	0.09 (2.3)
R45 (07 terminal only)	0.33 (8.4)	0.09 (2.3)

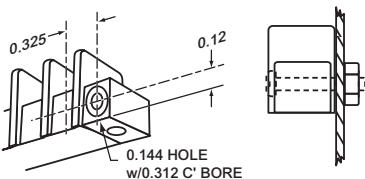
Dimensions in inches. To convert to millimeters, multiply by 25.4.

Angle Brackets (A1 only)



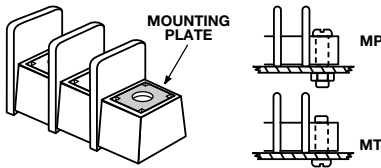
Option AB
Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **1AB-J**.

Drilled Right Angle (A1 only)



Option DR
Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

Mounting Plates



Options MP & MT
MP Metal inserts with 0.150" (3.8) dia. hole accept #6 screw. **MT** Metal inserts with tapped hole accept #6-32 screw. Bulk part numbers **1MP-J** & **1MT-J**.

Series A2000, LP2000 & CB2000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: A2: 30A, 300V*

LP2: 30A, 150V*

CB2: 30A, 300V*

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #12-22 AWG CU

Screw Size: #6-32 zinc-plated phillslot

Torque Rating: 9 lb-in.

Base: Standoffs standard for easy flux washing

Distance Between Barriers: 0.32" (8.1mm)

Recommended PCB Hole Diameter: 0.076" (1.93mm)

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

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 3400V (A2 & LP2); 4100V (CB2).

Agency Information: UL File E62622, CSA File 47235;

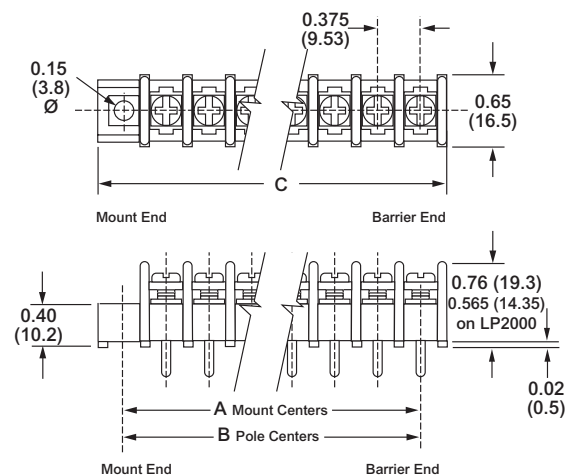
IEC Compliance; CE Certified

*30A Rating achieved with a #10 copper wire crimped to a ring terminal.;
20A Rating without ring terminal.

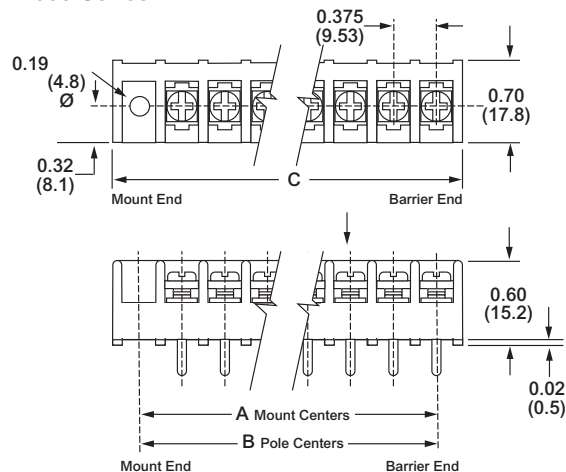


Dimensions - in (mm)

A2000 & LP2000 Series



CB2000 Series



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.13	1.56	0.38	0.81
03	1.50	1.93	0.75	1.18
04	1.88	2.30	1.13	1.56
05	2.25	2.68	1.50	1.93
06	2.63	3.06	1.88	2.31
07	3.00	3.43	2.25	2.68
08	3.38	3.81	2.63	3.06
09	3.75	4.18	3.00	3.43
10	4.13	4.56	3.38	3.81
11	4.50	4.93	3.75	4.18
12	4.88	5.31	4.13	4.56
13	5.25	5.69	4.50	4.93
14	5.63	6.06	4.88	5.31
15	6.00	6.43	5.25	5.68
16	6.38	6.81	5.63	6.06
17	6.75	7.18	6.00	6.43
18	7.13	7.56	6.38	6.81
19	7.50	7.93	6.75	7.18
20	7.88	8.31	7.13	7.56
21	8.25	8.68	7.50	7.93
22	8.63	9.06	7.88	8.31
23	9.00	9.43	8.25	8.68
24	9.38	9.81	8.63	9.06
25	9.75	10.18	9.00	9.43
26	10.13	10.56	9.38	9.81
27	10.50	10.93	9.75	10.18
28	10.88	11.31	10.13	10.55
29	11.25	11.68	10.50	10.93
30	11.63	12.05	10.88	11.31
31	-	-	11.25	11.68
32	-	-	11.63	12.05

Series A2000 & LP2000

Single Row Terminal Blocks

Part Numbering System

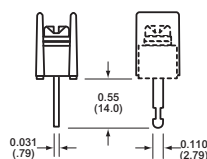
Series	Terminal Style	Base/End	Poles	Screw Options	Options
A2					
LP2					
A2 - standard barrier LP2 - low profile barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 05 - extended handwired 06 - handwired 07 - extended pin 08 - printed circuit 09 - 0.250" QC short 10 - 0.187" QC 14 - printed circuit 19 - 0.250" QC long	0 - flat base/molded mount end 1 - flat base/mnt. end 2 - flat base/barrier end 3 - insulator base/mnt. end 4 - insulator base/barrier end 5 - closed base/mount end 6 - closed base/molded mount end 9 - insulator base/molded mount end	02 to 32 02 to 30 on mount end base	Blank - std. screw 00 - screws shipped bulk 03 - stainless steel 04 - brass nickel-plated 07 - steel SEMS (not available with hardware options) 09 - brass SEMS nickel-plated (not available with hardware options) CA - captive screw WR - wire ready (not available on LP2 series)	AB - angle mnt. options (pg 9) A1 to A9 - 0.250" QC B1 to B9 - 0.187" QC DR - drilled right angle (pg 9) †JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) MP, MP8 & MT mounting plates (pg 9) †OJ2 & OJ4 - over barrier jumpers (not available w/covers) RC - retaining clips (pg 9) R30 to R77 - right angle bends (pg 9) SO - stand off insulators (pg 9) S1 - solder lug/flat Covers - (pg 23)

Base/End Note: 0, 6, 9 styles not available with covers. 5 & 6 Styles only available with 03 terminals.

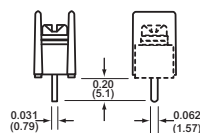
†Contact factory for configuration..

Terminal Styles

Inches (Millimeters)



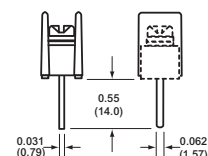
01
Handwired



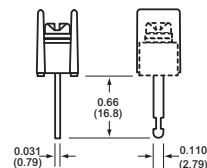
02
Printed Circuit



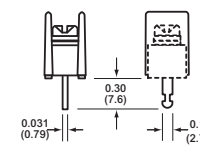
03
Non Feed-Thru



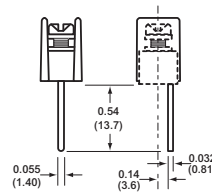
04
Wire Wrap Tail



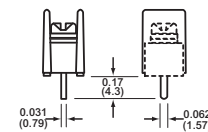
05
Extended Handwired



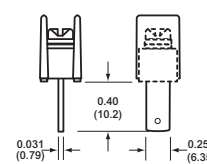
06
Handwired



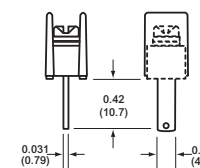
07
Extended Pin



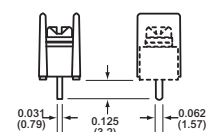
08
Printed Circuit



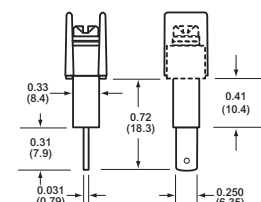
09
0.250" QC short



10
0.187" QC



14
Printed Circuit



19
√0.250" QC long

Series A2000 & LP2000

Single Row Terminal Blocks *Continued*

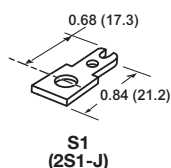
Screw Options

					
Standard zinc-plated Steel	03 Stainless Steel	04 Brass Nickel-Plated	07 Steel SEMS	09 Brass SEMS Nickel-Plated	WR Wire Ready

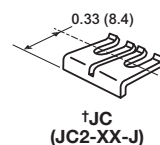
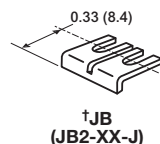
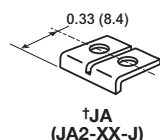
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

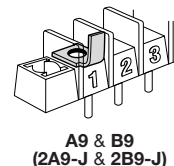
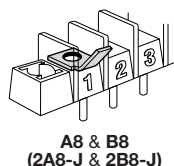
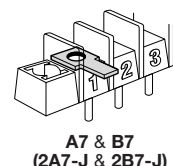
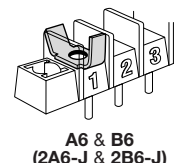
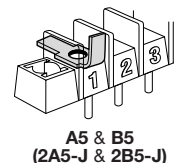
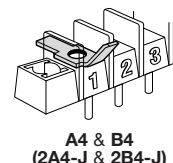
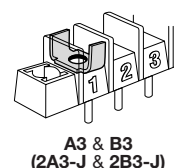
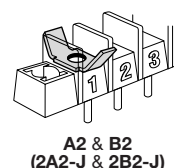
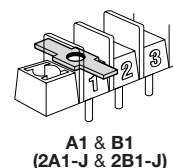


Jumpers



Quick Connects

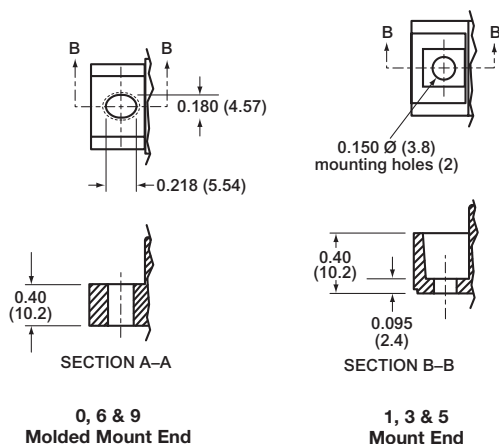
Blade Width A = 0.250" Blade Width B = 0.187"



†Contact factory for configuration.

Base/End Options

Inches (Millimeters)



Series A2000 & LP2000

Single Row Terminal Blocks *Continued*

Mounting Options

Right Angle Bends (A2, LP2 only)

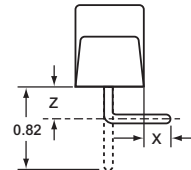
Right angle terminals are offered on the A2000 & LP2000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.

04 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.28	No
R35	0.01	0.23	No
R36	0.02	0.22	No
R39	0.05	0.19	No
R42	0.08	0.16	No
R46	0.12	0.12	No
R48	0.14	0.10	No
R50	0.16	0.08	No

07 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.55	Yes
R35	0.01	0.50	Yes
R36	0.02	0.49	Yes
R42	0.08	0.43	Yes
R46	0.12	0.39	Yes
R50	0.16	0.35	No
R53	0.19	0.32	No
R66	0.32	0.19	No
R69	0.35	0.16	No
R75	0.41	0.10	No
R77	0.43	0.08	No

Dimensions in inches. To convert to millimeters, multiply by 25.4.

Angle Brackets (A2, LP2 only)



Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **2AB-J**.

Drilled Right Angle (A2, LP2 only)



Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

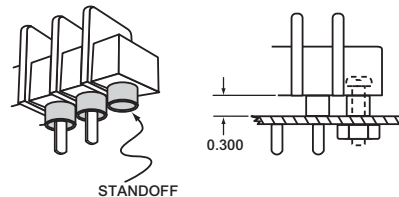
Mounting Plates



Options MP, MP8 & MT

MP Metal inserts with 0.150" dia. hole accept #6 screw. **MP8** Metal inserts with 0.187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

Standoffs



Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

Retaining Clip



Option RC

Use on standoff tubes. Fit panels up to 0.125" thick. Two clips for every five positions. Supplied unassembled. Bulk part number **H541-J**.

Series CB2000

Single Row Terminal Blocks

Part Numbering System

Series	Terminal Style	Base/End	Poles	Screws	Options
CB2 - closed back	01 - handwired 02 - printed circuit 03 - non feed-thru 07 - extended pin 14 - printed circuit 22 - dual tail printed circuit	1 - mount end 2 - barrier end	02 to 32 02 to 30 on mount end base	03 - stainless steel 04 - brass nickel-plated 07 - steel SEMS standard 09 - brass SEMS nickel-plated CA - captive screw 07CA - SEMS captive	*AB - angle mounting brackets (pg 11) A7 to A9 - 0.250" QC B7 to B9 - 0.187" QC EB - exit back terminals EF - exit front terminals †JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) LT1 to LT6 marking options (pg 22) †OJ2 & OJ4 - over barrier jumpers MP, MP8, MT & MT8 mtg. plates (pg 11) S1 - solder lug/flat

*Only available on 3-poles and up.
 †Contact factory for configuration.

Terminal Styles

Inches (Millimeters)



Screw Options (Bulk ordering part numbers are in parentheses.)



* NOTE: Wire ready screws standard on all terminal styles.

CB2 Terminal Exit Options

Inches (Millimeters)



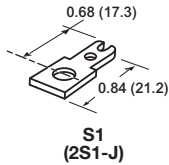
Series CB2000

Single Row Terminal Blocks

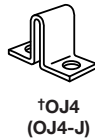
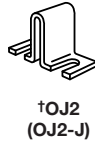
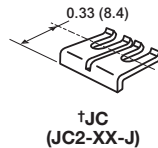
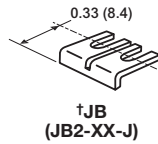
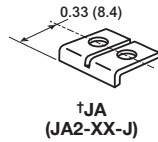
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

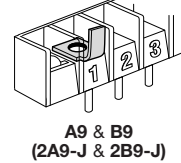
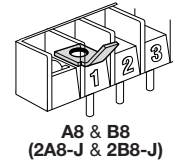
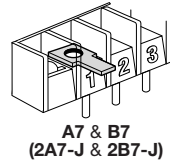


Jumpers



Quick Connects

Blade Width A = 0.250". Blade Width B = 0.187".

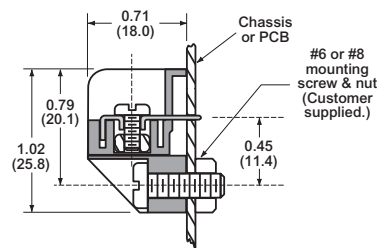
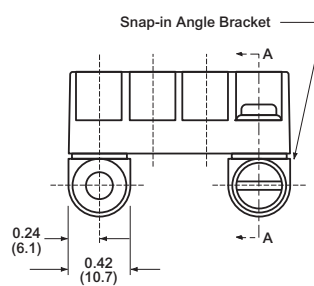
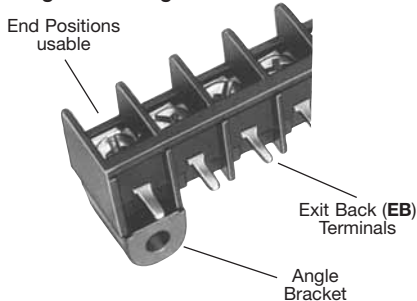


†Contact factory for configuration.

Mounting Options

Inches (Millimeters)

Right Angle Mounting Bracket

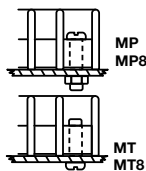
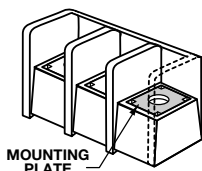


Option AB

Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

Mounting Plates



Options MP, MP8, MT & MT8

MP Metal inserts with 0.150" dia. hole accept #6 screw.

MP8 Metal inserts with 0.187" dia. hole accept #8-32 screw.

MT Metal inserts with tapped hole accept #6-32 screw.

MT8 Metal inserts with tapped hole accept #8-32 screw.

Series A3000, LP3000 & CB3000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: A3: 30A, 600V* #12-22 AWG
 LP3: 30A, 150V #12-22 AWG
 CB3: 30A, 600V #12-22 AWG

Wire Range: #12-22 AWG CU

Center Spacing: 0.437" or 7/16" (11.10mm)

Screw Size: #6-32 zinc-plated phillips screws.

Torque Rating: 9 lb-in.

Base: Standoffs standard for easy flux washing.

Distance Between Barriers: 0.32" (8.1mm)

Recommended PCB Hole Diameter: 0.076" (1.93mm)

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

(-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 3500V (A3 & LP3); 8200V (CB3)

Agency Information: UL File E62622, CSA 47235;

IEC Compliance, CE Certified

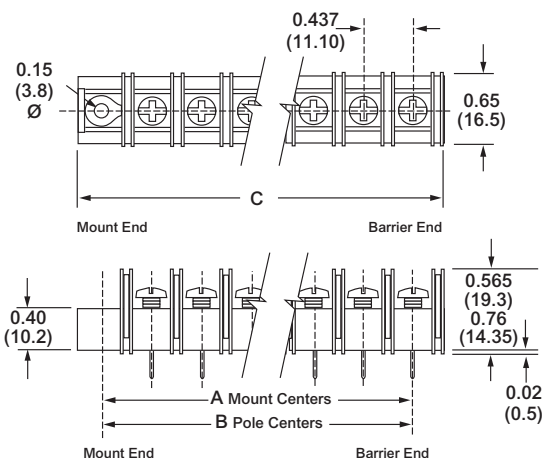
A31940707WR

LP301105

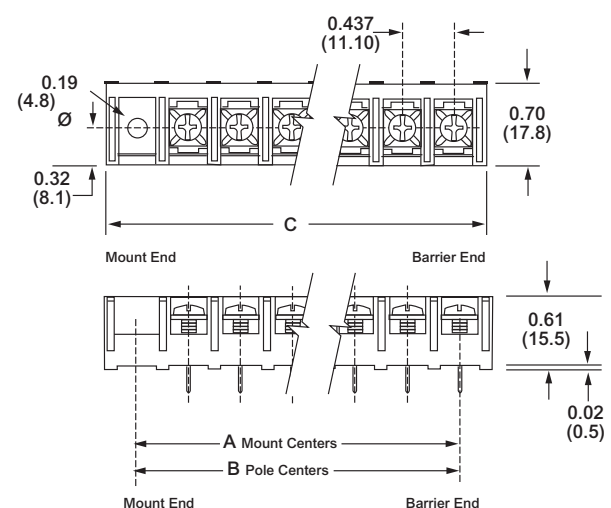
CB31420807

Dimensions - in (mm)

A3000 & LP3000 Series



CB3000 Series



*30A Rating achieved with a #10 copper wire crimped to a ring terminal;
 20 Rating without ring terminal.

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.31	1.73	0.43	0.98
03	1.75	2.17	0.87	1.43
04	2.18	2.61	1.31	1.87
05	2.62	3.05	1.75	2.31
06	3.06	3.48	2.18	2.75
07	3.50	3.92	2.62	3.18
08	3.93	4.36	3.06	3.62
09	4.37	4.80	3.50	4.06
10	4.81	5.23	3.93	4.50
11	5.25	5.67	4.37	4.93
12	5.68	6.11	4.81	5.37
13	6.12	6.55	5.25	5.81
14	6.56	6.98	5.68	6.25
15	7.00	7.42	6.12	6.68
16	7.43	7.86	6.56	7.12
17	7.87	8.30	7.00	7.56
18	8.31	8.73	7.43	8.00
19	8.75	9.17	7.87	8.43
20	9.18	9.60	8.31	8.87
21	9.62	10.05	8.50	9.31
22	10.06	10.48	9.18	9.75
23	10.50	10.92	9.62	10.18
24	10.93	11.36	10.06	10.62
25	11.37	11.80	10.50	11.06
26	11.81	12.23	10.93	11.50
27	-	-	11.37	11.93
28	-	-	11.81	12.37

Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series A3000 & LP3000

Single Row Terminal Blocks

Part Numbering System

Series	Terminal Style	Base/End (Views pg. 15)	Poles	Screw Options	Options
A3 LP3					
A3 - standard barrier LP3 - low profile barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 05 - extended handwired 06 - handwired 07 - extended pin 08 - printed circuit 09 - 0.250 QC short 10 - 0.187 QC 14 - printed circuit 19 - 0.250 QC long	1 - flat base/mnt. end 2 - flat base/barrier end 3 - insulator base/mnt. end 4 - insulator base/barrier end *5 - closed base/mount end	02 to 28 02 to 26 on mount end base	Blank - std. screw 00 - screws shipped bulk 03 - stainless steel 04 - brass nickel-plated 07 - steel SEMS zinc-plated (not available with hardware options) 09 - brass SEMS nickel-plated (not available with hardware options) 07WR - steel SEMS wire ready (A3 only) CA - captive screw	AB - angle mnt. options (pg 15) A1 to A9 - 0.250" QC B1 to B9 - 0.187" QC DR - drilled right angle (pg 15) †J201 - flat slip-on jumper L1 to L6 marking options (pg 22) MP, MP8 & MT mounting plates (pg 15) †OJ3, OJ5 & OJ7 - over barrier jumpers RC - retaining clips (pg 15) R30 to R77 - right angle bends (pg 15) SO - stand off insulators (pg 15) S1 - solder lug/flat

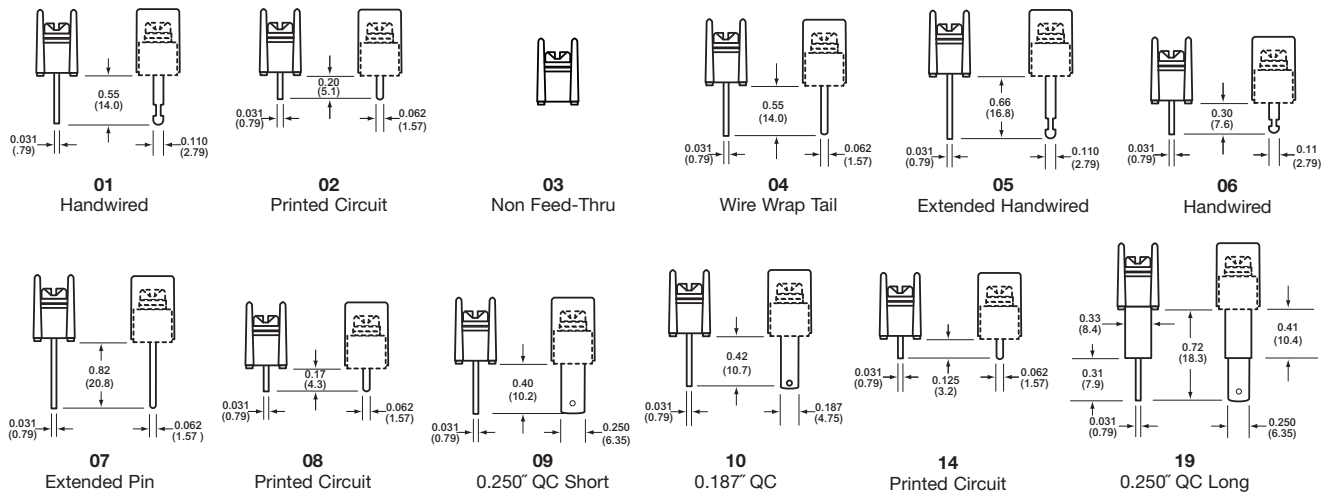
*Base/End Note: 5 Style only available with 03 terminals.

ready (A3 only)

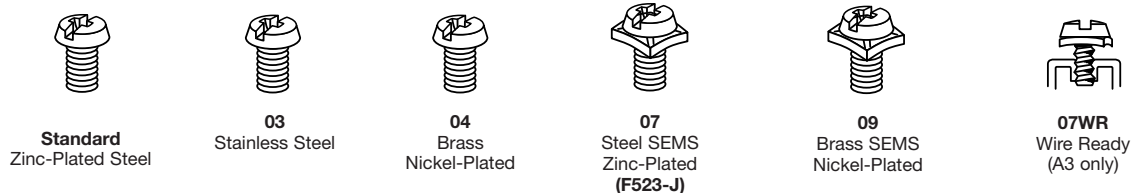
†Contact factory for configuration.

Terminal Styles

Inches (Millimeters)



Screw Options



Series A3000 & LP3000

Single Row Terminal Blocks *Continued*

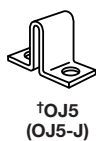
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

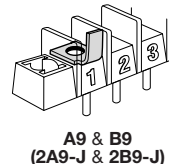
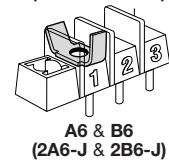
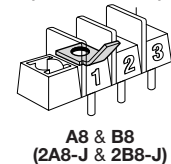
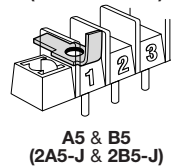
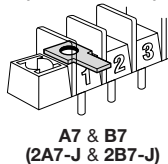
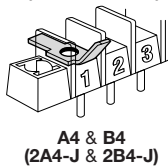


Jumpers



Quick Connects

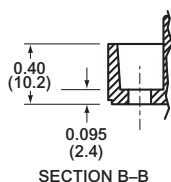
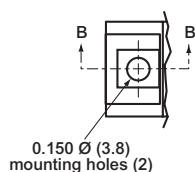
Blade Width A = 0.250" Blade Width B = 0.187"



†Contact factory for pole configuration.

Base/End Options

Inches (Millimeters)



1, 3 & 5 Mount End

Series A3000 & LP3000

Single Row Terminal Blocks *Continued*

Mounting Options

Inches (Millimeters)

Right Angle Bends (A3, LP3 only)

Right angle terminals are offered on the A3000 & LP3000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.

04 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.28	No
R35	0.01	0.23	No
R36	0.02	0.22	No
R39	0.05	0.19	No
R42	0.08	0.16	No
R46	0.12	0.12	No
R48	0.14	0.10	No
R50	0.16	0.08	No

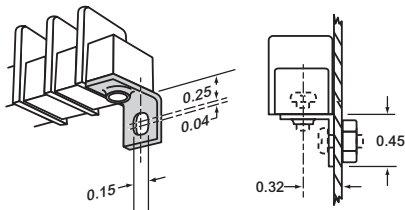
07 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.55	Yes
R35	0.01	0.50	Yes
R36	0.02	0.49	Yes
R50	0.16	0.35	No
R53	0.19	0.32	No
R66	0.32	0.19	No
R69	0.35	0.16	No
R75	0.41	0.10	No
R77	0.43	0.08	No

Dimensions in inches. To convert to millimeters, multiply by 25.4.

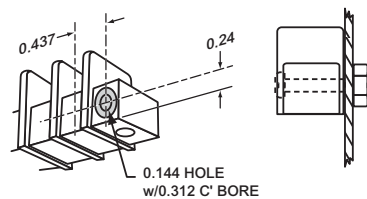
Angle Brackets (A3, LP3 only)



Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **2AB-J**.

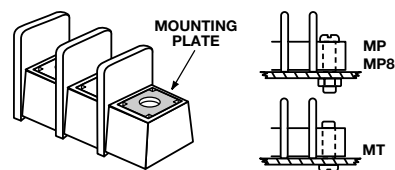
Drilled Right Angle (A3, LP3 only)



Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

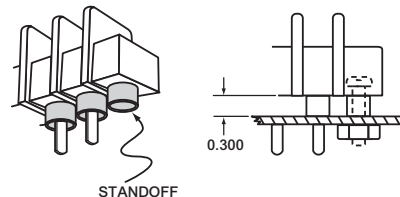
Mounting Plates



Options MP, MP8 & MT

MP Metal inserts with 0.150" dia. hole accept #6 screw. **MP8** Metal inserts with 0.187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

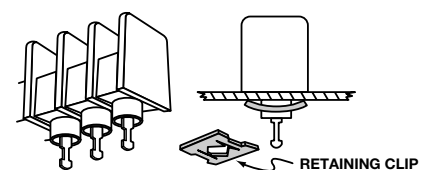
Standoffs



Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

Retaining Clip



Option RC

Use on standoff tubes. Fit panels up to 0.125" thick. Two clips for every five positions. Supplied unassembled. Bulk part number **H541-J**.

Series CB3000

Single Row Terminal Blocks

Part Numbering System

Series	Terminal Style	Base/End	Poles	Screws	Options
CB3 - closed back	01 - handwired #6-32 screw 02 - printed circuit #6-32 screw 03 - non feed-thru #6-32 screw 07 - extended pin #6-32 screw 14 - printed circuit #6-32 screw 51 - handwired #8-32* 52 - printed circuit #8-32* 53 - non feed-thru #8-32* 57 - extended pin #8-32* 64 - printed circuit #8-32*	1 - mount end 2 - barrier end 5 - closed base/ mount end	02 to 28 02 to 26 on mount end base	07 - steel SEMS (standard) 09 - brass SEMS nickel-plated CA - SEMS captive	AB - angle mounting brackets (pg 17) A7 to A9 - 0.250" QC B7 to B9 - 0.187" QC EB - exit back terminals L1 to L6 marking options (pg 22) LT1 to LT6 marking options (pg 22) †OJ3 & OJ7 - over barrier jumpers MP, MP8, MT & MT8 mtg. plates (pg 17) S1 - solder lug/flat Covers - (pg 23)
	*Note: #8-32 screw is a special with #6-32 head.	Base/End Note: 5 Style only available with 03 terminals.			†Contact factory for configuration.

Terminal Styles

Inches (Millimeters)

01 Handwired #6-32 screw 51 #8-32 screw	02 Printed Circuit #6-32 screw 52 #8-32 screw	03 Non Feed-Thru #6-32 screw 53 #8-32 screw Available on Mount End (5) only.	07 Extended Pin #6-32 screw 57 #8-32 screw	14 Printed Circuit #6-32 screw 64 #8-32 screw

Screw Options



07
Steel SEMS
Zinc-Plated
(standard)



09
Brass SEMS
Nickel-Plated

* NOTE: Wire ready screws standard on all terminal styles.

CB3 Terminal Exit Options

Inches (Millimeters)

Exit Rear (std.)	EB Exit Back

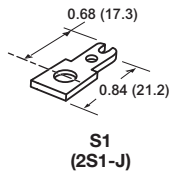
Series CB3000

Single Row Terminal Blocks *Continued*

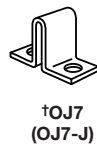
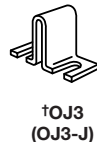
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

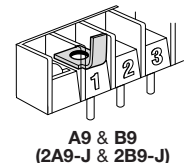
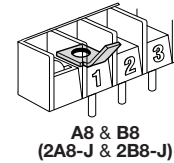
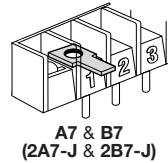


Jumpers



Quick Connects

Blade Width A = 0.250". Blade Width B = 0.187".

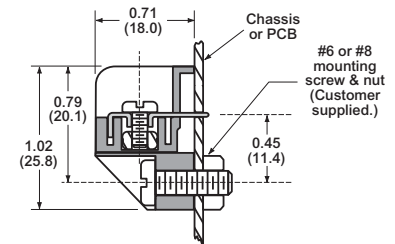
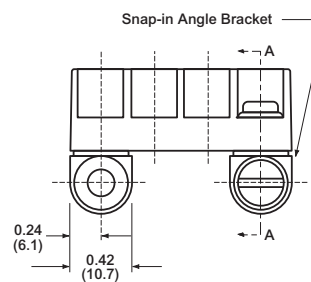
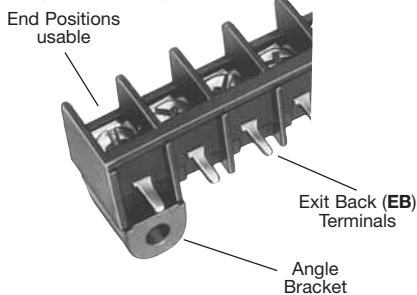


†Contact factory for pole configuration.

Mounting Options

Inches (Millimeters)

Right Angle Mounting Bracket

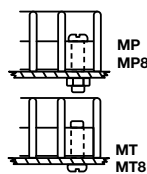
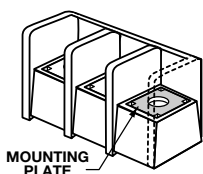


Option AB

Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

Mounting Plates



Options MP, MP8, MT & MT8

MP Metal inserts with 0.150" dia. hole accept #6 screw.

MP8 Metal inserts with 0.187" dia. hole accept #8-32 screw.

MT Metal inserts with tapped hole accept #6-32 screw.

MT8 Metal inserts with tapped hole accept #8-32 screw.

Series A38 / B38

Single Row Terminal Blocks

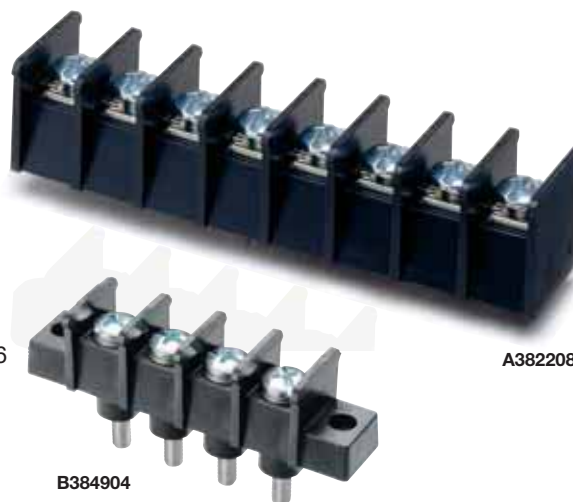
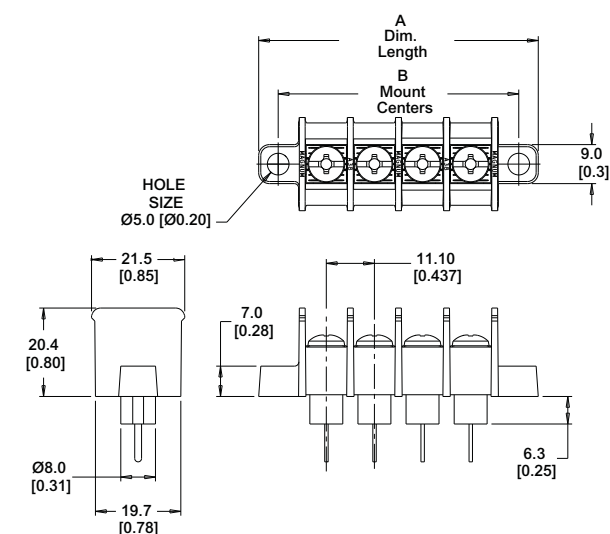
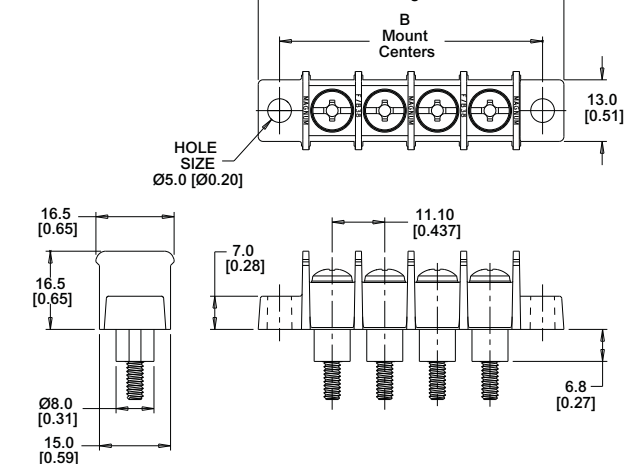
SPECIFICATIONS**Rating:** A38: 30A, 600V

B38: 50A, 300V

Center Spacing: 0.437" (11.10mm)**Wire Range:** A38: #10-22 AWG CU; B38: #8-16 AWG**Screw Size:** #8-32 zinc-plated steel**Torque Rating:** A38: 9 lb-in; B38: 15 lb-in for #8, 9 lb-in for #6**Base:** A38 Only: Standoffs standard for easy flux washing**Distance Between Barriers:** 0.378" (9.60mm)**Recommended PCB Hole Diameter (A38):** 0.076" (1.93mm)**Operating Temperature:** 221°F (105°C)**Molded Material:** Black, UL Rated 94V0 Thermoplastic**Breakdown Voltage:** 5000V**Agency Information:** UL File E62622, CSA File 47235;
CE Certified**TABLE A**

Poles	MOUNTING ENDS ONLY		BARRIER ENDS ONLY	
	B Mount Ctrs.	"A" Dim. Length	"A" Dim. Length	
02	1.31	1.67	0.93	
03	1.75	2.10	1.37	
04	2.19	2.54	1.81	
05	2.62	2.98	2.25	
06	3.06	3.41	2.68	
07	3.50	3.85	3.12	
08	3.93	4.29	3.56	
09	4.37	4.72	3.99	
10	4.81	5.16	4.43	
11	5.24	5.60	4.87	
12	5.68	6.04	5.30	
13	6.12	6.47	5.74	
14	6.56	6.91	6.18	
15	6.99	7.35	6.61	
16	7.43	7.78	7.05	

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

**Dimensions - in (mm)****Series A38****Series B38**

Part Numbering System

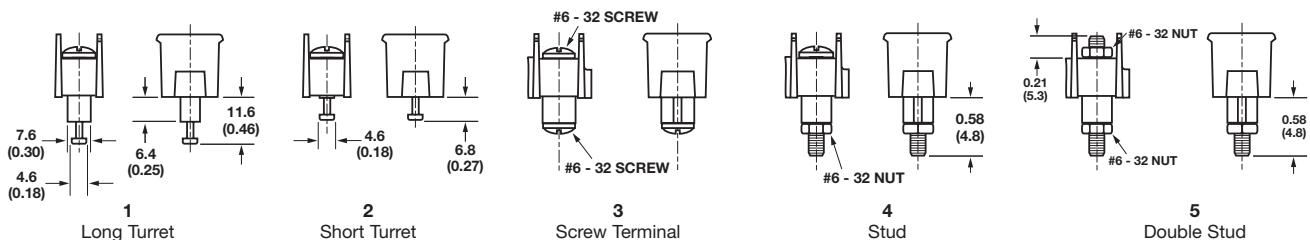
Series	Terminal Style	Base/End	# of Poles	Screw Options	Options
A3B					
	0 - 0.187" QC 1 - hand wired 2 - printed circuit 7 - extended wire wrap 9 - 0.250" QC	1 - flat base, mount end 2 - flat base, barrier end 3 - insulator base* mount end 4 - insulator base* barrier end	02 to 16	Blank - standard screw (steel zinc-plated, philslot BHMS) 04 - brass, nickel-plated, philslot BHMS 07 - steel, SEMS zinc-plated philslot screw 92 - steel, zinc-plated slotted BHMS 94 - brass, nickel-plated slotted BHMS (Binding Hard Machine Screw)	L1 to L6 marking options (pg 22) RC - retaining clips (pg 15) Covers - (pg 23)
		*N/A on 2 terminal style.			
B3B					
	1 - long turret 2 - short turret 3 - screw terminal #6-32 screw top & bottom) 4 - stud (#8-32 screw top, #6-32 stud bottom) †5 - double stud (#6-32 stud top & bottom) †C360 Copper alloy (bright tin plate)	0 - flat base, mount ends 4 - insulator base, barrier ends 9 - insulator base mount ends	02 to 16	Blank - standard screw steel zinc-plated philslot BHMS) 04 - brass, nickel-plated, philslot BHMS #8-32 *34 - #6-32 nickel-plated brass philslot BHMS	L1 to L6 marking options (pg 23) RC - retaining clips (pg 16)
				*Note: 34 screws only *available with 3 terminal style.	

A38 Terminal Styles Wire ready screws standard

Inches (Millimeters)



B38 Terminal Styles



Screw Options



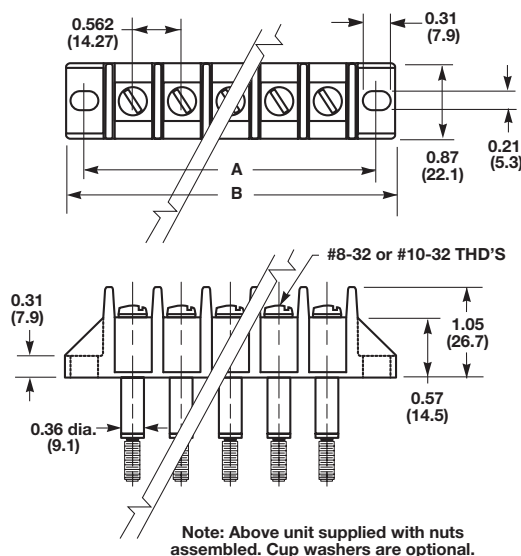
Series A4000 & Series B4000**Single Row Terminal Blocks****SPECIFICATIONS****Rating:** See table.**Center Spacing:** 0.562" or 9/16" (14.28mm)**Wire Range:** See rating table.**Screw Size:** #8-32 or #10-32 zinc-plated slotted screws**Torque Rating:** #8 screw size 16 lb-in.; #10 screw size 20 lb-in.**Distance Between Barriers:** 0.47" (11.9mm)**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Molded Material:** Black, UL Rated 94V0 Thermoplastic**Hardware:** Bottom studs supplied with nuts assembled. Cup washers are optional on bottom studs but are not recommended with ring terminals.**Extended Hex Nuts:** Optional extended, slotted hex nuts enable easier installation and removal with hex wrench or screwdriver. Available in bulk for the #10-32 studs on Series A4953 blocks. Specify part number F582 and quantity.**Breakdown Voltage:** 6100V**Agency Information:** UL File E62622, CSA File 47235; CE Certified**RATING TABLE**

Part Number	Terminal Top	Terminal Bottom	Wire* Range CU	Rated* Volts/Amps
A4003XX	# 8 Screw	#8 Stud	8-16 AWG	150V/50A
A4011XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4013XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4021XX	# 8 Screw	0.250 QC	10-16 AWG	600V/35A
A4035XX	# 8 Screw	Closed	8-16 AWG	600V/50A
A4041XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4043XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4051XX	#10 Screw	0.250 QC	10-16 AWG	600V/35A
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V/50A
A4813XX	#10 Screw	SolderTurret	10-16 AWG	600V/35A
A4843XX	#10 Screw	#8 Screw	8-16 AWG	150V/50A
A4953XX	#10 Stud	#10 Stud	8-16 AWG	150V/50A
B4843XX	#10 Screw	#8 Screw	8-16 AWG	600V/50A

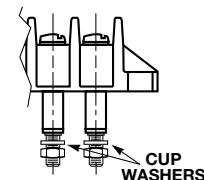
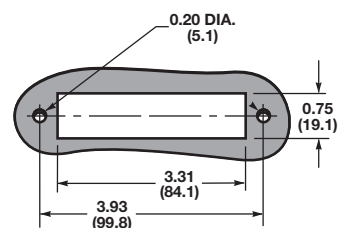
* All models 30A Max. with 10 AWG;

35-50A ratings with 8 AWG using ring or fork type terminals.

Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

**A4000 Series Dimensions - in (mm)****Optional Cup Washers Assembled**

Available on A4003, A4803, A4843, A4953 & B4843.

**Reference Panel Cutout for 6 Position Block**

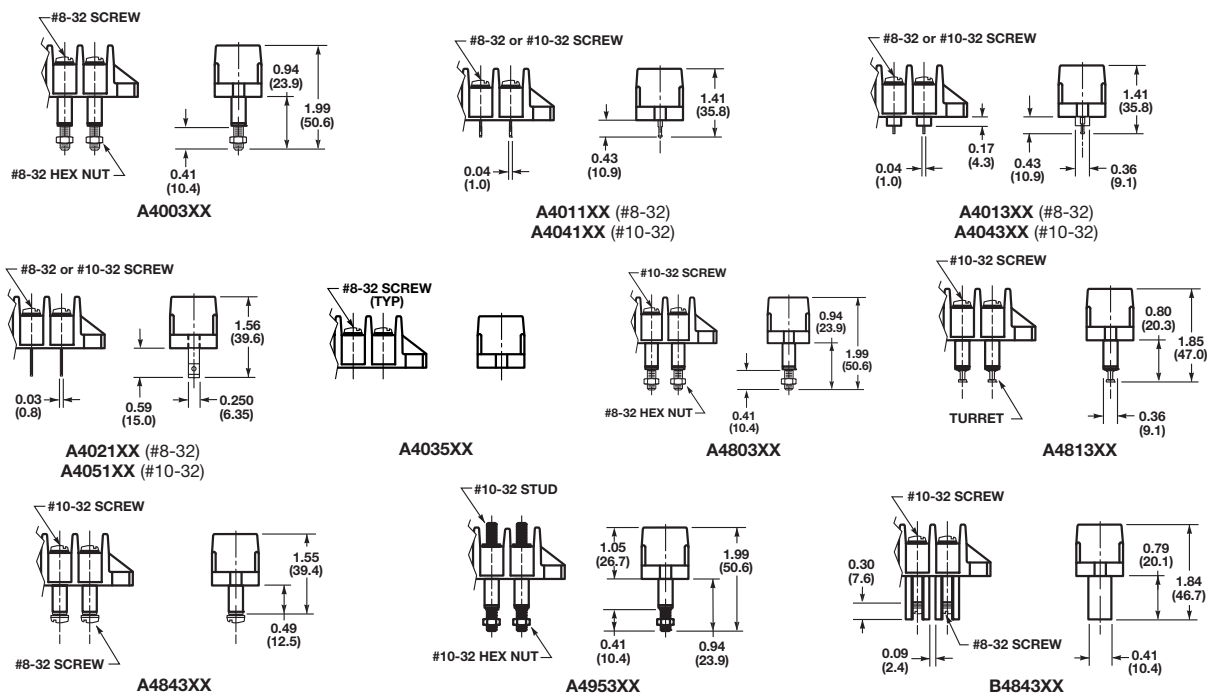
* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A4 - standard	00 - screw top; stud bottom	*1 - flat base/ mount end	02 to 18	Blank - std. screw	A1 to A9 - 0.250" QC
B4 - barrier	01 - screw top; solder bottom	3 - insulator base- (not available in 03 terminal style)		00 - screws shipped bulk	†CW - cup washer (pg 20)
(only available in 84 terminal style)	02 - #8 screw top; 0.250" QC bottom	5 - closed base/ mount end (available in 03 terminal only)		04 - brass nickel-plated	J301 - flat slip-on jumper (2 position only)
	03 - screw top only			07 - steel SEMS zinc plated (not available with hardware options; not available on A4003, A4803, A4813, A4843, B4843)	L1 to L6 marking options (pg 22)
	04 - #10 screw top; solder term. b.				S1 & S2 - solder lugs/flat
	05 - #10 screw top; 0.250" QC bottom				
	80 - screw top; stud bottom #10-32 top, #8-32 bottom insulated base				
	81 - screw top; solder turret bottom #10-32				
	84 - screw top; screw bottom #10-32				
	95 - stud top; stud bottom #10-32				

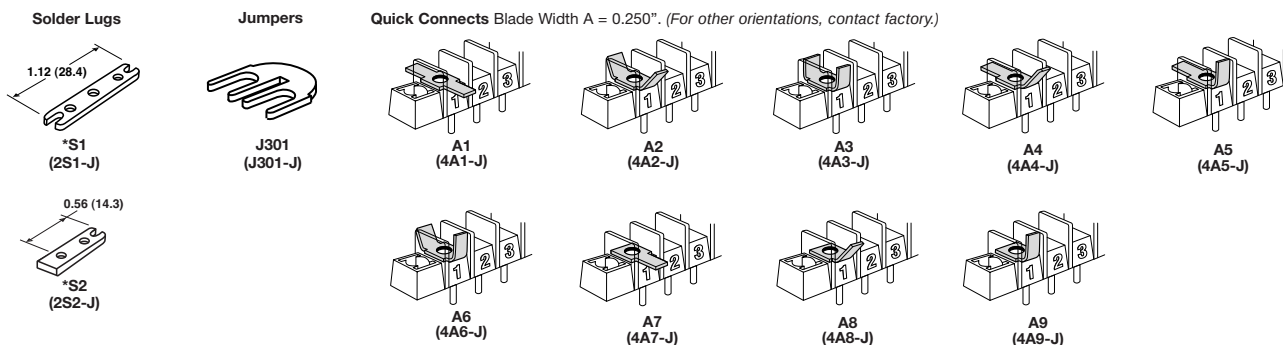
*Available in 01, 02, 04 & 05 terminal style only.

† Available only on A4003, A4803, A4843, A4953 & B4843.

Inches (Millimeters)



Inches (Millimeters)



*Not available for A4843

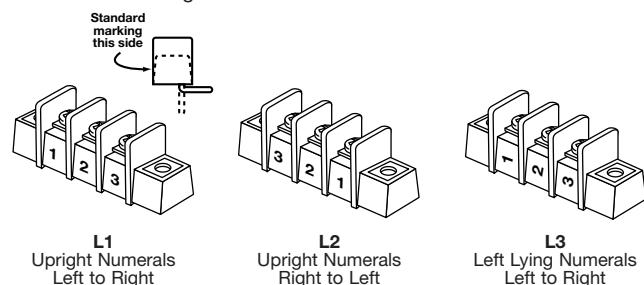
All Series Marking Options

Single Row Terminal Blocks

Marking Options & Accessories

Standard Marking

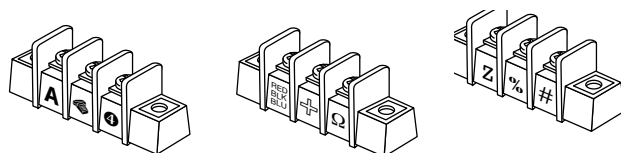
Markings are applied directly to the sides of Series 1000, 2000, 3000, and 4000. Standard characters are white and 1/8" high. Factory may substitute 3/32" high characters.



Blocks to be marked on both sides require a different code for each side. Example: "L1" on one side of the block requires "L2" on the other side to ensure common terminal marking. Specify by adding suffix to part number.

Special Marking

Special markings are available for Series 1000, 2000, 3000, 4000 & 5000 at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking and the same quantity discounts apply. Consult factory for price and delivery.

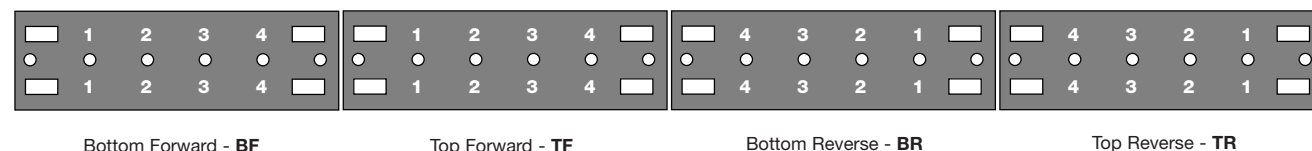


Closed Barrier Terminal Block Marking Options

L1 & LT1 = Upright numerals, numbered from left to right
 L2 & LT2 = Upright numerals, numbered from right to left
 L3 = Left lying numerals, numbered from left to right
 L4 = Right lying numerals, numbered from right to left
 L5 & LT5 = Upside down numerals, numbered from right to left
 L6 & LT6 = Upside down numerals, numbered from left to right

Marker Strips

Black marker strips with white numerals mount beneath the terminal blocks to clearly identify terminal and wire positions. Available with forward or reverse markings, top or bottom of strip. If special markings are required, submit a drawing.



Bottom Forward - BF

Top Forward - TF

Bottom Reverse - BR

Top Reverse - TR

Series



MS1 - 1000 Series
MS2 - 2000 Series
MS3 - 3000 Series

Base



1 - mount end, feed thru
2 - barrier end, feed thru
3 - mount end, insulator tubes
4 - barrier end, insulator tubes
5 - mount end, non feed-thru

Poles



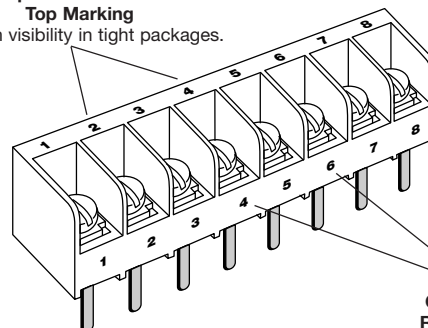
02 to 36

Marking



BF - bottom forward
TF - top forward
BR - bottom reverse
TR - top reverse

Options LT1 - LT6
Top Marking
 For high visibility in tight packages.



Options L1 - L6
Regular Marking

All Series Accessories

Single Row Terminal Blocks *Continued*

Cover Options - Single Row

Terminal Block Covers

Available for Series A1000, A2000, A3000, A4000, CB2000, CB3000, LP2000, & LP3000.

Three styles of UL 94V0 thermoplastic covers are offered in black. Covers are ordered separately and supplied with two clips each, unless ordered without clips. Optional markings may be specified (black on yellow; white on black).

Notes: Covers can not be used with:

- mounting plate options MP & MT.
- certain quick connect terminals.
- 0, 6, & 9 base/end styles on A2 or A3

Bulk Cover Clips: Series 1000 = **CC1-J**; Series 2000 & 3000 = **CC2-J**; Series 4000 = **CC4-J**.

Standard Cover Markings

Top Forward - **TF**



Bottom Forward - **BF**

Skirted Access Side

Top Reverse - **TR**



Bottom Reverse - **BR**

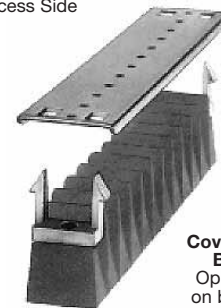
Skirted Access Side



**Cover Options
BB & CB**
Skirted access
on both sides.



**Cover Options
BO & CO**
Skirted access
on one side only.



**Cover Options
BC & TC**
Open access
on both sides.

Cover



BB - skirted access, both sides, black
BO - skirted access, one side, black
BC - open access, both sides, black*

* Not available in 4000 Series

Series



1 - 1000
2 - 2000
3 - 3000
4 - 4000

Poles



02 to 36

Markings



BF - bottom forward
TF - top forward
BR - bottom reverse
TR - top reverse

Options



00 - without clips

Snap-On Covers for A38/B38/F38 Series & CB2/CB3 Series

A38/B38 Series



Poles	
TA8 -	A38 Series
TB8 -	B38 Series
FB8 -	F38 Series

CB2/CB3 Series



Poles	
T02 -	CB2 Series
T03 -	CB3 Series

F38 Series Filtered Terminal Blocks

SPECIFICATIONS

Ratings: 35A, 240Vac, 300Vdc.

Center Spacing: 0.437" or 7/16" (11.10mm)

Wire Size: # 10-22 AWG CU

Screw Size: # 8-32 (# 6-32 available, consult factory)

Torque Rating: 15 lb-in.

Operating Temperature: -55°C to +105°C.

Housing Material: 94V0 thermoplastic.

Molded Material: Black, UL rated 94V0 thermoplastic.

Terminal Material: Brass, tin-plated

Capacitance: 1000 pF to 5000 pF in either C or Pi Schematic

Dielectric Withstanding Voltage: 1000 Vac; 1700Vdc

DC Resistance: 0.01 ohms max.

Agency Information: UL File E62622, CE Certified

# of Poles	A Front Mount	A Rear Mount	B	C	D
2	1.67	1.88	1.31	0.93	0.44
3	2.10	2.32	1.75	1.37	0.88
4	2.54	2.76	2.19	1.81	1.31
5	2.98	3.19	2.63	2.25	1.75
6	3.41	3.63	3.06	2.68	2.19
7	3.85	4.07	3.50	3.12	2.62
8	4.29	4.51	3.94	3.56	3.06

* Note: In inches. Available up to 16 poles. Consult factory.

Dimensions - mm (in)

O - Front Panel Mount



FEATURES

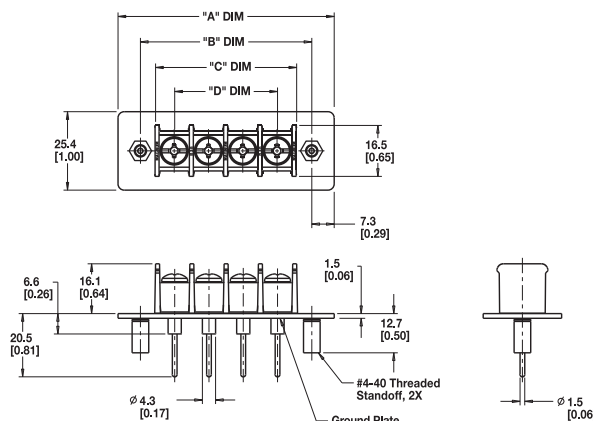
- Rugged integrated construction of filtering elements around a solid brass pin provides excellent EMI/RFI filtering
- Filter element provides high insertion loss for EMI/RFI filtering of AC and DC power and control lines
- 2 to 8 terminals standard – up to 16 poles available
- Cost-effective EMI solution for industrial interconnection filtering
- Termination options are straight lead, male or female quick connect
- Custom and special options available including:
 - Different capacitance values on each position
 - Wire assemblies added to pins

Insertion Loss for 2,500 pF Pi Schematic
Typical Insertion Loss (dB) in 50 Ohm Circuit

30MHz	.42 dB	300 MHz	.68 dB
50 MHz	.45 dB	1000 MHz	.70 dB
100 MHz	.50 dB		

* Note: For other capacitance insertion loss, consult factory.

I - Rear Panel Mount



Part Numbering System

Inches (Millimeters)

Series	Terminal Style	Mounting	# of Poles	Screw Options	Filter Options	Capacitance
F38						
	0 - straight lead	0 - front panel mount with mount ends	02 to 08*	Blank - #8-32, steel, zinc-plated phillslot BHMS (standard)	C - C Filter	1.0 - 1000 pF + 100%-0%
	1 - 0.187" quick connect (male)	1 - rear panel mount with #4-40 threaded inserts		04 - #8-32, brass, nickel-plated phillslot BHMS	P - Pi Filter	2.5 - 2500 pF + 100%-0%
	2 - 0.187" quick connect (male)			92 - #8-32, steel, zinc-plated slotted BHMS		5.0 - 5000 pF + 100%-0%
	3 - 0.250" quick connect (male)			94 - #8-32, brass, nickel-plated slotted BHMS		
	4 - 0.250" quick connect (female)					

* Note: Standard is 02-08 poles. Available up to 16 poles. Consult factory for availability. Special electrical/mechanical configurations are available upon request from factory.

Series TB100

Double Row Terminal Blocks

SPECIFICATIONS

Rating: 30A, 300V*

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #14 - 22 AWG CU

Screw Size: #6-32 phillslot screws

Torque Rating: 9 lb-in.

Distance Between Barriers: 0.30" (7.62mm)

Mounting: #6 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Materials: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: Zinc-plated steel

Breakdown Voltage: 3600V

Agency Information: UL File E62622/CSA File 47235; IEC

Compliance; CE Certified

* Max. rating shown; some options may be rated lower - consult factory.



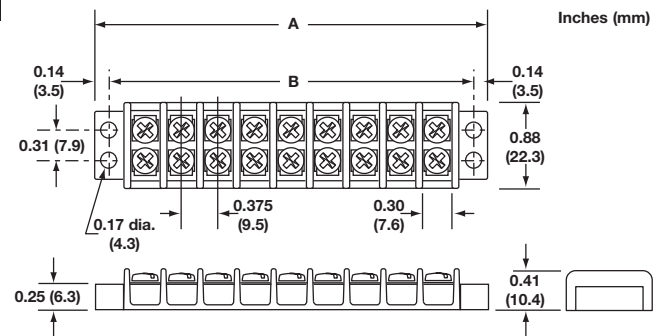
TB100-08



TB100-04SP

Dimensions - in (mm)

TB100



Poles	A	B	Poles	A	B	Poles	A	B
02	1.40	1.12	14	5.90	5.62	26	10.40	10.12
03	1.78	1.50	15	6.28	6.00	27	10.78	10.50
04	2.16	1.88	16	6.66	6.38	28	11.16	10.88
05	2.53	2.25	17	7.03	6.75	29	11.53	11.25
06	2.90	2.62	18	7.40	7.12	30	11.90	11.62
07	3.28	3.00	19	7.78	7.50	31	12.28	12.00
08	3.66	3.38	20	8.16	7.88	32	12.66	12.38
09	4.03	3.75	21	8.53	8.25	33	13.03	12.75
10	4.40	4.12	22	8.90	8.62	34	13.40	13.12
11	4.78	4.50	23	9.28	9.00	35	13.78	13.50
12	5.16	4.88	24	9.66	9.38	36	14.16	13.88
13	5.53	5.25	25	10.03	9.75			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Part Numbering System

Series

TB100

Poles

02 to 36

Screw Options

Blank - steel phillslot, zinc-plated
00 - screws shipped bulk
B - brass phillslot, nickel-plated
BS - brass Sems phillslot, nickel-plated
SP - steel Sems phillslot, zinc-plated
P - steel Sems (P-style)
ST - stainless steel, phillslot
STR - stainless steel, phillips (recess)

Marking

L1 to L6 - (pg 32)
Marker strips (pg 33)
Covers (pg 32)

Hardware Options

QC1 to QC20 - quick connects
†J101 - flat slip-on jumper
(2 position only)
†0J2 - over barrier jumpers
†0J4 - over barrier jumpers

† Contact factory for pole configuration.

Screw Options



B
Brass Philslot
Nickel-Plated



BS
Brass SEMS
Philslot Nickel-Plated



SP
Steel SEMS
Philslot Zinc-Plated



ST
Stainless Steel
Philslot



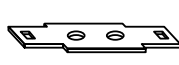
P
Steel SEMS
(P-Style)



STR
Stainless Steel
Phillips (recess)

Hardware Options (Bulk ordering part numbers are in parentheses.)

Quick Connects – Assembled Terminal 0.187" x 0.020". Max. current rating 13 Amps. For other orientations, contact factory.



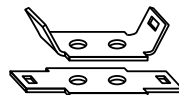
QC1



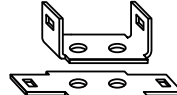
QC2



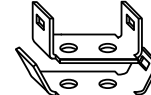
QC3



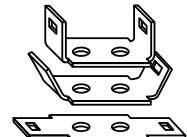
QC4



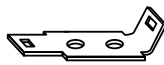
QC5



QC6



QC7



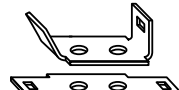
QC8



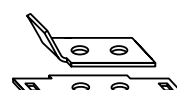
QC9



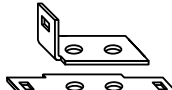
QC10



QC11



QC12



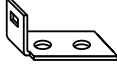
QC13



QC14



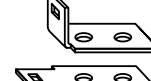
QC15



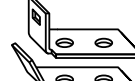
QC16



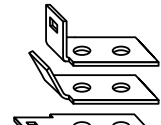
QC17



QC18



QC19



QC20

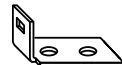
Quick Connects – Bulk Min. order per part no. – 100 pieces.



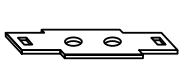
QC101
Flat – none



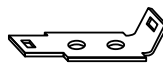
QC102
QC 45° – none



QC103
QC 90° – none



QC104
Flat – Flat



QC105
Flat – QC 45°



QC106
Flat – QC 90°



QC107
QC 45° – QC 45°



QC108
QC 45° – QC 90°



QC109
QC 90° – QC 90°

Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



†**J101**
Flat slip-on
(J101-J)



†**OJ2**
Slip-on over barrier
(OJ2-J)



†**OJ4**
Closed over barrier
(OJ4-J)

† Contact factory for pole configuration.

Series TB200 & TB200HB Double Row Terminal Blocks

SPECIFICATIONS

Rating: TB200 - 30A, 300V*

TB200HB - 30A, 600V*

Center Spacing: 0.437" or 7/16" (11.10mm)

Wire Range: #12 - 22 AWG CU

Screw Size: #6-32 phillslot screws

Torque Rating: 9 lb-in.

Distance Between Barriers: 0.353" (8.97mm)

Mounting: #6 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Materials: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Tin over brass; Screws: zinc-plated steel

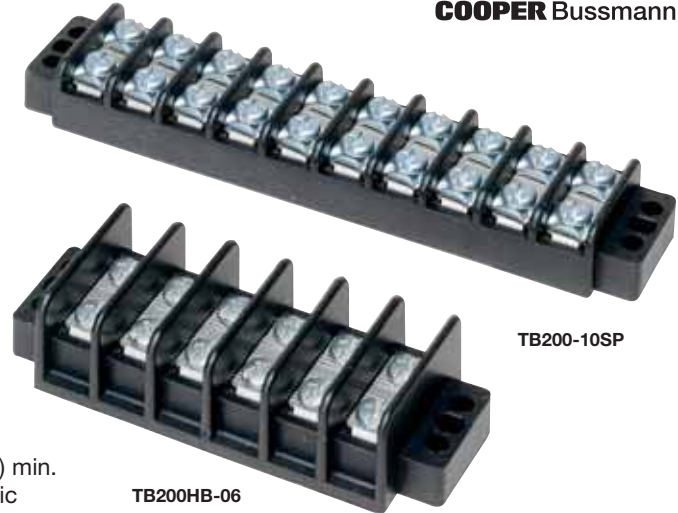
Breakdown Voltage: 4800V

Agency Information: UL File E62622, CSA File 47235 & 15364;
IEC Compliance; CE Certified

* Max. rating shown; some options may be rated lower - consult factory.

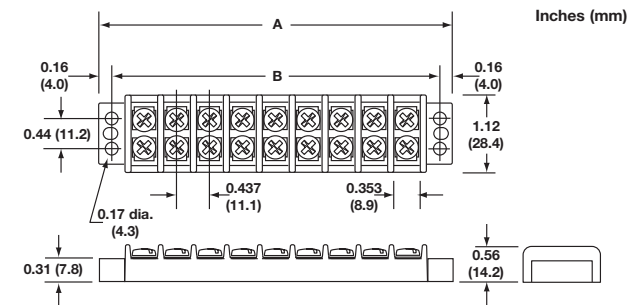
Poles	A	B	Poles	A	B	Poles	A	B
02	1.63	1.31	12	6.00	5.68	22	10.37	10.06
03	2.07	1.75	13	6.44	6.12	23	10.81	10.50
04	2.51	2.18	14	6.87	6.56	24	11.25	10.93
05	2.94	2.62	15	7.31	7.00	25	11.68	11.37
06	3.38	3.06	16	7.75	7.43	26	12.12	11.81
07	3.82	3.50	17	8.19	7.87	27	12.56	12.25
08	4.25	3.93	18	8.62	8.31	28	13.00	12.68
09	4.69	4.37	19	9.06	8.75	29	13.44	13.12
10	5.13	4.81	20	9.50	9.18	30	13.87	13.56
11	5.57	5.25	21	9.94	9.62			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

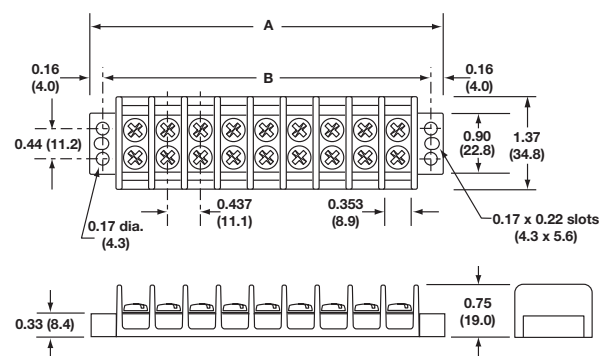


Dimensions - in (mm)

TB200



TB200HB



Part Numbering System

Series

TB200 - Standard

200 - Standard
200HB - High barrier

Poles

02 to 30

Screw Options

Blank - steel phillslot, zinc-plated
00 - screws shipped bulk
B - brass phillslot, nickel-plated
BS - brass Sems phillslot, nickel-plated
SP - steel Sems phillslot, zinc-plated
P - steel Sems (P-style)
ST - stainless steel, phillslot
SS - stainless steel Sems, phillslot
STR - stainless steel, phillips (recess)

Marking

L1 to L6 - (pg 32)
Marker strips (pg 32)
Covers (pg 32)

Hardware Options

QC1 to QC20 - quick connects
†J201 - flat slip-on jumper
(2 position only)
†J3 - over barrier jumpers
†J5 - over barrier jumpers
†J7 - over barrier jumpers

† Contact factory for pole configuration

Screw Options



B
Brass Philslot
Nickel-Plated



BS
Brass SEMS
Philslot Nickel-Plated



SP
Steel SEMS
Philslot Zinc-Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



SS
Stainless Steel
SEMS Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options (Bulk ordering part numbers are in parentheses.)

Quick Connects – Assembled Terminal 0.250" x 0.031". Max. current rating 20 Amps. For other orientations, contact facto-



QC1



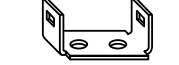
QC2



QC3



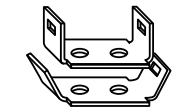
QC4



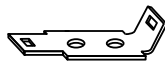
QC5



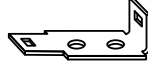
QC6



QC7



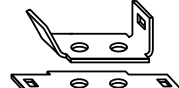
QC8



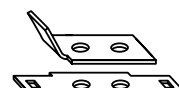
QC9



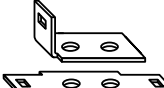
QC10



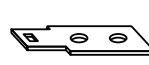
QC11



QC12



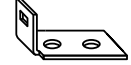
QC13



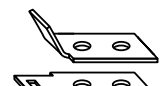
QC14



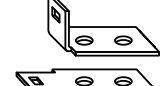
QC15



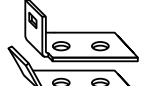
QC16



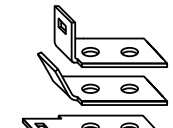
QC17



QC18

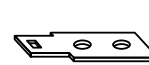


QC19



QC20

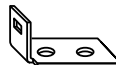
Quick Connects – Bulk Min. order per part no. – 100 pieces.



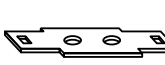
QC201
Flat – none



QC202
QC 45° – none



QC203
QC 90° – none



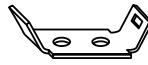
QC204
Flat – Flat



QC205
Flat – QC 45°



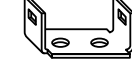
QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°



QC209
QC 90° – QC 90°

Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



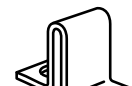
†J201
Flat slip-on
(not available on
TB200HB)
(J201-J)



†OJ3
Slip-on over barrier
for TB200HB
(OJ3-J)



†OJ5
Closed over barrier
for TB200HB
(OJ5-J)



†OJ7
Closed over barrier
for TB200
(OJ7-J)

† Contact factory for pole configuration.

Series TB300 & TB345

Double Row Terminal Blocks

SPECIFICATIONS

Rating: TB300 – 30A, 600V*

TB345 – 45A, 600V*

Center Spacing: 0.562" or 9/16" (14.28mm)

Wire Range: #8 - 22 AWG CU

Screw Size: TB300 – #8-32 philslot screws

TB345 – #10-32 philslot screws

Torque Rating: #8 screws - 16 lb-in.;

#10 screws - 20 lb-in.

Distance Between Barriers: 0.41" (10.5mm)

Mounting: TB300 – #8 screws; TB345 – #10 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Material: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Tin over brass; Screws: zinc-plated steel

Breakdown Voltage: 7500V

Agency Information: UL File E62622, CSA File 47235; IEC

Compliance; CE Certified

* Max. rating shown; some options may be rated lower - consult factory.

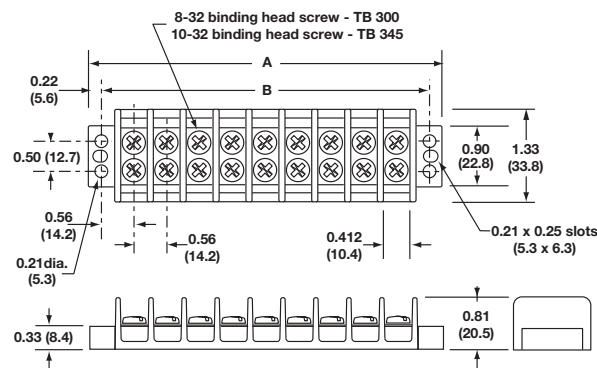
Poles	A	B	Poles	A	B	Poles	A	B
02	2.13	1.69	10	6.62	6.19	18	11.12	10.68
03	2.69	2.25	11	7.18	6.75	19	11.68	11.25
04	3.25	2.81	12	7.75	7.31	20	12.24	11.81
05	3.81	3.37	13	8.31	7.87	21	12.80	12.37
06	4.37	3.94	14	8.87	8.44	22	13.37	12.93
07	4.94	4.50	15	9.43	9.00	23	13.93	13.50
08	5.50	5.06	16	9.99	9.56	24	14.49	14.06
09	6.06	5.62	17	10.56	10.12			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Dimensions - in (mm)

TB300 & TB345



Part Numbering System

Series



300 - 8-32 screw
345 - 10-32 screw

Poles



02 to 24

Screw Options



Blank - steel philslot, zinc-plated
00 - screws shipped bulk
B - brass philslot, nickel-plated
BS - brass Sems philslot, nickel-plated (TB300 only)
SP - steel Sems philslot, zinc-plated
P - steel Sems (P-style) (TB300 Series only)
ST - stainless steel, philslot
STR - stainless steel, phillips (recess)

Marking



L1 to L6 - (pg 32)
Marker strips (pg 33)
Covers (pg 32)

Hardware Options



QC1 to QC20 - quick connects (TB300 only)
†J301 - flat slip-on jumper
†J6 - over barrier jumper
†J11 - over barrier jumper

†Contact factory for pole configuration.

Screw Options



B
Brass Philslot
Nickel-Plated



BS
Brass SEMS
Philslot Nickel-Plated



SP
Steel SEMS
Philslot Zinc-Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options

Quick Connects – Assembled TB300 only. Terminals 0.250" x 0.031". Max. current rating 20 Amps. For other orientations, contact factory.



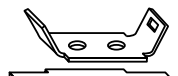
QC1



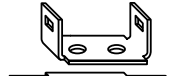
QC2



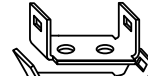
QC3



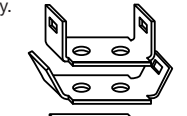
QC4



QC5



QC6



QC7



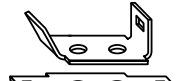
QC8



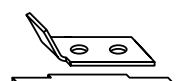
QC9



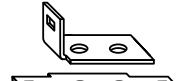
QC10



QC11



QC12



QC13



QC14



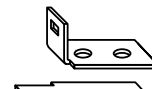
QC15



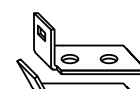
QC16



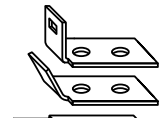
QC17



QC18



QC19



QC20

Quick Connects – Bulk *TB300 only. Min. order per part no. – 100 pieces.



QC201
Flat – none



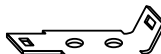
QC202
QC 45° – none



QC203
QC 90° – none



QC204
Flat – Flat



QC205
Flat – QC 45°



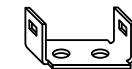
QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°



QC209
QC 90° – QC 90°

Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



†J301
Flat slip-on
(TB300 only)
(J301-J)



†OJ6
Closed over barrier
(OJ6-J)



†OJ11
Slip-on over barrier
(OJ11-J)

†Contact factory for pole configuration.

Series TB400

Double Row Terminal Blocks

SPECIFICATIONS

Rating: 75A, 600V

Center Spacing: 0.687" or 11/16" (17.45mm)

Wire Range: #6-14 AWG CU

Screw Size: #10-32 philslot screws

Torque Rating: 20 lb-in.

Distance Between Barriers: 0.56" (14.3mm)

Mounting: #10 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Material: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: zinc-plated steel

Breakdown Voltage: 7500V

Agency Information: UL File E62622, CSA File 47235; IEC Compliance; CE Certified



TB400-05

Dimensions - in (mm)

TB400

Poles	A	B	Poles	A	B	Poles	A	B
02	2.51	2.06	06	5.26	4.81	10	8.01	7.56
03	3.20	2.75	07	5.95	5.50	11	8.70	8.25
04	3.89	3.44	08	6.64	6.19	12	9.39	8.94
05	4.58	4.13	09	7.33	6.88			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Screw Options



B
Brass Philslot
Nickel-Plated

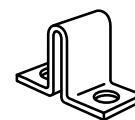


ST
Stainless Steel
Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options



OJ14
Closed over barrier

Part Numbering System

Series

T B 4 0 0

Poles

— [] []

02 to 12

Screw Options

[] [] []

Blank - steel philslot, zinc-plated
00 - screws shipped bulk
B - brass philslot, nickel-plated
ST - stainless steel, philslot
STR - stainless steel, phillips (recess)

Marking

Not available

Hardware Options

†OJ14 - Jumper over barrier

†Contact factory for pole configuration.

All Series Marking Options & Accessories

Double Row Terminal Blocks

Marking Options

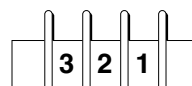
Standard Marking

Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is 0.125".

Note: Blocks marked on both sides require a different code for each side. Example Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block part number in the proper sequence.



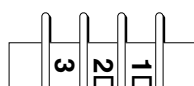
L1



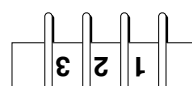
L2



L3



L4



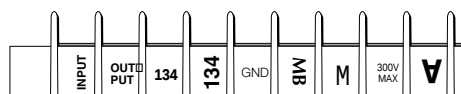
L5



L6

Special Marking

Special markings are available at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking. Drawing(s) must be submitted to ensure accuracy of part required. Consult factory for price and delivery.



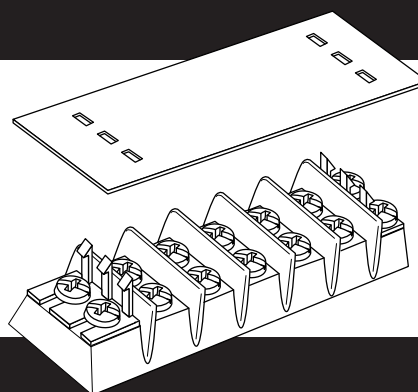
Note: Marking is not available on TB400 Series

Covers

Covers prevent personnel, screws and foreign items from contacting live terminals. Available in white or clear plastic. Two cover clips supplied with each cover. Cover width is 1.31 inches.

All covers must be ordered separately. Consult factory for special legends.

Example: 10 position cover, white, TB100 Series, no legends . . . Part number is X12010.



Part Numbering System

Series



Cover Strip



120 - TB100/white
119 - TB100/clear
220 - TB200/TB200HB - white
219 - TB200/TB200HB - clear
320 - TB300 & TB345 - white
319 - TB300 & TB345 - clear

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

High Barrier Option Only



HB = High Barrier

Example: 10 position cover, white, TB100 Series, no legends . . . Part number is X12010.

Cover Clips – Bulk

Part Number
DD1-J – TB100 Series
DD2-J – TB200 Series
DD2HB-J – TB200HB Series
DD3-J – TB300 Series

Note: Covers are not available on TB400 Series.

Top & Bottom Marking Strips

Double Row Terminal Blocks

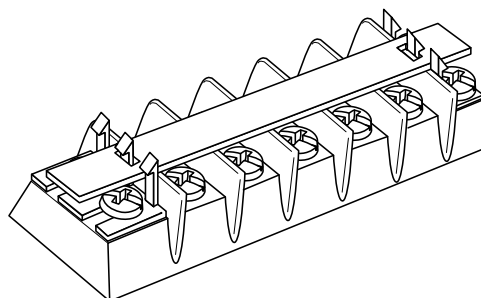
Top Marker Strips

Top mounting marker strips are available in white (opaque) plastic. Two cover clips are supplied with each marker strip.

All top marker strips must be ordered separately. Consult factory for special legends.

Example: 12 position cover, TB200, 0.032" x 0.312", with no legends . . . Part No. is X20312.

Example: 12 position cover, TB200HB, 0.060" x 0.500", with no legends . . . Part No. is X23312HB.



Part Numbering System

Series



Top Marker Strip



133 - TB100 (0.060 thk x 0.500w)
103 - TB100 (0.032 thk x 0.312w)
233 - TB200/TB200HB (0.060 thk x 0.500w)
203 - TB200/TB200HB (0.032 thk x 0.312w)
333 - TB300 & TB345 (0.060 thk x 0.500w)
303 - TB300 & TB345 (0.032 thk x 0.380w)

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

Note: Marking Strips are not available on TB400 Series.

High Barrier Option Only



HB = High Barrier

Example: 12 position cover, TB200HB, 0.060" x 0.500", with no legends . . . Part No. is X23312HB.

Bottom Marker Strips

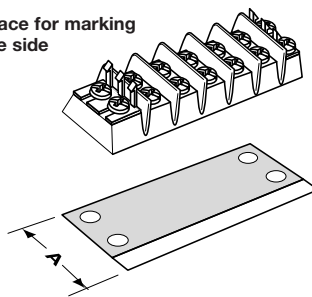
Bottom mounting marker strips are made of black PVC, 0.030" thick. Space is available to handle most marking situations. All marker strips must be ordered separately.

To order, specify part number, required legends and (BF) bottom forward, (BR) bottom reverse, (TF) top forward, or (TR) top reverse. Consult factory for specials.

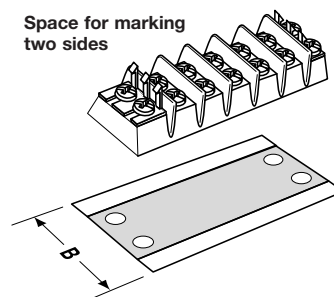
Example: 13 position strip, TB100 with no legends, space for marking one side . . . Part number is X10513.

Position for legends (one side, two sides) can be specified standard. Standard legend height is 0.125". Standard legends are 0-99 and A-Z. Special legends are available on special order. Drawing(s) must be submitted to ensure accuracy of part required.

Space for marking
one side



Space for marking
two sides



	TB100	TB200	TB200HB	TB300	TB345	TB400
Dim. A	1.13"	1.37"	1.62"	1.58"	1.58"	N/A
Dim. B	1.38"	1.62"	1.81"	1.81"	1.81"	N/A

Part Numbering System

Series



Bottom Marker Strip



105 - TB100 - marking one side
101 - TB100 - marking both sides
205 - TB200 - marking one side
201 - TB200 - marking both sides
295 - TB200HB - marking one side
291 - TB200HB - marking both sides
305 - TB300 & TB345 - marking one side
301 - TB300 & TB345 - marking both sides

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

High Barrier Option Only



HB = High Barrier

Orientation



BF - bottom forward
BR - bottom reverse
TF - top forward
TR - top reverse

Note: Marking Strips are not available on TB400 Series.

Series TS - Standard Base

Terminal Blocks; 8.00, 10.00,
12.00, 13.50mm Centers

SPECIFICATIONS

Rating: TS08 – 20A, 600V

TS10 – 30A, 600V

TS12 – 35A, 600V

TS14 – 50A, 600V

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel-Plated Brass

Wire Protector: Stainless Steel

Screw Size: See Table

Operating Temperature: 105°C (221°F) max., -30°C (-22°F) min.

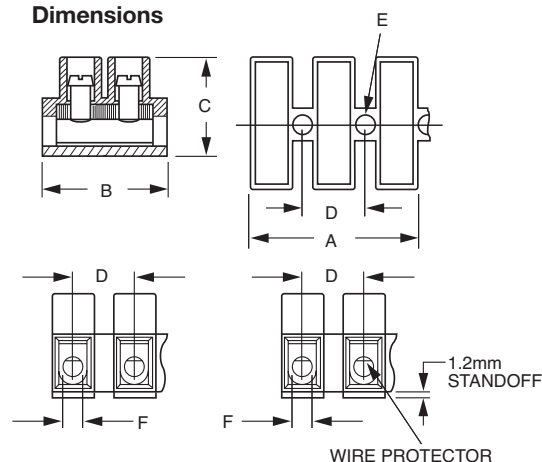
Torque Rating: See Table

Construction: Mold-to-to-Length

Agency Information: UL File E62622; CE Certified



Dimensions



# of Poles	A Dimensions							
	TS08		TS10		TS12		TS14	
	mm	in	mm	in	mm	in	mm	in
2	15.80	0.622	17.50	0.689	20.70	0.815	23.00	0.906
3	23.80	0.937	27.50	1.083	32.70	1.287	36.50	1.437
4	31.80	1.252	37.50	1.476	44.70	1.760	50.00	1.969
5	39.80	1.567	47.50	1.870	56.70	2.232	63.50	2.500
6	47.80	1.882	57.50	2.264	68.70	2.705	77.00	3.031
7	55.80	2.232	67.50	2.657	80.70	3.177	90.50	3.563
8	63.80	2.512	77.50	3.051	92.70	3.650	104.00	4.094
9	71.80	2.827	87.50	3.445	104.70	4.122	117.50	4.626
10	79.80	3.142	97.50	3.839	116.70	4.594	131.00	5.157
11	87.80	3.457	107.50	4.232	128.70	5.067	144.50	5.689
12	95.80	3.772	117.50	4.626	140.70	5.539	158.00	6.220

Position	Torque lb-in	Clamping Area	Wire Range AWG (Cu)	Dimensions mm (in)					
				Screw	B	C	D	E	F
TS0801	3.5	4.0mm ²	22-12 Sol./Str.	M2.6x5	17.00 (0.67)	14.50 (0.57)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS0802	3.5	1.5mm ²	22-12 Sol./Str.	M2.6x5	17.00 (0.67)	14.50 (0.57)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS1001	4.4	6.0mm ²	22-10 Sol. 14-10 Str.	M3.0x6	20.20 (0.80)	17.00 (0.67)	10.00 (0.39)	3.60 (0.14)	3.4±0.1 (0.13)
TS1002	4.4	2.5mm ²	22-12 Sol./Str. 10 Sol.	M3.0x6	20.20 (0.80)	17.00 (0.67)	10.00 (0.39)	3.60 (0.14)	3.4±0.1 (0.13)
TS1201	7.0	10.0mm ²	22-10 Sol./Str.	M3.5x7	23.80 (0.94)	19.00 (0.75)	12.00 (0.47)	3.90 (0.14)	4.2±0.1 (0.15)
TS1202	7.0	6.0mm ²	22-10 Sol./Str.	M3.5x7	23.80 (0.94)	19.00 (0.75)	12.00 (0.47)	3.90 (0.15)	4.2±0.1 (0.15)
TS1401	12.0	16.0mm ²	20-8 Sol./Str.	M4.0x9	25.60 (1.01)	25.20 (0.99)	13.50 (0.53)	4.40 (0.17)	5.0±0.1 (0.19)
TS1402	12.0	10.0mm ²	20-8 Sol./Str.	M4.0x9	25.60 (1.01)	25.20 (0.99)	13.50 (0.53)	4.40 (0.17)	5.0±0.1 (0.19)

Part Numbering System

Spacing



08
10
12
14

Base



01 - std
02 - std w/
wire protector

Positions



02 to 12

Series TS - Flat Base

Terminal Blocks; 8.00, 10.00mm Centers

SPECIFICATIONS

Rating: TS08 – 20A, 600V

TS10 – 30A, 600V

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel-Plated Brass

Wire Protector: Stainless Steel

Screw Size: See Table

Operating Temperature: 105°C (221°F) max., -30°C (-22°F) min.

Torque Rating: See Table

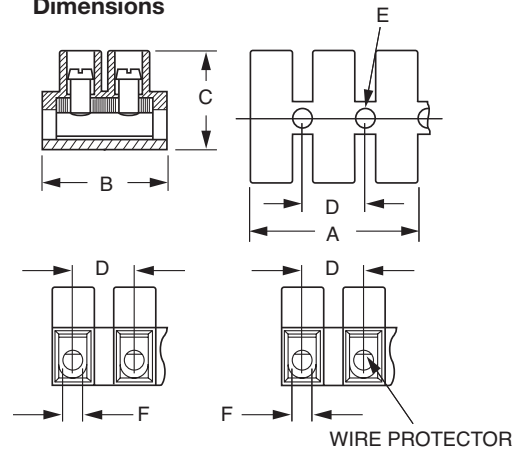
Construction: Mold-to-Length

Agency Information: UL File E62622; CE Certified



# of Poles	A Dimensions			
	TS08		TS10	
	mm	in	mm	in
2	15.80	0.622	17.50	0.689
3	23.80	0.937	27.50	1.083
4	31.80	1.252	37.50	1.476
5	39.80	1.567	47.50	1.870
6	47.80	1.882	57.50	2.264
7	55.80	2.232	67.50	2.657
8	63.80	2.512	77.50	3.051
9	71.80	2.827	87.50	3.445
10	79.80	3.142	97.50	3.839
11	87.80	3.457	107.50	4.232
12	95.80	3.772	117.50	4.626

Dimensions



Position	Torque lb-in	Clamping Area	Wire Range AWG (Cu)	Dimensions mm (in)					
				Screw	B	C	D	E	F
TS0803	3.5	4.0mm²	22-12 Sol./Str.	M2.6x5	16.30 (0.64)	13.30 (0.53)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS0804	3.5	1.5mm²	22-12 Sol./Str.	M2.6x5	16.30 (0.64)	13.30 (0.52)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS1003	4.4	6.0mm²	22-10 Sol. 14-10 Str.	M3.0x6	20.20 (0.80)	15.80 (0.62)	10.00 (0.39)	3.60 (0.14)	3.2±0.1 (0.13)
TS1004	4.4	2.5mm²	22-12 Sol./Str. 10 Sol.	M3.0x6	20.20 (0.80)	15.80 (0.62)	10.00 (0.39)	3.60 (0.14)	3.2±0.1 (0.13)

Part Numbering System

Spacing



08
10

Base



03 - flat
04 - flat w/
wire protector

Positions



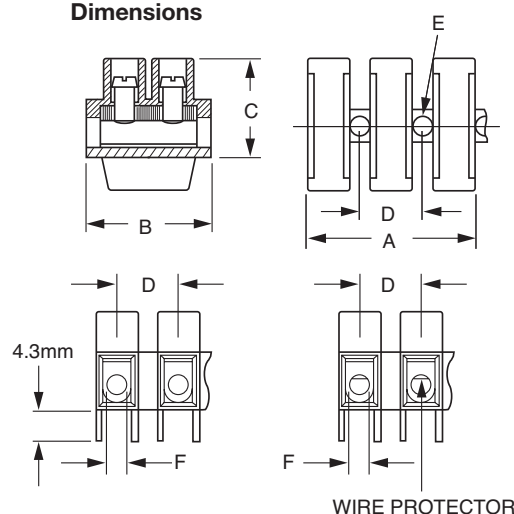
02 to 12

Series TS - Raised Base

Terminal Blocks; 8.00, 10.00mm Centers

SPECIFICATIONS**Rating:** TS08 – 20A, 600V

TS10 – 30A, 600V

Wire Range: See Table**Housing Material:** Polyamide Type 6/6, 94V2 (white)**Contact Material:** nickel-plated Brass**Wire Protector:** Stainless Steel**Screw Size:** See Table**Operating Temperature:** 105°C (221°F) max., -30°C (-22°F) min.**Torque Rating:** See Table**Construction:** Mold to Length**Agency Information:** UL File E62622; CE CertifiedNote: TS Series
standard base
pictured above**Dimensions**

WIRE PROTECTOR

# of Poles	A Dimensions			
	TS08		TS10	
	mm	in	mm	in
2	15.80	0.622	17.50	0.689
3	23.80	0.937	27.50	1.083
4	31.80	1.252	37.50	1.476
5	39.80	1.567	47.50	1.870
6	47.80	1.882	57.50	2.264
7	55.80	2.232	67.50	2.657
8	63.80	2.512	77.50	3.051
9	71.80	2.827	87.50	3.445
10	79.80	3.142	97.50	3.839
11	87.80	3.457	107.50	4.232
12	95.80	3.772	117.50	4.626

Position	Torque lb-in	Clamping Area	Wire Range AWG (Cu)	Screw	Dimensions mm (in)				
					B	C	D	E	F
TS0805	3.5	4.0mm ²	22-12 Sol./Str.	M2.6x5	16.30 (0.64)	16.90 (0.67)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS0806	3.5	1.5mm ²	22-12 Sol./Str.	M2.6x5	16.30 (0.64)	16.90 (0.67)	8.00 (0.32)	2.90 (0.11)	2.8±0.1 (0.11)
TS1005	4.4	6.0mm ²	22-10 Sol. 14-10 Str.	M3.0x6	20.20 (0.80)	20.10 (0.79)	10.00 (0.39)	3.60 (0.14)	3.2±0.1 (0.13)
TS1006	4.4	2.5mm ²	22-12 Sol./Str. 10 Sol.	M3.0x6	20.20 (0.80)	20.10 (0.79)	10.00 (0.39)	3.60 (0.14)	3.2±0.1 (0.13)

Part Numbering System**Spacing**08
10**Base**05 - stand offs
06 - stand offs w/
wire protector**Positions**

02 to 12

EUROMAG (EM) SERIES

Aside from the collection covered in the next section, MAGNUM also offers a variety of other standard European style PCB terminal blocks. Configurations include straight to board, plug and header, screwless, insulation displacement connectors (IDC), 2-tiered, 3-tiered, mold-to-length, modular (stackable) design, and terminal blocks with horizontal, vertical, 35 and 45 degree wire entry orientations. Available center spacings range from 2.54 mm to 15.00 mm.

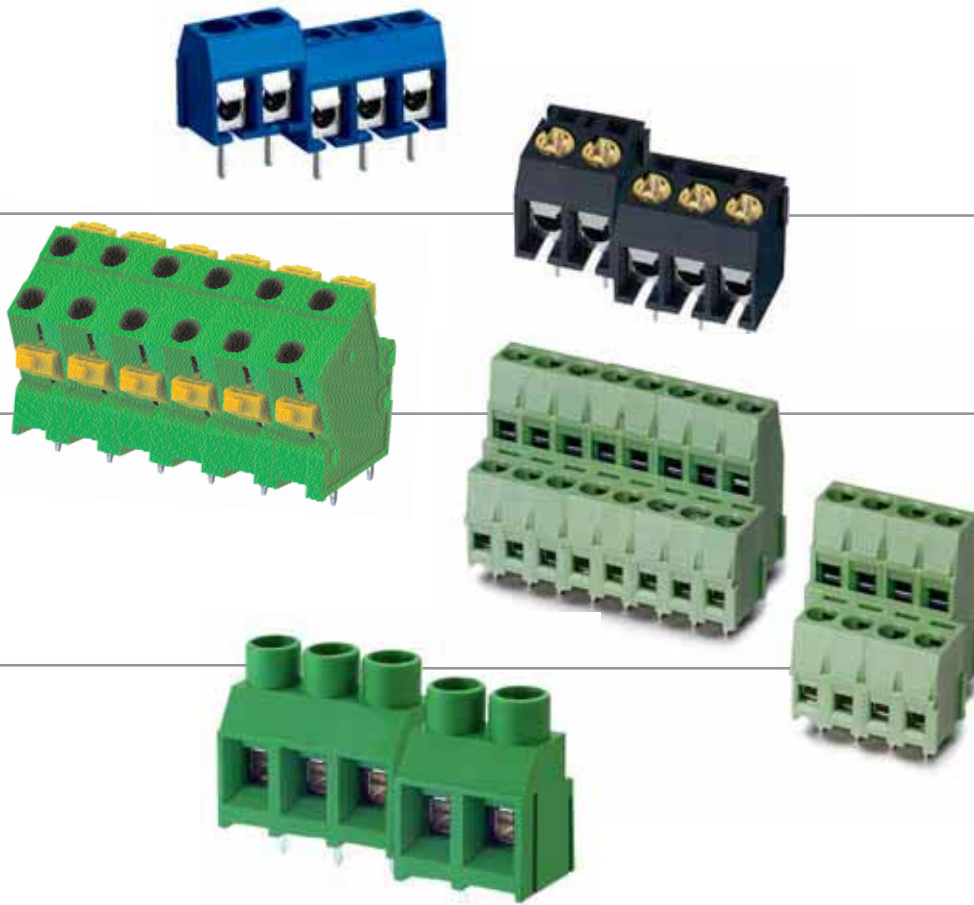
Log onto our website at
www.cooperbusssmann.com/magnum
to see all of MAGNUM's product offerings.

PCB Mount:

- Spring Clamp Design p38-46
- Cage Clamp Design p47-57
- Two & Three Tier p58-62
- High Current (28A-115A) p63-73

Screwless p74-82

Pluggable p83-115



EM3123 Series Euro-Mag Terminal Blocks

3.50 Centers; Modular

SPECIFICATIONS

Rating: 6A, 300V

Center Spacing: 0.138" (3.50mm)

Wire Range: #16-26 AWG

Housing Material: Black Polyamide Type 6/6, 94V0

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.0 Chromate Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 2.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

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

Agency Information: eNUS File E62622; CE Certified



EM312305

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	7.0	14	49.5
3	10.5	15	52.5
4	14.0	16	56.0
5	17.5	17	59.5
6	21.0	18	63.0
7	24.5	19	66.5
8	28.0	20	70.0
9	31.5	21	73.5
10	35.0	22	77.0
11	38.5	23	80.5
12	42.0	24	84.0
13	45.5		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3123

02 to 24

EM2665 Series

Euro-Mag Terminal Blocks

5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Wire Range: #14-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3x5 Zinc-Plated Steel

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

Torque Rating: 7 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

Connector Style: Spring Clamp

Agency Information: eNUS File E62622; CE Certified



EM266512

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

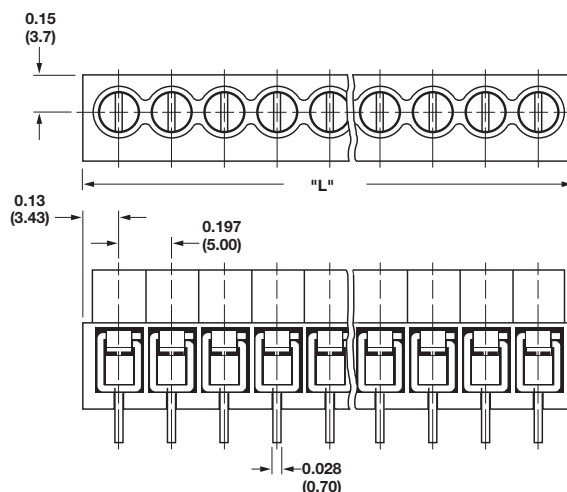
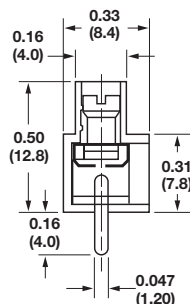
Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Position	L (mm)	Position	L (mm)
02	10.0	14	70.0
03	15.0	15	75.0
04	20.0	16	80.0
05	25.0	17	85.0
06	30.0	18	90.0
07	35.0	19	95.0
08	40.0	20	100.0
09	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4



Also available in 10.00mm (EM2661XX).

Part Numbering System

Series

of Positions

EM2665

□ □

02 to 24

EM3660 Series Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 250V

Center Spacing: 0.197" (5.00mm)

Wire Range: #16-24 AWG

Housing Material: Blue Polyamide Type 6/6, 94V0

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M3 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 4.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

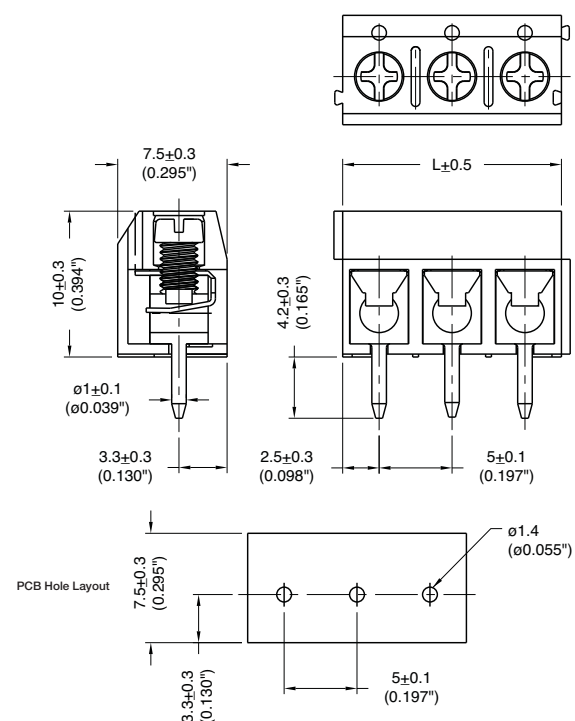
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  File E62622; CE Certified



EM366005

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3660

□ □

02 to 24

EM3665 Series

Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #16-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Screw Size: M2.5x5 Zinc-Plated Steel

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

Torque Rating: 2.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

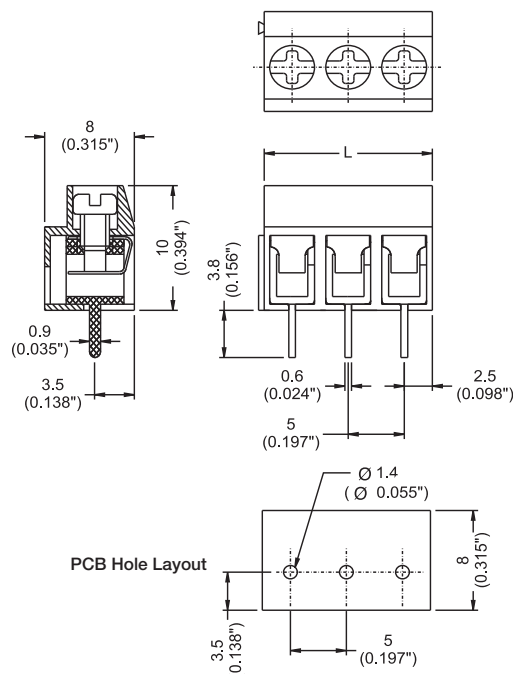
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Connector Style: Spring Clamp

Agency Information: cULus File E62622; CE Certified



Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3665

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM3675 Series

Euro-Mag Terminal Blocks

5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Screw Size: M2x6, Nickel-Plated Steel

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

Torque Rating: 4.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

Connector Style: Spring Clamp

Agency Information:  File E62622; CE Certified

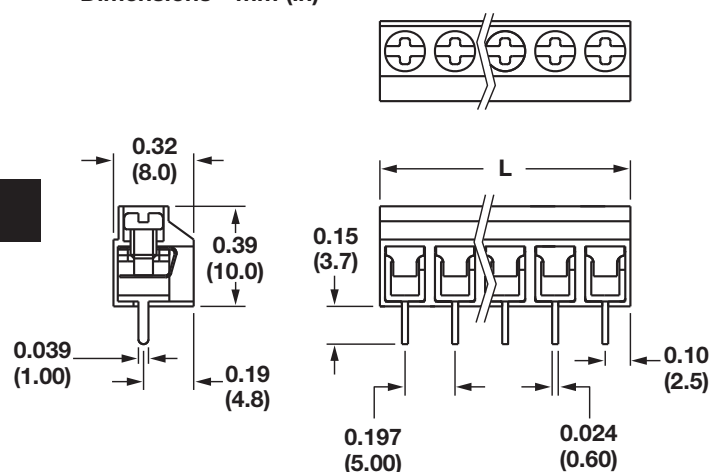


EM367512

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	15	75.0
3	15.0	16	80.0
4	20.0	17	85.0
5	25.0	18	90.0
6	30.0	19	95.0
7	35.0	20	100.0
8	40.0	21	105.0
9	45.0	22	110.0
10	50.0	23	115.0
11	55.0	24	120.0
12	60.0	25	125.0
13	65.0	26	130.0
14	70.0	27	135.0

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3675

□ □

02 to 27

EM3127 Series

Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.295" (7.50mm)

Wire Range: #14-22 AWG

Housing Material: Black Polyamide Type 6/6, 94V0

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M3.0 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 3.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

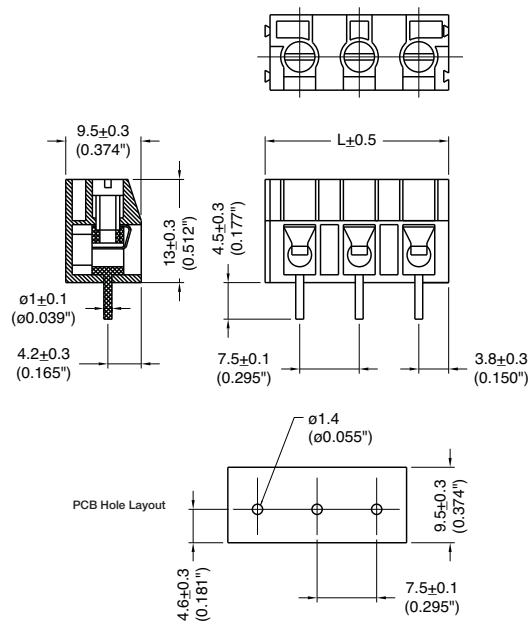
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  US File E62622; CE Certified



EM312705

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.0	14	105.0
3	22.5	15	112.5
4	33.0	16	120.0
5	37.5	17	127.5
6	45.0	18	133.0
7	52.5	19	142.5
8	60.0	20	150.0
9	67.5	21	157.5
10	75.0	22	165.0
11	82.5	23	172.5
12	90.0	24	180.0
13	97.5		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3127

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM2661 Series

Euro-Mag Terminal Blocks

10.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.394" (10.00mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.6 Chromate Steel

Operating Temperature: 105°C (221°F) max., -55°C (-40°F) min.

Torque Rating: 4.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified



EM266106

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.0	8	75.0
3	25.0	9	85.0
4	35.0	10	95.0
5	45.0	11	105.0
6	55.0	12	115.0
7	65.0	13	125.0

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2661

02 to 13

EM3661 Series

Euro-Mag Terminal Blocks

10.00 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.394" (10.00mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.6 Chromate Steel

Operating Temperature: 105°C (221°F) max., -55°C (-40°F) min.

Torque Rating: 4.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

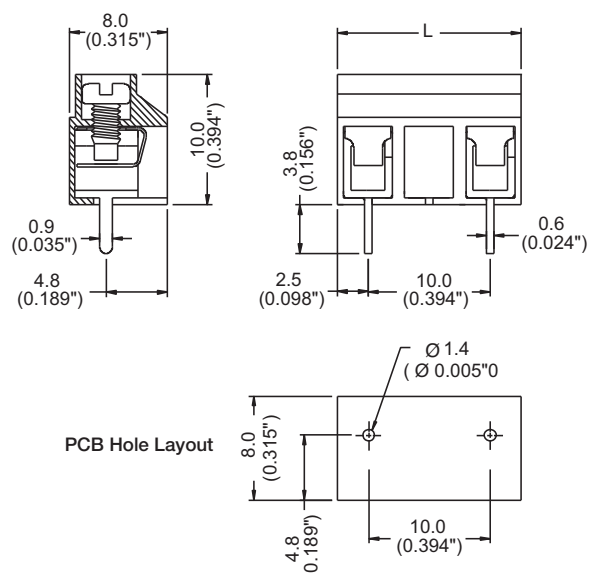
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  US File E62622; CE Certified



EM366102

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.0	9	50.0
3	20.0	10	55.0
4	25.0	11	60.0
5	30.0	12	65.0
6	35.0	13	70.0
7	40.0	14	75.0
8	45.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3661

□□

02 to 14

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM3671 Series

Euro-Mag Terminal Blocks

10.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.394" (10.00mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.6 Chromate Steel

Operating Temperature: 105°C (221°F) max., -55°C (-40°F) min.

Torque Rating: 4.0 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

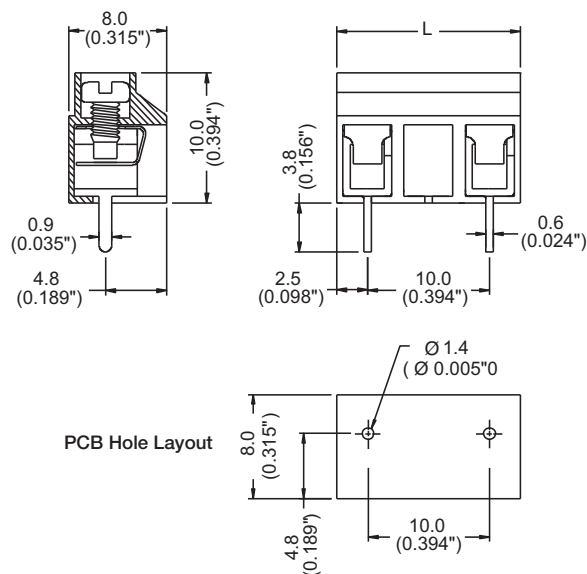
Construction: Mold-to-Length

Agency Information: e_{US} File E62622; CE Certified



EM367106

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.0	8	75.0
3	25.0	9	85.0
4	35.0	10	95.0
5	45.0	11	105.0
6	55.0	12	115.0
7	65.0	13	125.0

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3671

02 to 13

02 to 13

EM3923 Series

Euro-Mag Terminal Blocks

3.50 Centers; Modular

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.138" (3.50mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.0 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-67°F) min.

Torque Rating: 2.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

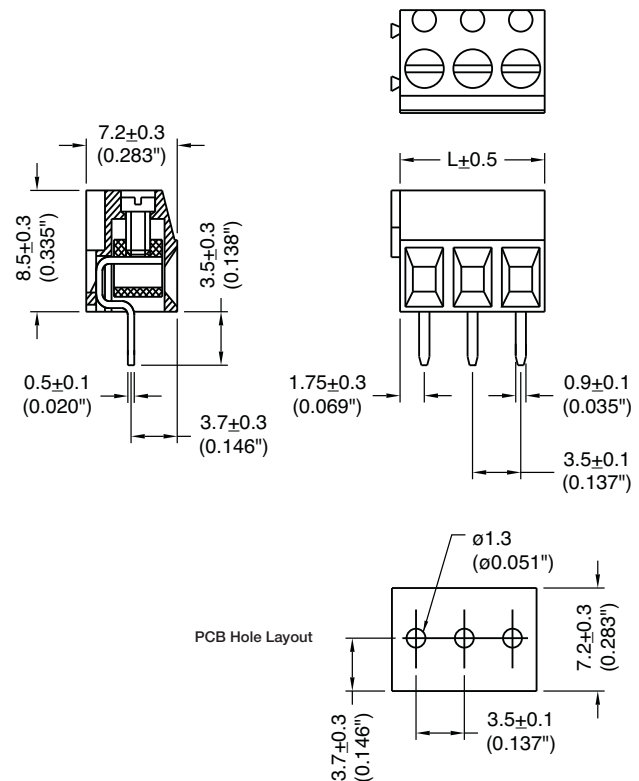
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  US File E62622; CE Certified



EM392305

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	7.0	14	49.5
3	10.5	15	52.5
4	14.0	16	56.0
5	17.5	17	59.5
6	21.0	18	63.0
7	24.5	19	66.5
8	28.0	20	70.0
9	31.5	21	73.5
10	35.0	22	77.0
11	38.5	23	80.5
12	42.0	24	84.0
13	45.5		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3923

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM3503 Series Euro-Mag Terminal Blocks

3.81 Centers; Modular

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.150" (3.81mm)

Wire Size: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M 2x3 Zinc-Plated Steel

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

Torque Rating: 4.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

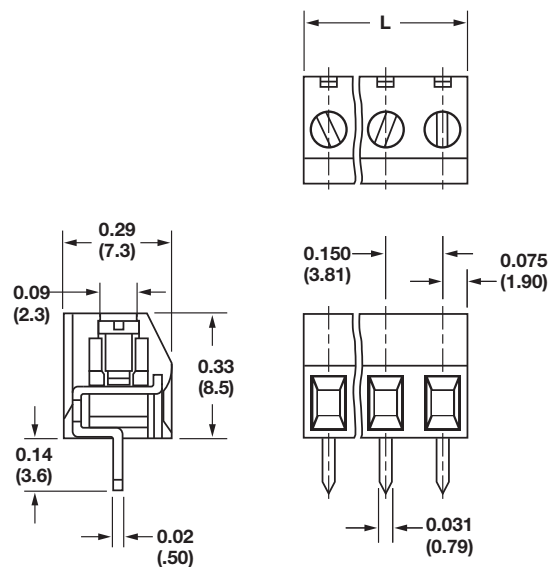
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  File E62622; CE Certified



EM350305

Dimensions - mm (in)



To convert to inches, divide by 25.4

Poles	L (mm)	Poles	L (mm)
2	7.62	14	53.34
3	11.43	15	57.15
4	15.24	16	60.96
5	19.05	17	64.77
6	22.86	18	68.58
7	26.67	19	72.39
8	30.48	20	76.20
9	34.29	21	80.01
10	38.10	22	83.82
11	41.91	23	87.63
12	45.72	24	91.44
13	49.53		

Part Numbering System

Series

of Positions

EM3503

02 to 24

EM2585 Series Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3x5 Zinc-Plated Steel

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

Torque Rating: 7 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 Clamp

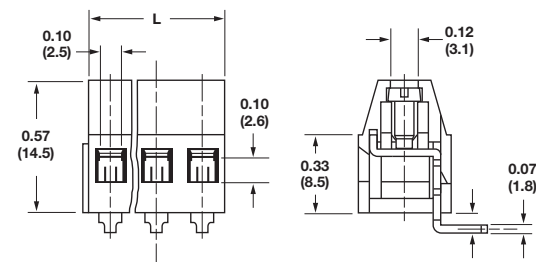
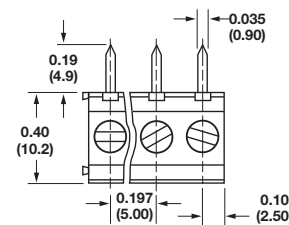
Agency Information: cULus File E62622; CE Certified



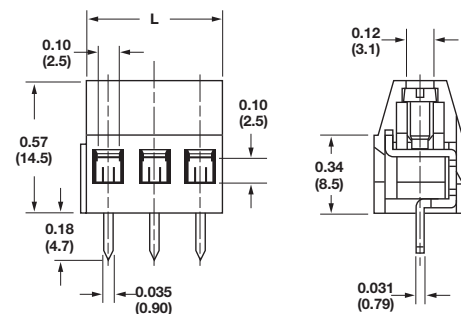
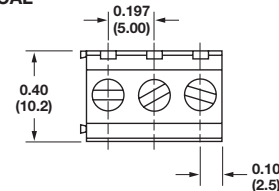
EM258505V

Dimensions - mm (in)

HORIZONTAL



VERTICAL



Position	L (mm)	Position	L (mm)
02	10.0	14	70.0
03	15.0	15	75.0
04	20.0	16	80.0
05	25.0	17	85.0
06	30.0	18	90.0
07	35.0	19	95.0
08	40.0	20	100.0
09	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2585

of Positions

02 to 24

Orientation

H - horizontal
V - vertical

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM3225 Series**Euro-Mag Terminal Blocks**

35° Angle; 5.00 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)

Consult factory for 0.393" (10.00mm)

Wire Range: #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 nickel-plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 5 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

EM322505

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3225

02 to 24

EM2205 Series**Euro-Mag Terminal Blocks**

45° Angle, 5.00 Centers, Modular

SPECIFICATIONS**Rating:** 10A, 300V**Center Spacing:** 0.197" (5.00mm)

Consult factory for 0.393" (10.00mm)

Wire Range: #12-24 AWG**Housing Material:** Grey Polyamide Type 6/6, 94V0**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Tin-Plated**Screw Size:** M2.6 Chromate Steel**Operating Temperature:** 105°C (221°F) max., -33°C (-27°F) min.**Torque Rating:** 3.5 lb-in.**Recommended PCB Hole Diameters:** 0.055" (1.40mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  US File E62622; CE Certified

EM220505

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM2205

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2505 Series Euro-Mag Terminal Blocks

5.08 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Consult factory for 0.40" (10.16mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3x5 Zinc-Plated Steel

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

Torque Rating: 7 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

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

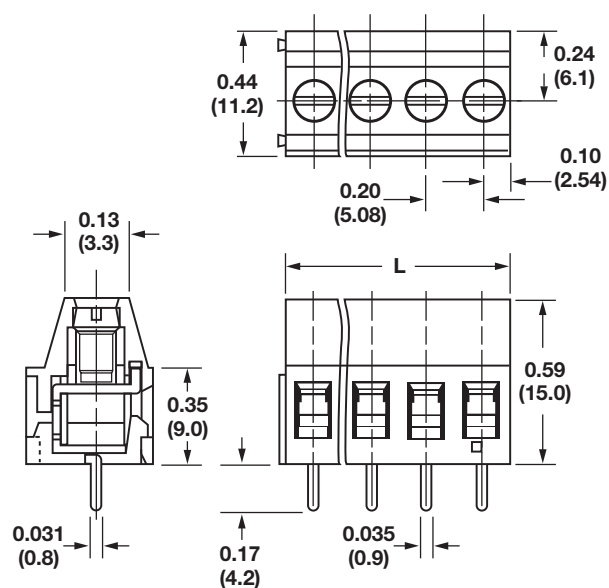
Connector Style: Rising Cage Clamp

Agency Information:  File E62622; CE Certified



EM250505V

Dimensions - mm (in)



Position	L (mm)	Position	L (mm)
02	10.16	14	71.12
03	15.24	15	76.20
04	20.32	16	81.28
05	25.40	17	86.36
06	30.48	18	91.44
07	35.56	19	96.52
08	40.64	20	101.60
09	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

Series

EM2505

of Positions

02 to 24

Orientation

V - vertical

EM3228 Series**Euro-Mag Terminal Blocks**

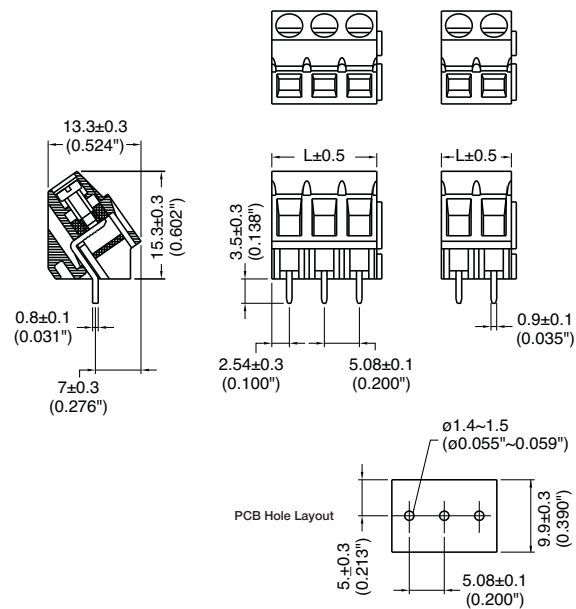
35° Angle; 5.08 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.20" (5.08mm)

Consult factory for 0.40" (10.16mm)

Wire Range: #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 5 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

EM322805

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.16	14	72.12
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**Series****# of Poles**

E	M	3	2	2	8		
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02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2507 Series

Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.295" (7.50mm)

Wire Range: #14-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-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)

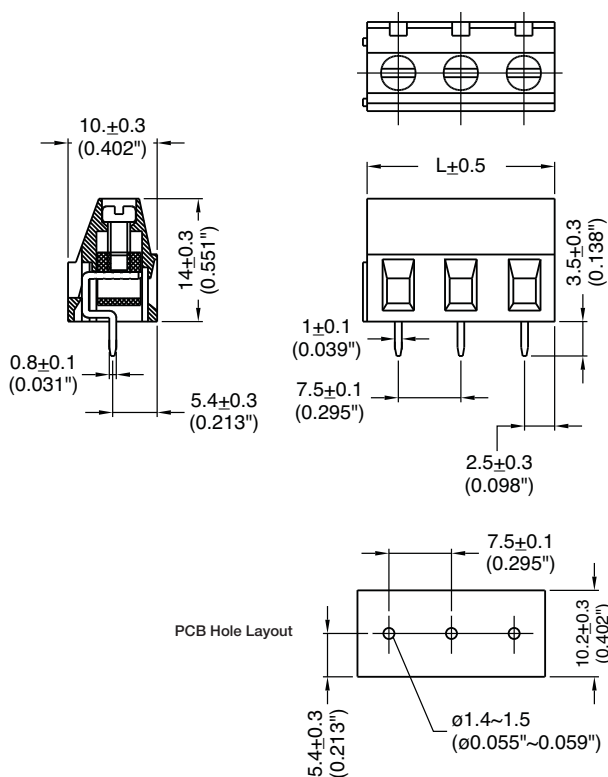
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information: cULus File E62622; CE Certified



EM250705

Dimensions - mm (in)



To convert to inches, divide by 25.4

Poles	L (mm)	Poles	L (mm)
2	15.0	14	105.0
3	22.5	15	112.5
4	33.0	16	120.0
5	37.5	17	127.5
6	45.0	18	133.0
7	52.5	19	142.5
8	60.0	20	150.0
9	67.5	21	157.5
10	75.0	22	165.0
11	82.5	23	172.5
12	90.0	24	180.0
13	97.5		

Part Numbering System

Series

of Poles

EM2507

02 to 24

EM3227 Series**Euro-Mag Terminal Blocks**

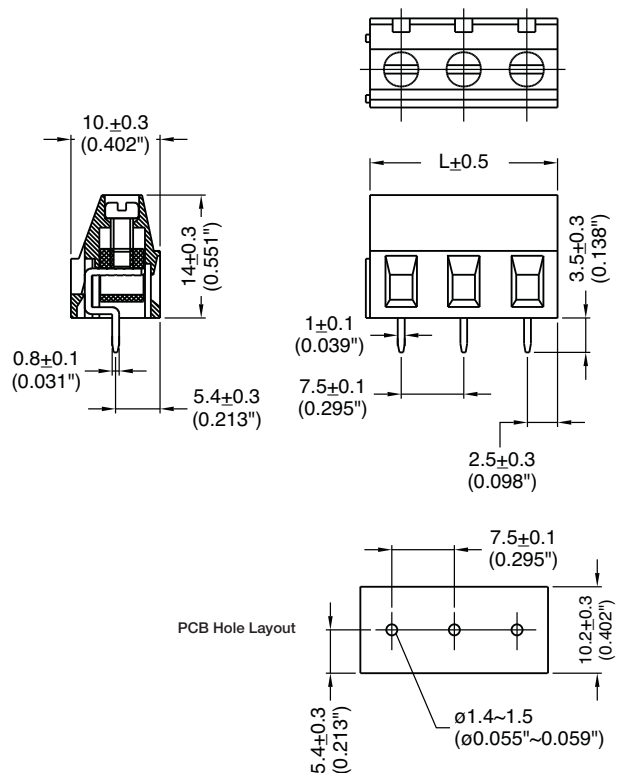
35° Angle, 7.50 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.295" (7.50mm)

Consult factory for 0.40" (10.16mm)

Wire Range: #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-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

EM322705

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	15.0	14	105.0
3	22.5	15	112.5
4	33.0	16	120.0
5	37.5	17	127.5
6	45.0	18	133.0
7	52.5	19	142.5
8	60.0	20	150.0
9	67.5	21	157.5
10	75.0	22	165.0
11	82.5	23	172.5
12	90.0	24	180.0
13	97.5		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

E	M	3	2	2	7		
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02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2506 Series Euro-Mag Terminal Blocks

7.62 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-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)

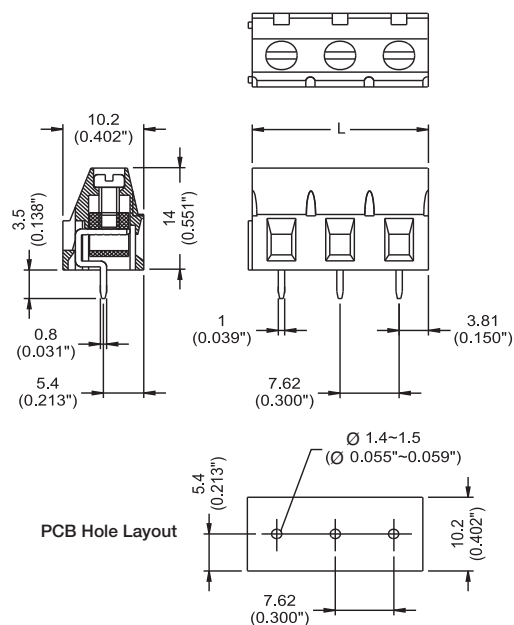
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  File E62622; CE Certified



EM250605

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.24	14	106.69
3	22.86	15	114.31
4	30.48	16	121.93
5	38.10	17	129.55
6	45.72	18	137.17
7	53.34	19	144.79
8	60.96	20	152.41
9	68.58	21	160.03
10	76.20	22	167.65
11	83.82	23	175.27
12	91.44	24	182.89
13	99.07		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2506

□ □

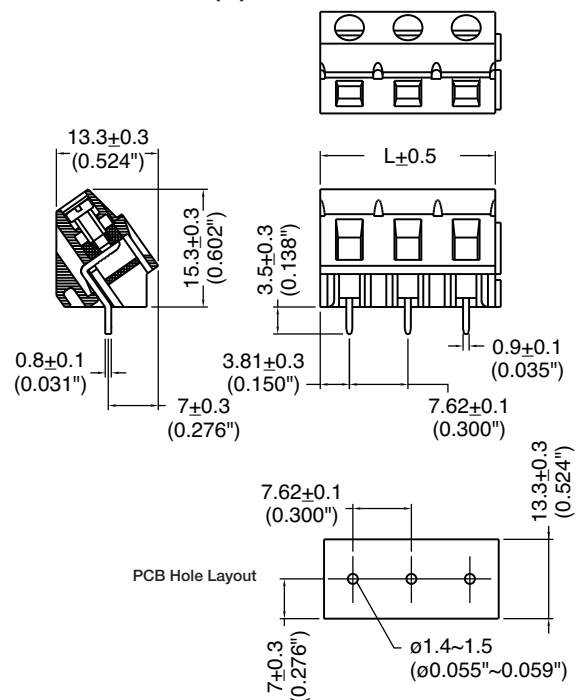
02 to 24

EM3226 Series**Euro-Mag Terminal Blocks**

35° Angle, 7.62 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.30" (7.62mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-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:**  US File E62622; CE Certified

EM322605

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2*	15.24	14	106.69
3*	22.86	15	114.31
4	30.48	16	121.93
5	38.10	17	129.55
6	45.72	18	137.17
7	53.34	19	144.79
8	60.96	20	152.41
9	68.58	21	160.03
10	76.20	22	167.65
11	83.82	23	175.27
12	91.44	24	182.89
13	99.07		

* Mold To Length

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3226

□□

02 to 24

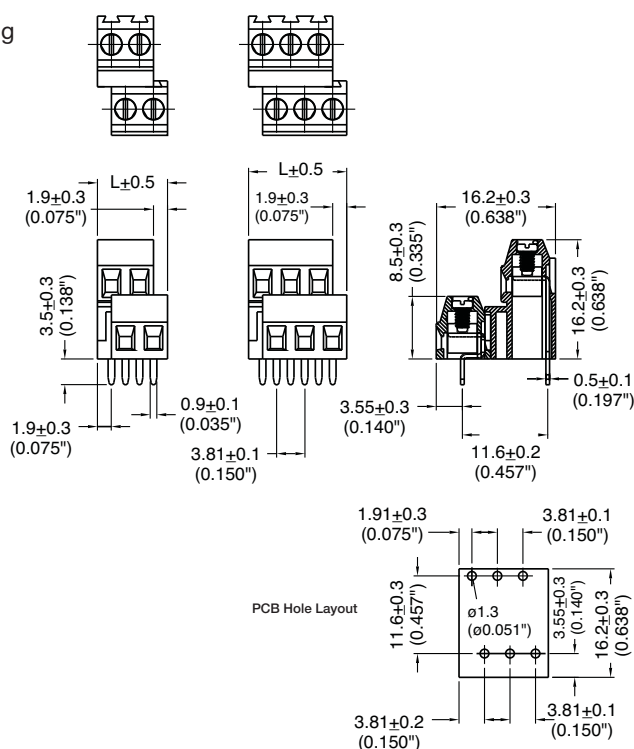
EM2403 Series**Euro-Mag Terminal Blocks**

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 Clamp:** Brass, Nickel-Plated**Screw Size:** M2.0 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 2.5 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

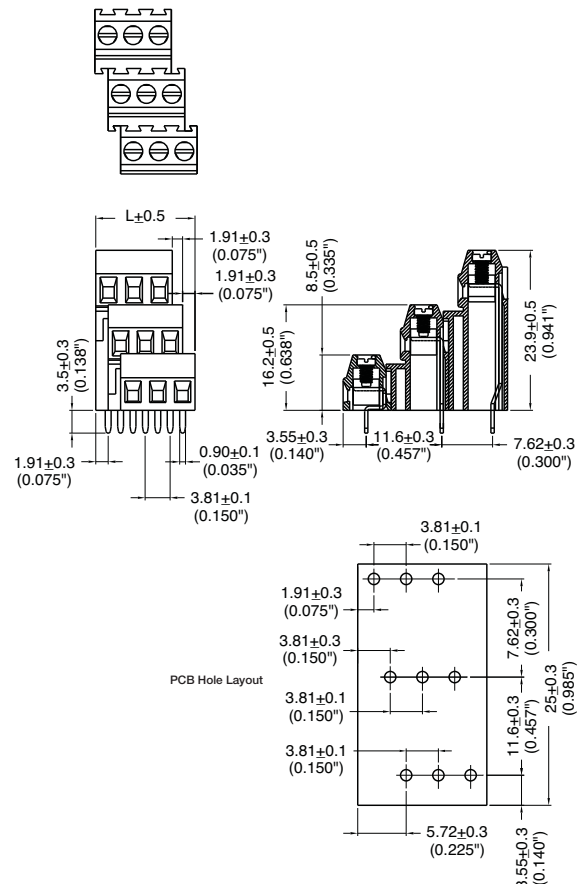
02 - 12

EM2803 Series**Euro-Mag 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 Clamp:** Brass, Nickel-Plated**Screw Size:** M2.0 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 2.5 lb-in.**Recommended PCB Hole Diameters:** 0.055" (1.40mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  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

EM2445 Series**Euro-Mag Terminal Blocks**

Two Tier; 5.00 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin Plated Brass**Screw Size:** M2x6 Nickel-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 Clamp**Agency Information:**  File E62622; CE Certified

EM244508

EM244504

Dimensions - mm (in)

To convert to inches, divide by 25.4

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

Part Numbering System

Series

of Poles

EM2445

□□

02 to 24

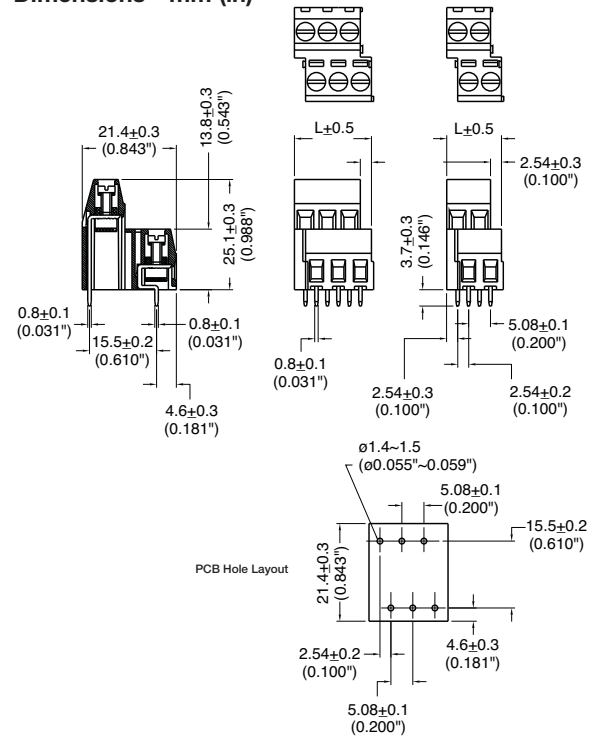
EM2448 Series**Euro-Mag Terminal Blocks**

Two Tier; 5.08 Centers; Modular

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.20" (5.08mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Recommended PCB Hole Diameters:** 0.055" (1.40mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  US File E62622; CE Certified

EM244808

EM244804

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**Series****# of Poles**

EM2448

□□

02 to 24

EM2855 Series Euro-Mag Terminal Blocks

Three Tier; 5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass Nickel-Plated

Screw Size: M26 Steel Chromatized

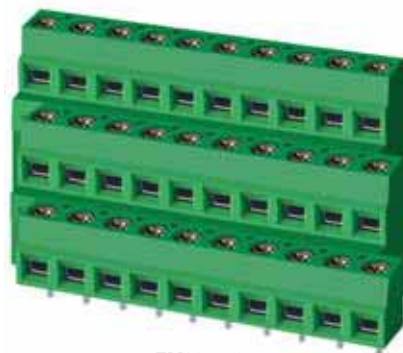
Operating Temperature: 105°C max., -55°C min.

Torque Rating: 4.5 lb-in

Recommended PCB Hole Diameters: 1.30mm (0.051")

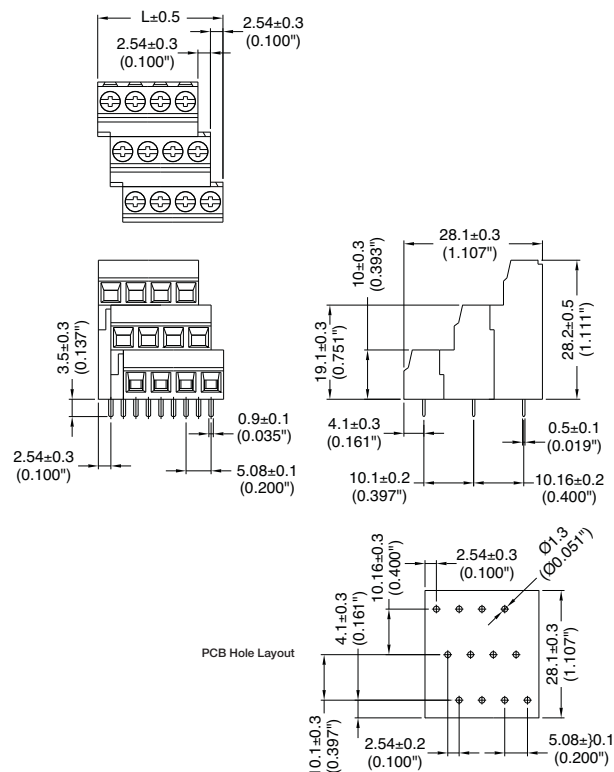
Construction: Mold-to-Length

Agency Information: cULus 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

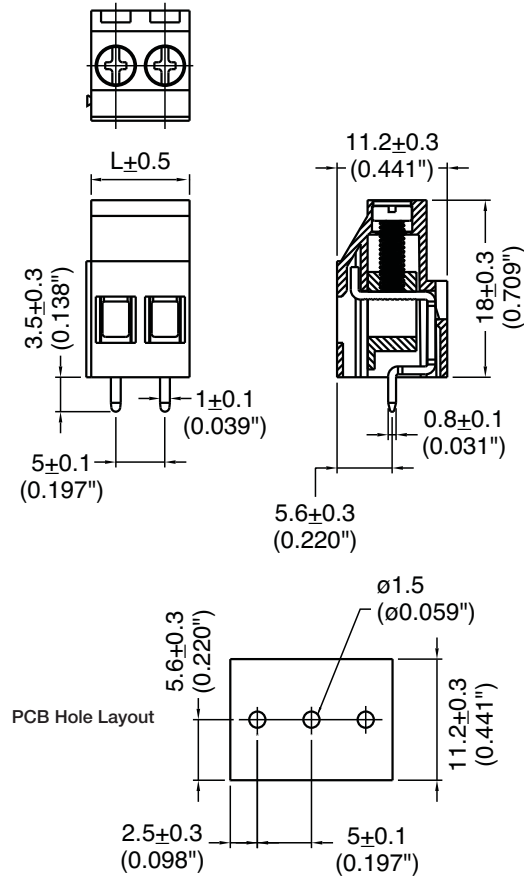
Note: Longer positions, please consult factory.

EM2905 Series**Euro-Mag Terminal Blocks**

High Current; 5.00 Centers; Modular

SPECIFICATIONS**Rating:** 28A, 250V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #12-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 nickel-plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Recommended PCB Hole Diameters:** 0.055" (1.40mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  US File E62622; CE Certified

EM290508

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM2905

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

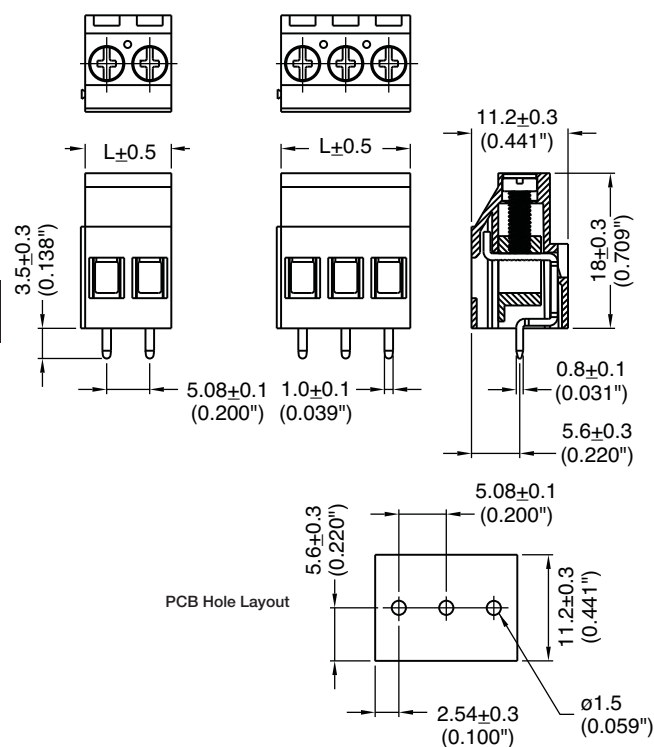
Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2908 Series**Euro-Mag Terminal Blocks**

High Current; 5.08 Centers; Modular

SPECIFICATIONS**Rating:** 28A, 250V**Center Spacing:** 0.20" (5.08mm)**Wire Range:** #12-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 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

EM290808

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

Series

of Poles

EM2908

□□

02 to 24

EM9126 Series

Euro-Mag Terminal Blocks

6.35 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: 0.250" (6.35mm)

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M3.0 Steel Nickel-Plated

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

Torque Rating: 5.5 lb-in.

Recommended PCB Hole Diameters: 0.071" (1.80mm)

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

Agency Information:  File E62622; CE Certified



EM912605

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	12.70	14	88.90
3	19.05	15	95.25
4	25.40	16	101.60
5	31.75	17	107.95
6	38.10	18	114.30
7	44.45	19	120.65
8	50.80	20	127.00
9	57.15	21	133.35
10	63.50	22	139.70
11	69.85	23	146.05
12	76.20	24	152.40
13	82.55		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM9126

02 to 24

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM9127 Series

Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: 0.29" (7.50mm)

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M3.5 Steel Nickel-Plated

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

Torque Rating: 5.5 lb-in.

Recommended PCB Hole Diameters: 0.071" (1.80mm)

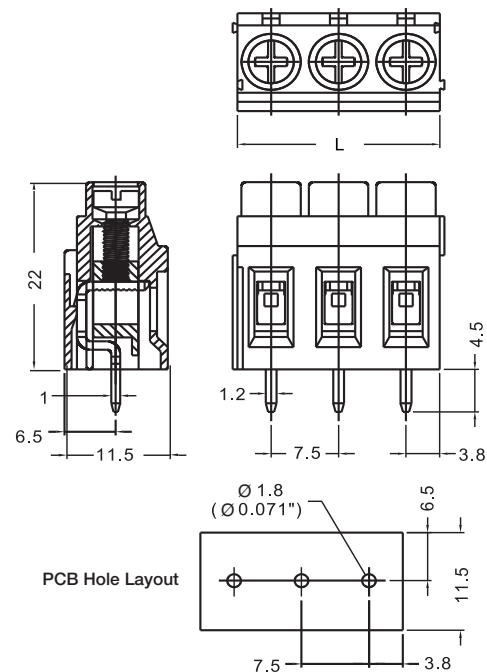
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  File E62622; CE Certified



EM912705

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.0	14	105.0
3	22.5	15	112.5
4	30.0	16	120.0
5	37.5	17	127.5
6	45.0	18	135.0
7	52.5	19	142.5
8	60.0	20	150.0
9	67.5	21	157.5
10	75.0	22	165.0
11	82.5	23	172.5
12	90.0	24	180.0
13	97.5		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM9127

02 to 24

EM9128 Series Euro-Mag Terminal Blocks

7.62 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M3.0 Steel Nickel-Plated

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

Torque Rating: 5.5 lb-in.

Recommended PCB Hole Diameters: 0.071" (1.80mm)

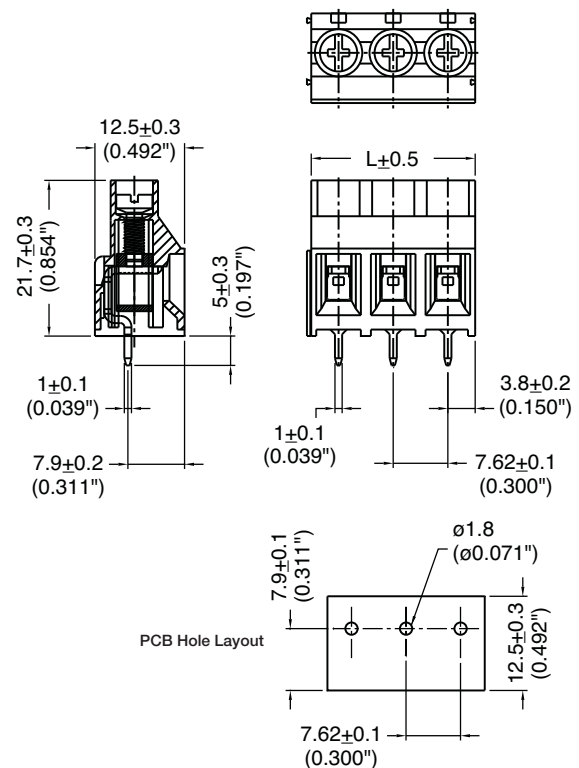
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  US File E62622; CE Certified



EM912805

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	15.24	14	106.68
3	22.86	15	114.30
4	30.48	16	121.92
5	38.10	17	129.54
6	45.72	18	137.16
7	53.34	19	144.78
8	60.96	20	152.40
9	68.58	21	160.02
10	76.20	22	167.64
11	83.82	23	175.26
12	91.44	24	182.88
13	99.06		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM9127

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

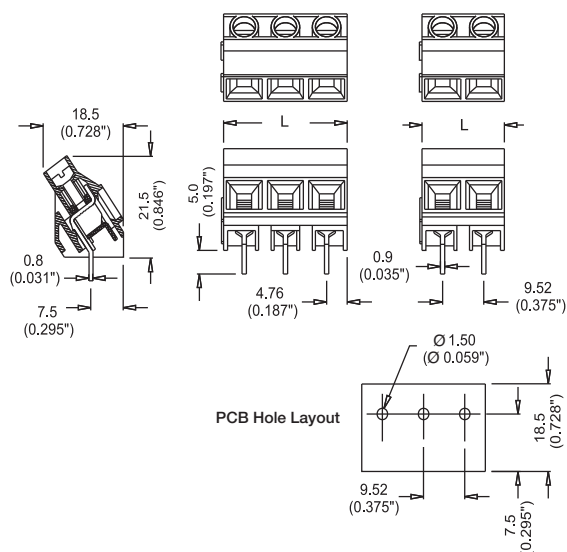
Compliance
References

EM2909 Series**Euro-Mag Terminal Blocks**

35° Angle; 9.52 Centers; Modular

SPECIFICATIONS**Rating:** 30A, 600V**Center Spacing:** 0.375" (9.52mm)**Wire Range:** #10-20 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Steel, Nickel-Plated**Screw Size:** M3.0 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 5.5 lb-in.**Recommended PCB Hole Diameters:** 0.055" (1.40mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  US File E62622; CE Certified

EM290905

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	19.04	14	133.28
3	28.56	15	142.80
4	38.08	16	152.32
5	47.60	17	161.84
6	57.12	18	171.36
7	66.64	19	180.88
8	76.16	20	190.40
9	85.68	21	199.92
10	95.20	22	209.44
11	104.72	23	218.96
12	114.24	24	228.48
13	123.76		

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**EM2909

02 to 24

EM2919 Series

Euro-Mag Terminal Blocks

9.52 Centers; Modular

SPECIFICATIONS

Rating: 30A, 600V

Center Spacing: 0.375" (9.52mm)

Wire Range: #10-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Steel, Nickel-Plated

Screw Size: M3.0 Nickel-Plated Steel

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

Torque Rating: 5.5 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

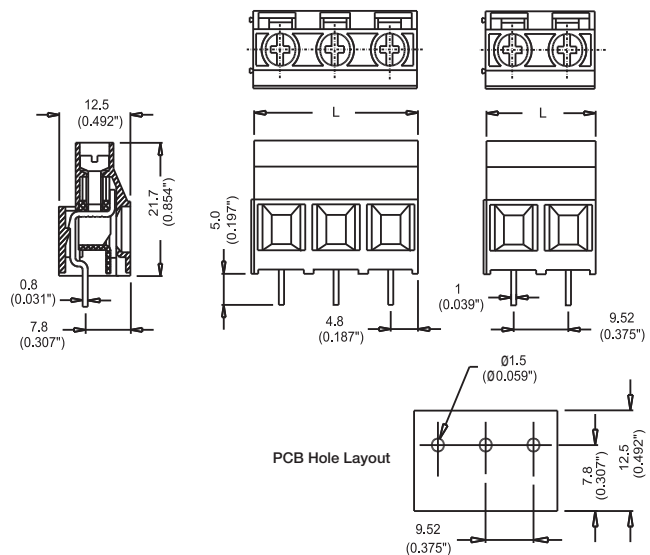
Construction: Modular design features dovetails for interlocking to achieve longer lengths

Agency Information:  US File E62622; CE Certified



EM291905

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	19.04	14	133.28
3	28.56	15	142.80
4	38.08	16	152.32
5	47.60	17	161.84
6	57.12	18	171.36
7	66.64	19	180.88
8	76.16	20	190.40
9	85.68	21	199.92
10	95.20	22	209.44
11	104.72	23	218.96
12	114.24	24	228.48
13	123.76		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2919

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM2929 Series Euro-Mag Terminal Blocks

Hi-Current; 10.16 Centers

SPECIFICATIONS

Rating: 65A, 600V

Center Spacing: 0.40" (10.16mm)

Wire Range: #6-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Copper

Cage Clamp: Steel, Chromate Plated

Screw Size: M4 Stainless Steel

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

Torque Rating: 15 lb-in.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to length

Agency Information: cULus File E62622; CE Certified

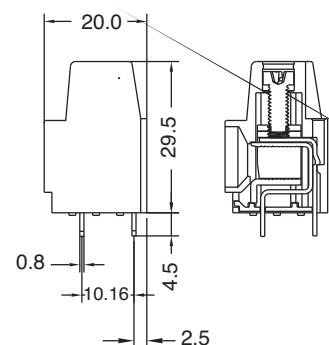
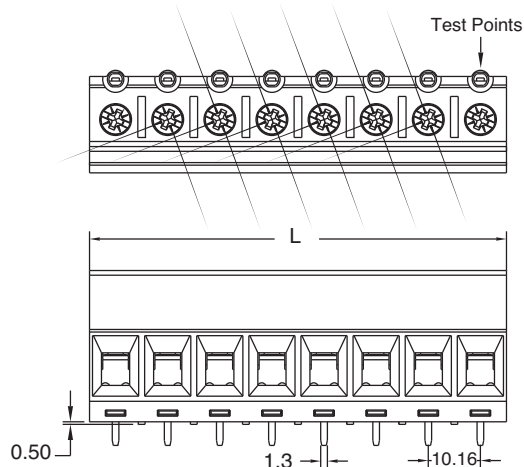


EM292908

Dimensions - mm (in)

Poles	L (mm)
2	20.34
3	30.50
4	40.66
5	50.82
6	60.98
7	71.14
8	81.30

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2929

02 08

02 to 08

EM2939 Series

Euro-Mag Terminal Blocks

Hi-Current, 15.00 Centers

SPECIFICATIONS

Rating: 115A, 600V with No Bottom Cover (NC) Option.

Center Spacing: 0.591" (15.00mm)

Wire Range: #2-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Copper

Cage Clamp: Steel, Chromate-Plated

Screw Size: M5 Stainless Steel

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

Torque Rating: 15 lb-in.

Recommended PCB Hole Diameters: 0.063" (1.60mm)

Construction: Mold to length

Agency Information:  US File E62622; CE Certified



EM293908

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Dimensions - mm (in)

Poles	L (mm)
2	30.0
3	45.0
4	60.0
5	75.0
6	90.0
7	105.0
8	120.0

To convert to inches, divide by 25.4



Part Numbering System

Series

EM2939

of Poles

02 to 08

Bottom Cover Option

(NC)

N C

*NC = No Bottom Cover

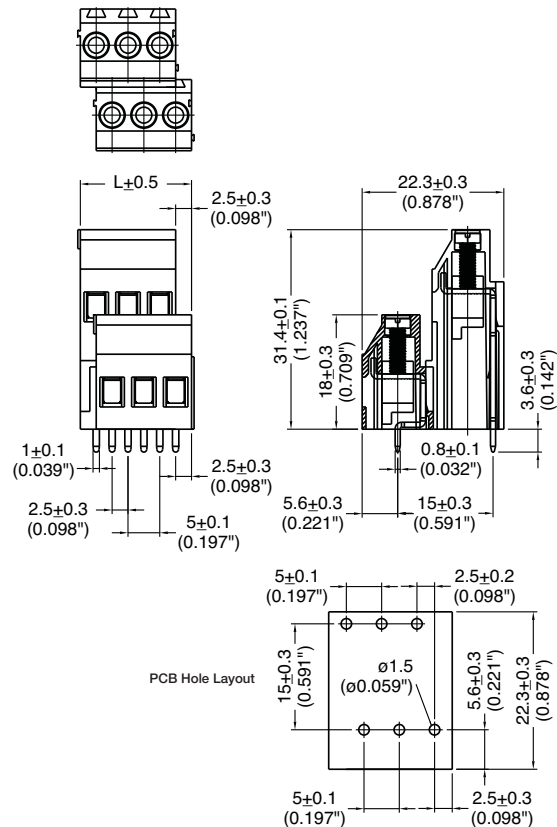
EM3905 Series**Euro-Mag Terminal Blocks**

High Current; Two Tier; 5.00 Centers; Modular

SPECIFICATIONS**Rating:** 28A, 250V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #12-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 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

EM390508

EM390504

Dimensions - mm (in)

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**EM3905

02 to 24

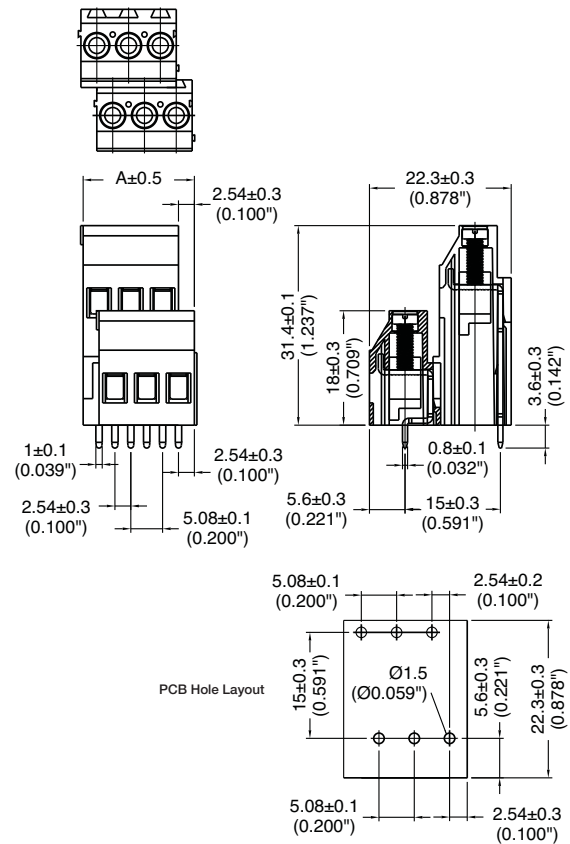
EM3908 Series**Euro-Mag Terminal Blocks**

High Current; Two-Tier; 5.08 Centers; Modular

SPECIFICATIONS**Rating:** 28A, 250V**Center Spacing:** 0.20" (5.08mm)**Wire Range:** #12-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 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

EM390808

EM390804

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

Series

of Poles

EM3908

□□

02 to 24

EM2742 Series Euro-Mag Terminal Blocks

Screwless; 2.54 Centers

SPECIFICATIONS

Rating: 6A, 63V

Center Spacing: 0.10" (25.4mm)

Wire Range: #20-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

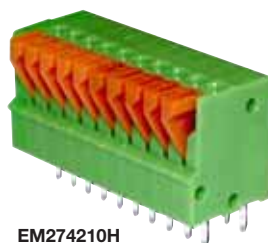
Spring Material: Stainless Steel

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

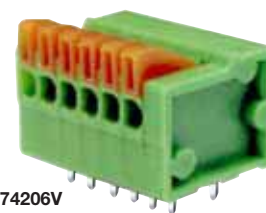
Recommended PCB Hole Diameters: 0.051" (1.30mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



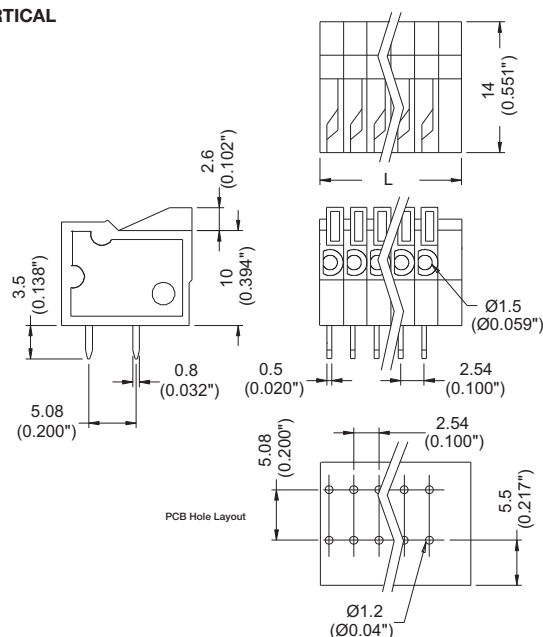
EM274210H



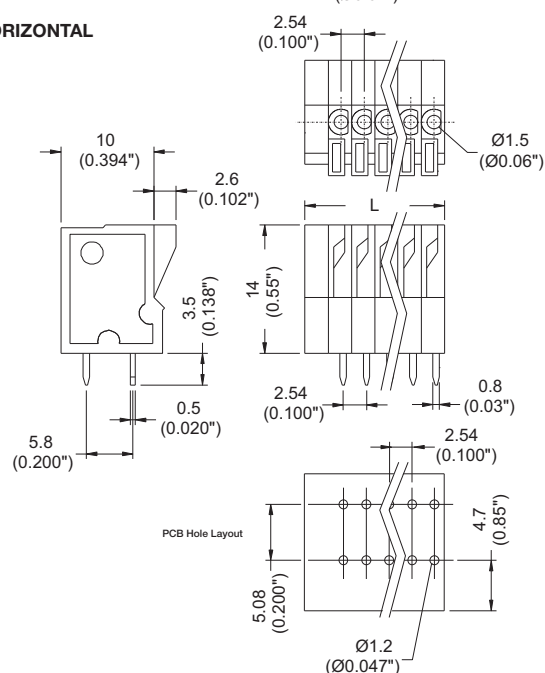
EM274206V

Dimensions - mm (in)

VERTICAL



HORIZONTAL



Poles	L (mm)	Poles	L (mm)
2	8.08	10	30.94
3	10.62	11	33.48
4	13.16	12	36.02
5	15.70	13	38.56
6	18.24	14	41.10
7	20.78	15	43.64
8	23.32	16	46.18
9	25.86		

To convert to inches, divide by 25.4

Part Numbering System

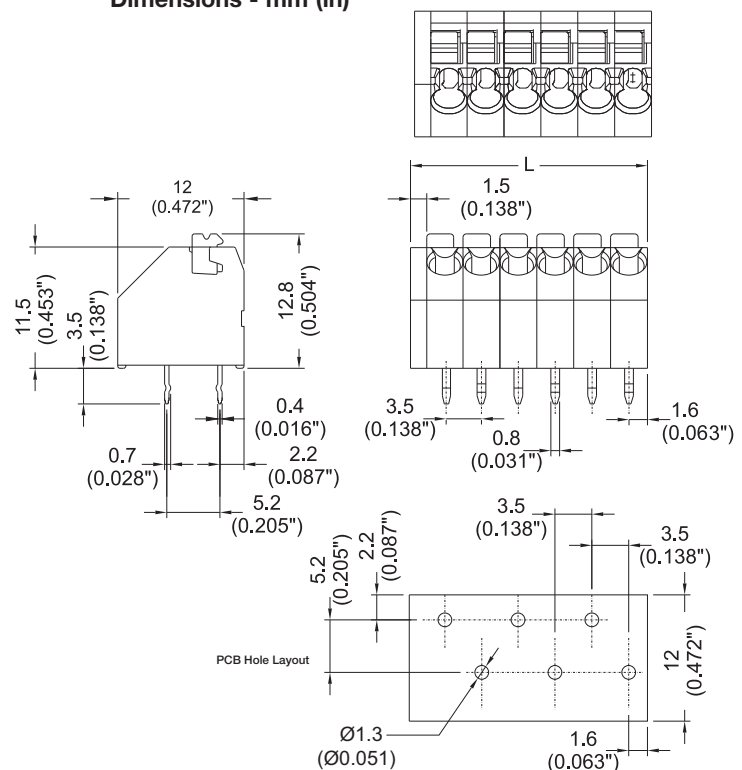
Series	# of Poles	Orientation
EM2742	02 to 16	H - horizontal V - vertical

EM2783 Series**Euro-Mag Terminal Blocks**

45° Entry; Screwless; 3.50 Centers

SPECIFICATIONS**Rating:** 2A, 300V**Center Spacing:** 0.136" (3.50mm)**Wire Range:** #16-20 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin Plated Phos Bronze**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.051" (1.30mm)**Construction:** Mold-to-Length**Agency Information:**  US File E62622; CE Certified

EM278305

Dimensions - mm (in)

Poles	L (mm)
2	8.5
4	15.5
6	22.5
8	29.5
10	36.5
12	43.5
14	50.5
16	57.5
18	64.5
20	71.5
22	78.5
24	92.5

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM2783

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

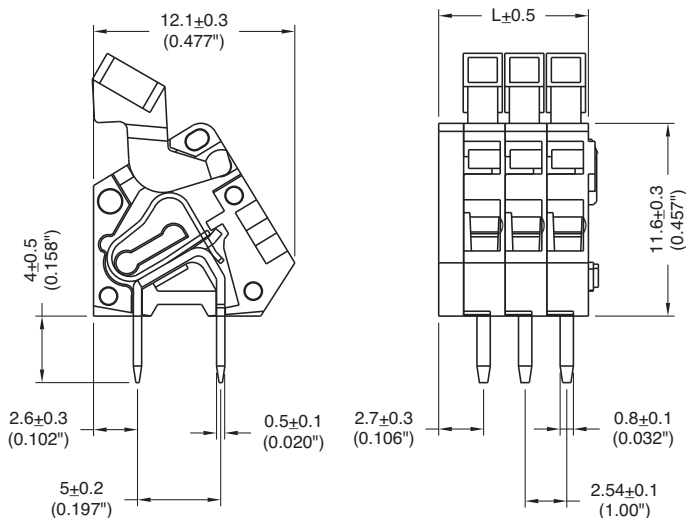
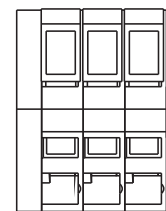
Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2802 Series**Euro-Mag Terminal Blocks**

30° Entry; Screwless; 2.54 Centers

SPECIFICATIONS**Rating:** 4A, 125V**Center Spacing:** 0.10" (2.54mm)**Wire Range:** #20-24 AWG**Housing Material:** Gray Polyamide Type 6/6, 94V0**Contact Material:** Tin-Plated Brass**Spring Material:** Stainless Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.051" (1.30mm)**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM280207

Dimensions - mm (in)

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM2802

□□

02 to 12

EM2785 Series**Euro-Mag Terminal Blocks**

45° Entry; Screwless; Modular; 5.00 Centers

SPECIFICATIONS**Rating:** 7A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #16-22 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Spring Material:** Stainless Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.051" (1.30mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  File E62622; CE Certified

EM278505

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM2785

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

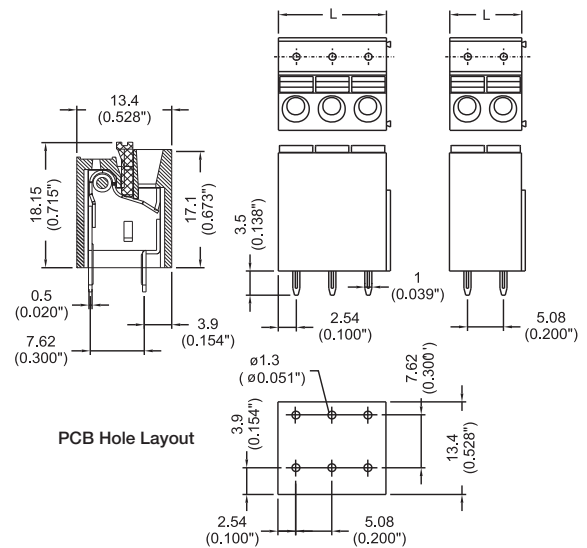
Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM2778 Series**Euro-Mag Terminal Blocks**

Screwless, Modular, 5.08 Centers

SPECIFICATIONS**Rating:** 10A, 250V**Center Spacing:** 0.20" (5.08mm)**Wire Size:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.051" (1.30mm)**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:** cULus File E62622; CE Certified

EM277805

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	101.16
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

Series

of Poles

EM2778

02 to 24

EM2795 Series

Euro-Mag Terminal Blocks

Screwless; 5.08 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

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

Recommended PCB Hole Diameters: 0.051" (1.30mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified

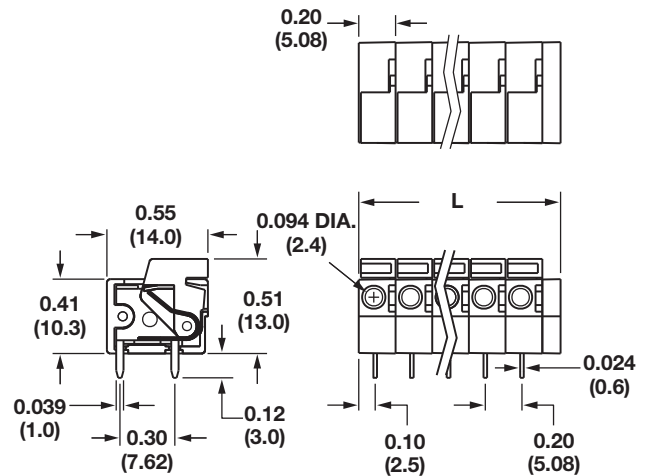


EM279507H

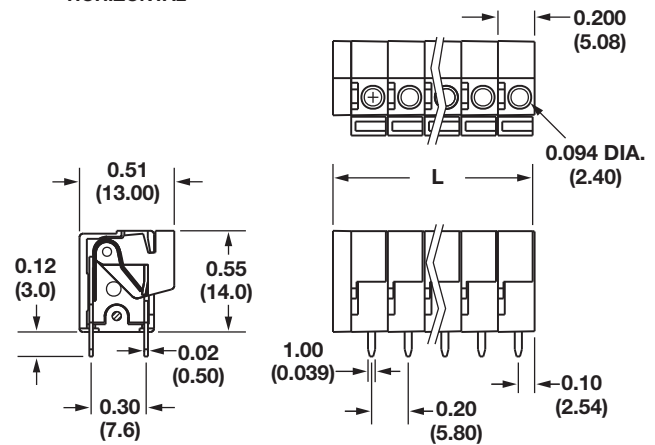
EM279502V

Dimensions - mm (in)

VERTICAL



HORIZONTAL



Part Numbering System

Series

EM2795

of Positions

02 to 16

Orientation

H - horizontal
V - vertical

Poles	L (mm)	Poles	L (mm)
2	12.70	10	68.58
3	17.78	11	73.66
4	22.86	12	78.74
5	27.94	13	83.82
6	33.02	14	88.90
7	38.10	15	93.98
8	43.18	16	99.06
9	48.26		

To convert to inches, divide by 25.4

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM2796 Series

Euro-Mag Terminal Blocks

Screwless; 7.62 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

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

Recommended PCB Hole Diameters: 0.051" (1.30mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



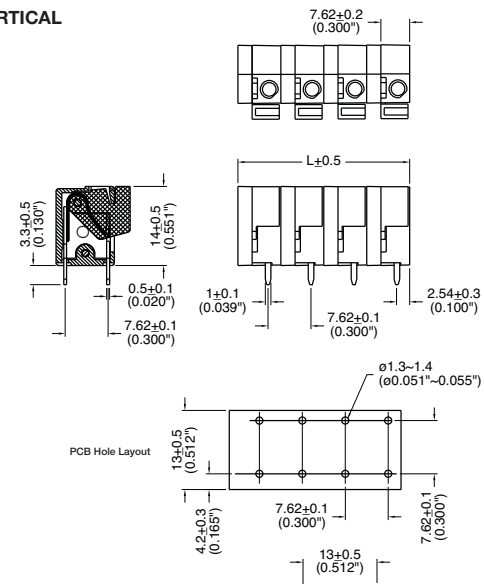
EM279606V



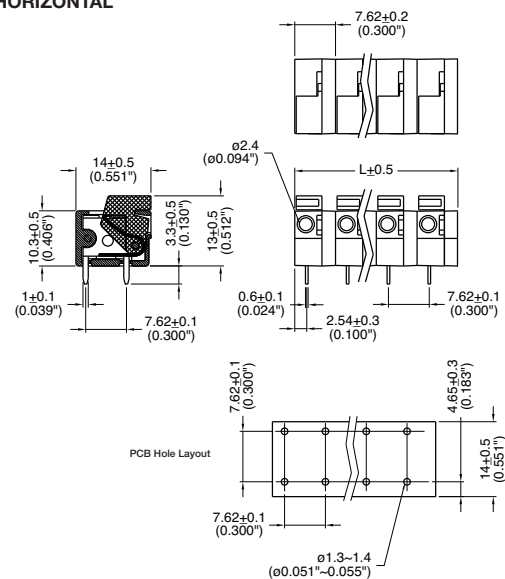
EM279603H

Dimensions - mm (in)

VERTICAL



HORIZONTAL



Poles	L (mm)	Poles	L (mm)
2	15.24	10	76.20
3	22.56	11	83.82
4	30.48	12	91.44
5	37.19	13	99.07
6	45.72	14	106.69
7	53.34	15	114.31
8	60.96	16	121.93
9	68.58		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2796

of Poles

02 to 16

Orientation

H - horizontal
V - vertical

EM2791 Series

Euro-Mag Terminal Blocks

Screwless; 10.16 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.40" (10.16mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

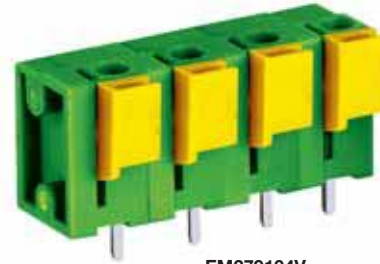
Contact Material: Tin-Plated Brass

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

Recommended PCB Hole Diameters: 0.051" (1.30mm)

Construction: Mold-to-Length

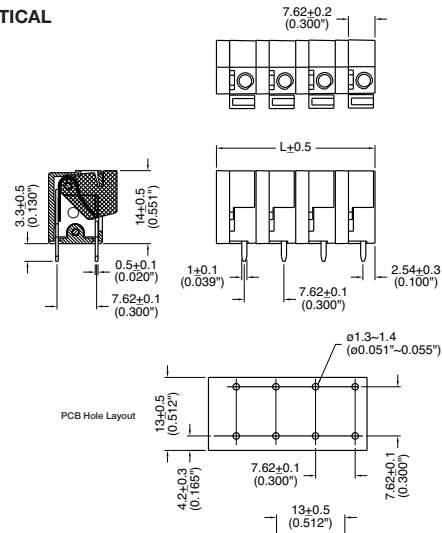
Agency Information:  US File E62622; CE Certified



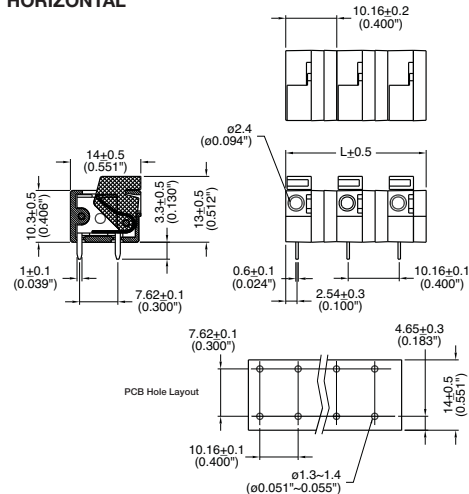
EM279104V

Dimensions - mm (in)

VERTICAL



HORIZONTAL



Poles	L (mm)	Poles	L (mm)
2	17.78	10	99.06
3	27.94	11	109.22
4	38.10	12	119.38
5	48.26	13	129.54
6	58.42	14	139.70
7	68.58	15	149.86
8	78.74	16	160.02
9	88.90		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2791

of Poles

□□

02 to 16

Orientation

□

H - horizontal
V - vertical

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM3533 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM2221 Series);
3.50 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.138" (3.50mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.0 Nickel-Plated Steel

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

Torque Rating: 2.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified

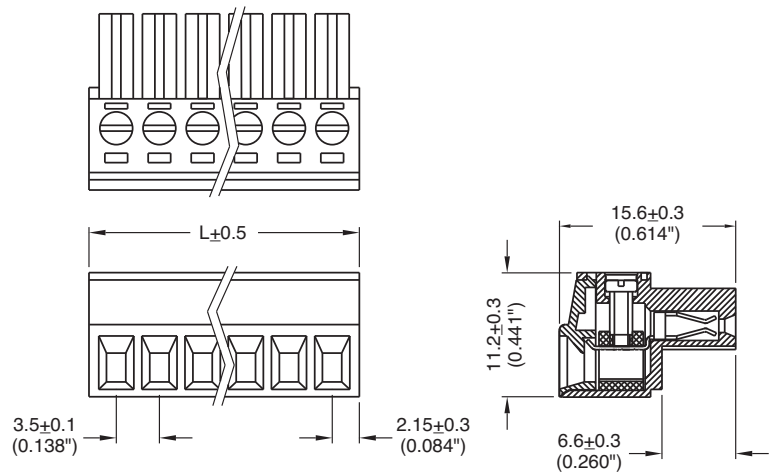


EM353308

Poles	L (mm)
2	7.8
3	11.3
4	14.8
5	18.3
6	21.8
7	25.3
8	28.8
9	32.3
10	35.8
11	39.3
12	42.8
13	46.3
14	49.8

To convert to inches, divide by 25.4

Dimensions - mm (in)



Part Numbering System

Series

of Poles

EM3533

□□

02 to 14

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM2221 Series**Euro-Mag Terminal Blocks**

Closed Header; (Mates with EM3553 Series);
3.50 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.138" (3.50mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

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

Recommended PCB Hole Diameters: 0.055" (1.40mm)

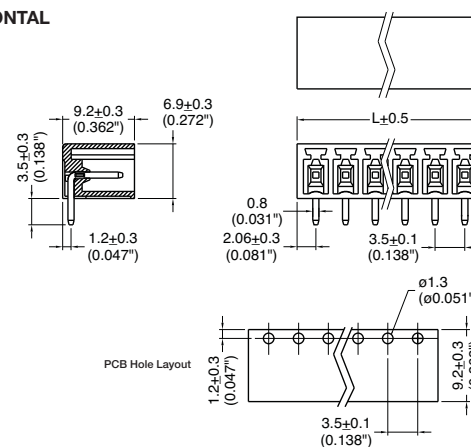
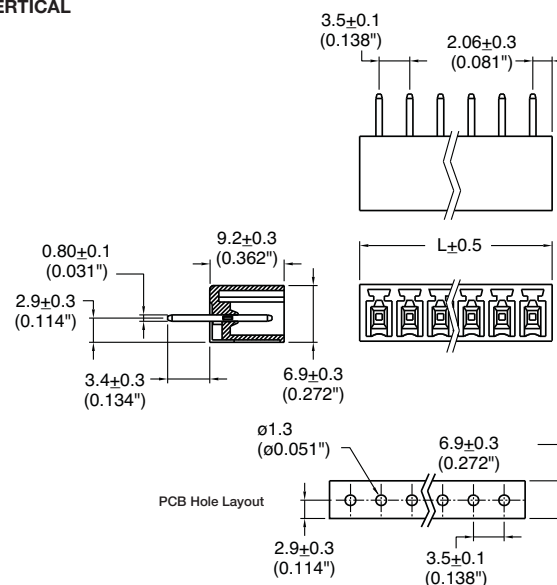
Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified



Poles	L (mm)
2	7.6
3	11.1
4	14.6
5	18.1
6	21.6
7	25.1
8	28.6
9	32.1
10	35.6
11	39.1
12	42.6
13	42.1
14	49.6

To convert to inches, divide by 25.4

Dimensions - mm (in)**HORIZONTAL****VERTICAL****Part Numbering System****Series**

EM2221

of Poles

□ □

02 to 14

Orientation

□

H - horizontal
V - vertical

EM2413 Series
Euro-Mag Terminal Blocks

Pluggable Block with Flanges (Mates with EM2201 Series); 3.50 Centers

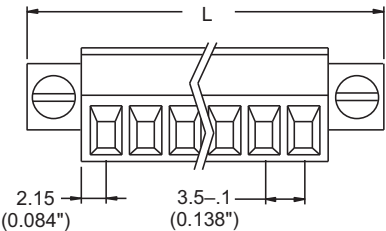
SPECIFICATIONS

- Rating: 8A, 300V
- Center Spacing: 0.138" (3.50mm)
- Wire Range: #16-26 AWG
- Housing Material: UL rated 94V0 Thermoplastic
- Contact Material: Brass Tin-Plated
- Cage Clamp: Brass, Nickel-Plated
- Screw Size: M2.0 Nickel-Plated Steel
- Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
- Torque Rating: 2.5 lb-in.
- Construction: Mold-to-Length
- Agency Information:  File E62622; CE Certified



EM241307

Dimensions - mm (in)



Poles	L (mm)
2	17.4
3	20.9
4	24.4
5	27.9
6	31.4
7	34.9
8	38.4
9	41.9
10	45.4
11	48.9
12	52.4

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2413

of Poles

02 to 12

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

EM2201 Series**Euro-Mag Terminal Blocks**

Header with Flanges (Mates with EM2413 Series); 3.50 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.138" (3.50mm)

Housing Material: Green Polyamide Type 6/6, 94V0

Contact Material: Brass Tin-Plated

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

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

Agency Information: cULus File E62622; CE Certified



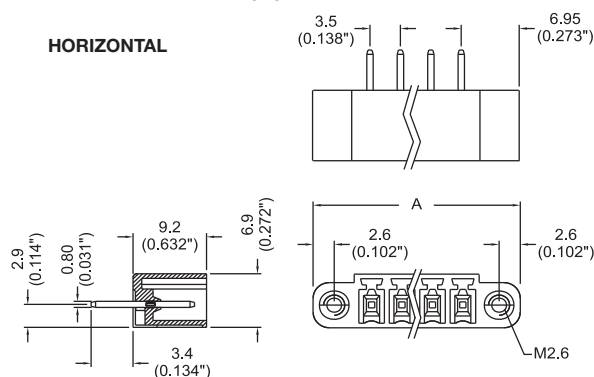
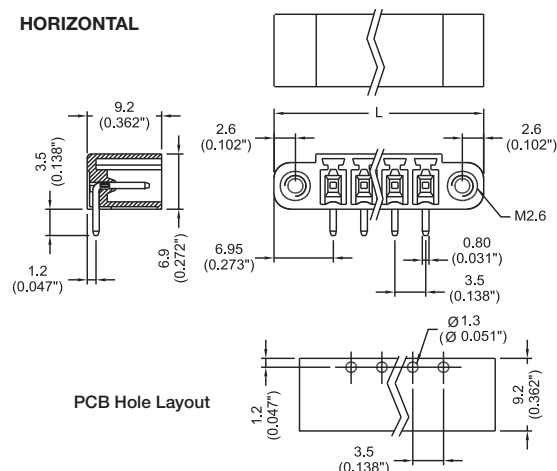
EM220110H



EM220109V

Poles	L (mm)
2	17.4
3	20.9
4	24.4
5	27.9
6	31.4
7	34.9
8	38.4
9	41.3
10	45.4
11	48.9
12	52.4

To convert to inches, divide by 25.4

Dimensions - mm (in)**HORIZONTAL****PCB Hole Layout****HORIZONTAL****Part Numbering System****Series****EM2201****# of Poles****02 to 12****Orientation****H - horizontal****V - vertical**

EM3553 Series

Euro-Mag Terminal Blocks

(Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Wire Range: #18-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M2x3 Zinc-Plated Steel

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

Torque Rating: 3.0 lb-in.

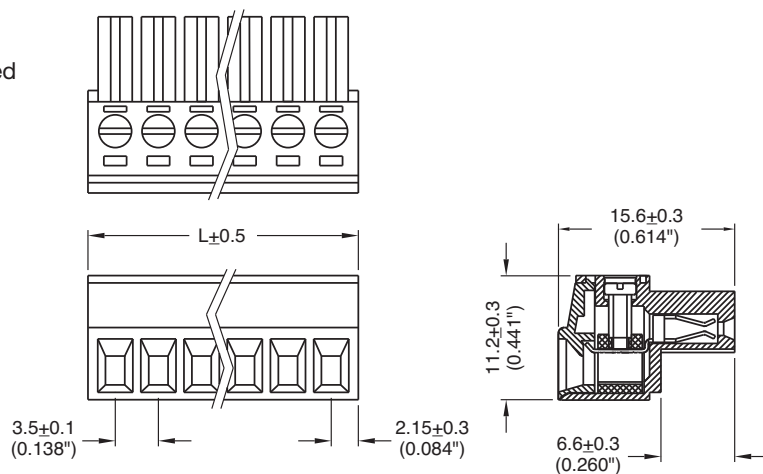
Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM355308

Dimensions - mm (in)



To convert to inches, divide by 25.4

Position	L (mm)
02	7.90
03	11.71
04	15.52
05	19.33
06	23.14
07	26.95
08	30.76
09	34.57
10	38.38
11	42.19
12	46.00

Part Numbering System

Series

of Positions

EM3553

□ □

02 to 12

Mating Header: EM3593 pg. 90

EM3543 Series**Euro-Mag Terminal Blocks**

Pluggable Block (Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Wire Range: #16-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.0 Zinc-Plated Steel

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

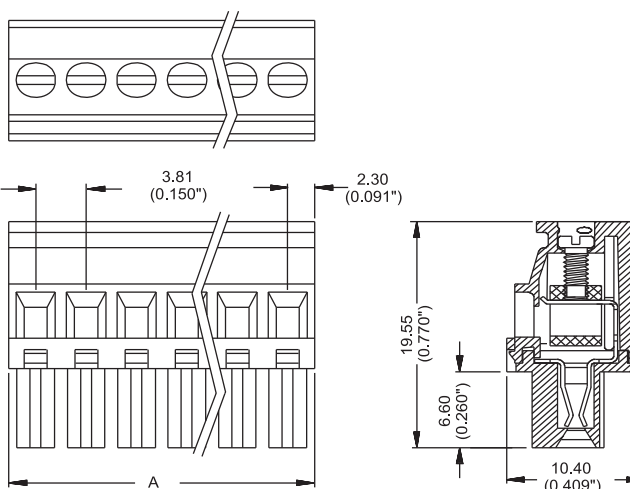
Torque Rating: 2.5 lb-in.

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified



EM354309

Dimensions - mm (in)

To convert to inches, divide by 25.4

Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

Part Numbering System

Series

of Poles

E	M	3	5	4	3		
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02 to 12

Mating Header: EM3593 pg. 90

Series EM3583

Euro-Mag Terminal Blocks

IDC Pluggable Block

(Mates with EM3593 Series); 3.81 Centers

SPECIFICATIONS

Ratings: 6A, 160V

Center Spacing: 0.15" (3.81mm)

Wire Range: #22-20 AWG

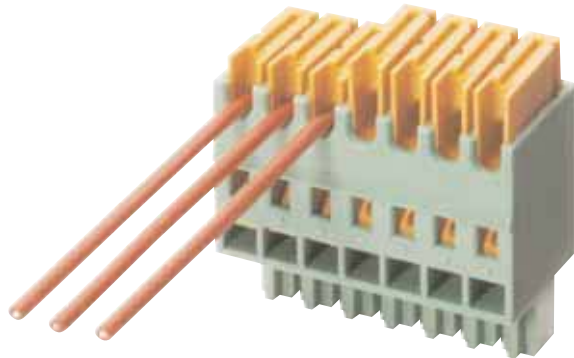
Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass, Tin-Plated

Operating Temperature: 105°C (221°F) max., -49°C (-40°F) min.

Construction: Mold-to-length.

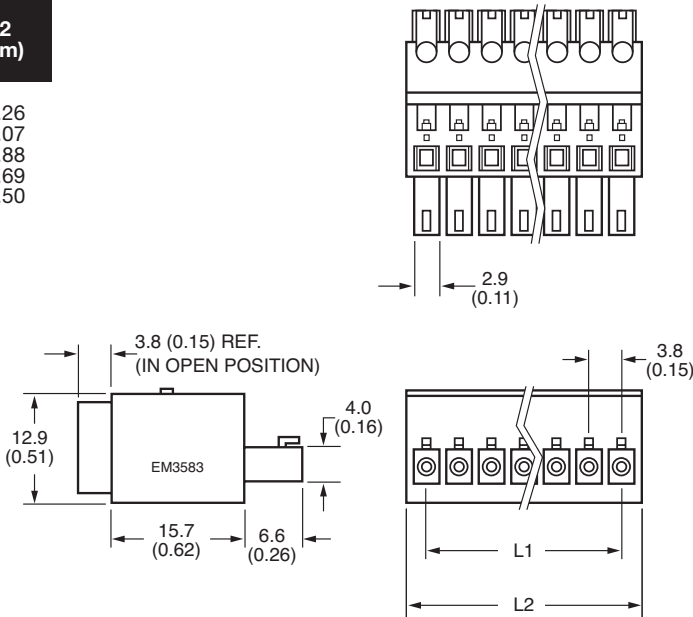
Agency Information:  File E62622; CE Certified



EM358307

Poles	L1 (mm)	L2 (mm)	Poles	L1 (mm)	L2 (mm)
02	3.81	8.40	08	26.67	31.26
03	7.62	12.21	09	30.48	35.07
04	11.43	16.02	10	34.29	38.88
05	15.24	19.83	11	38.10	42.69
06	19.05	23.64	12	41.91	46.50
07	22.86	27.45			

Dimensions - mm (in)



Part Numbering System

Inches (Millimeters)

Series

of Positions

EM3583

02 to 12

Mating Header: EM3593 pg. 90

Series EM3593

Euro-Mag Terminal Blocks

Header (Mates with EM3553 Series); 3.81 Centers

SPECIFICATIONS

Ratings: 6A, 160V

Center Spacing: 0.15" (3.81mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass, Tin-Plated

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

Recommended PCB Hole Diameters: 0.51" (1.30mm)

Construction: Mold-to-length.

Agency Information:  File E62622; CE Certified

EM359312HC



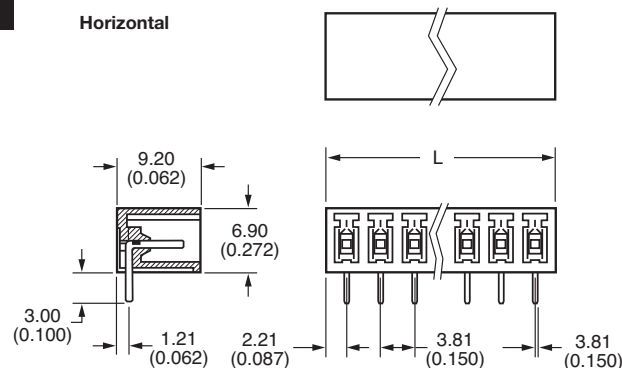
EM359308VC

Poles	L (mm)	Poles	L (mm)
02		08	
03	8.23	09	31.09
04	12.04	10	34.90
05	15.85	11	38.71
06	19.66	12	42.52
07	23.47		46.33
	27.28		

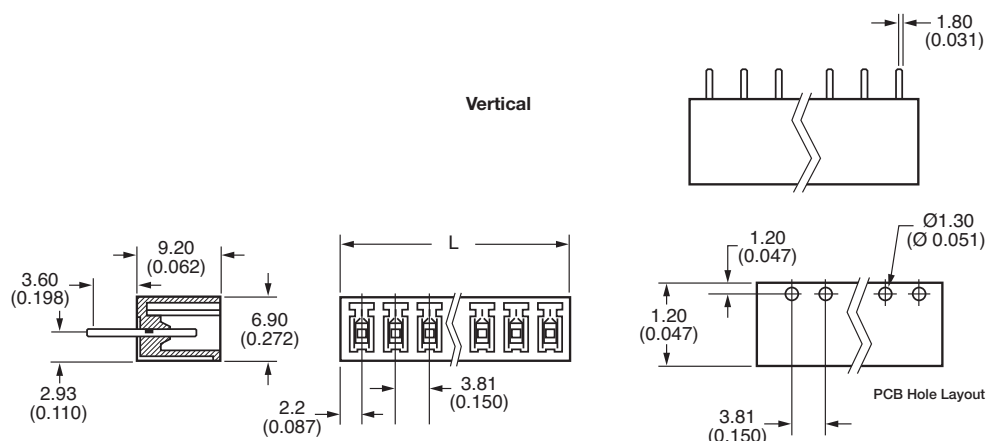
* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Dimensions - mm (in)

Horizontal



Vertical



Part Numbering System

Inches (Millimeters)

Series

EM3593

of Positions

02 to 12

Orientation

H - Horizontal
V - Vertical

Side Base

C - Closed

Mating Plugs: EM3553 pg. 87
EM3543 pg. 88
EM3583 pg. 89

EM2423 Series**Euro-Mag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.15" (3.81mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.0 Nickel-Plated Steel

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

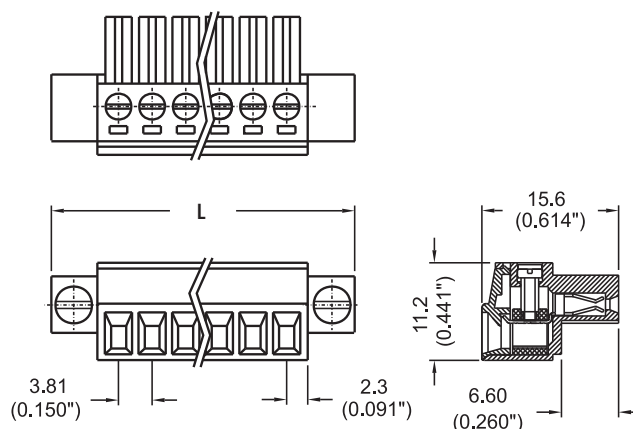
Torque Rating: 2.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM242307

Dimensions - mm (in)

Poles	L (mm)
2	17.91
3	21.72
4	25.53
5	29.34
6	33.15
7	36.96
8	40.77
9	44.58
10	48.39
11	52.20
12	56.01

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2423

02 12

02 to 12

Mating Header: EM2211 pg. 93

EM2443 Series**Euro-Mag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)
Consult factory for 0.30" (7.62mm)

Wire Range: #16-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.0 Nickel-Plated Steel

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

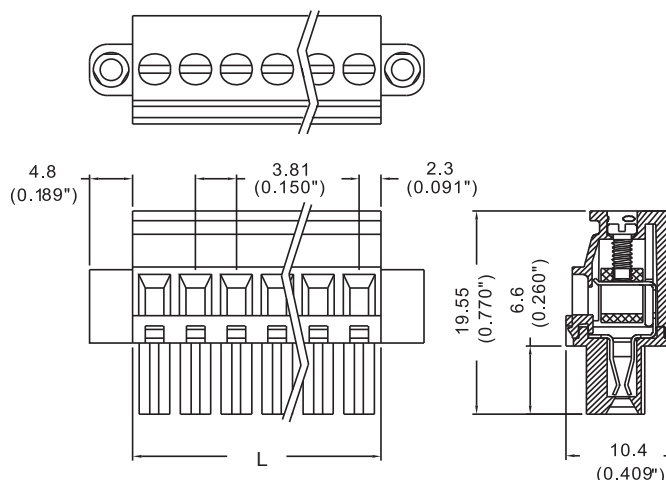
Torque Rating: 2.5 lb-in.

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified



EM2443

Dimensions - mm (in)

To convert to inches, divide by 25.4

Poles	L (mm)
2	7.90
3	11.71
4	15.52
5	19.33
6	23.14
7	26.95
8	30.76
9	34.57
10	38.38
11	42.19
12	46.00

Part Numbering System

Series

of Poles

EM2443

□□

02 to 12

Mating Header: EM2211 pg. 93

EM2211 Series**Euro-Mag Terminal Blocks**

Header with Flanges (Mates with EM2423,
EM2443 Series); 3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

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

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

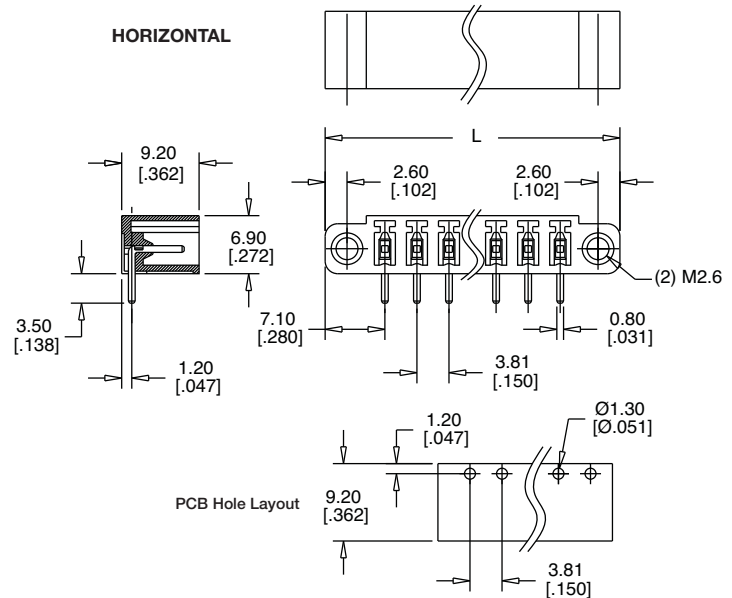
Agency Information: eUS File E62622; CE Certified



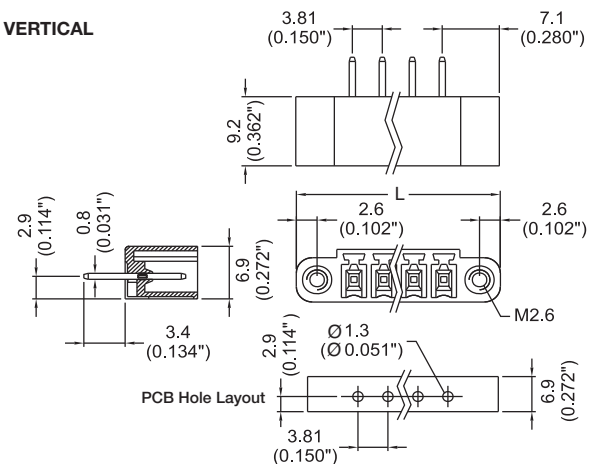
EM221106H



EM221109V

Dimensions - mm (in)**HORIZONTAL**

PCB Hole Layout

VERTICAL

PCB Hole Layout

Part Numbering System**Series**

EM2211

of Poles

02 to 14

OrientationH - horizontal
V - vertical

Mating Plugs: EM2423 pg. 91
EM2443 pg. 92

EM2525 Series**Euro-Mag Terminal Blocks**

Pluggable Block (Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3x5 Zinc-Plated Steel

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

Torque Rating: 7 lb-in.

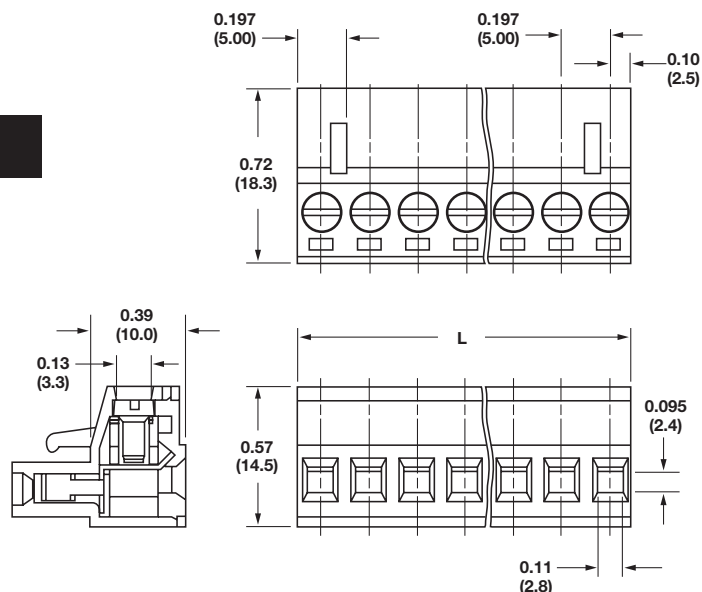
Construction: Mold-to-Length

Connector Style: Rising Cage Clamp

Agency Information:  File E62622; CE Certified



EM252503

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
02	10.0	14	70.0
03	15.0	15	75.0
04	20.0	16	80.0
05	25.0	17	85.0
06	30.0	18	90.0
07	35.0	19	95.0
08	40.0	20	100.0
09	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Positions

EM2525

□ □

02 to 24

Mating Header: EM2535 pg. 97

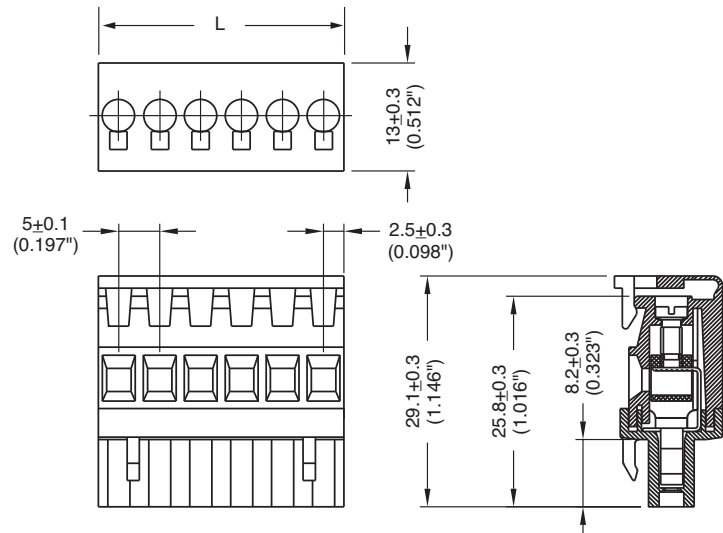
EM2485 Series**Euro-Mag Terminal Blocks**

Pluggable Block with Cover

(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Phos Bronze**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM248506

Dimensions - mm (in)

Poles	L (mm)
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2485

□□

02 - 08

Mating Header: EM2535 pg. 97

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

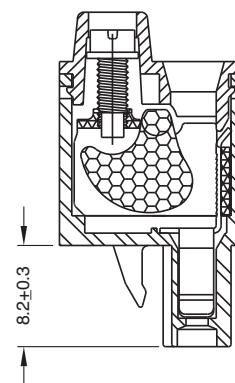
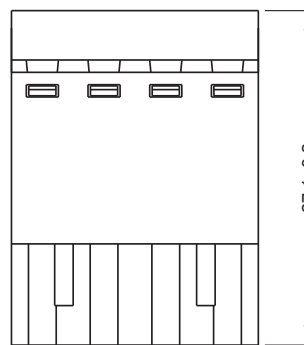
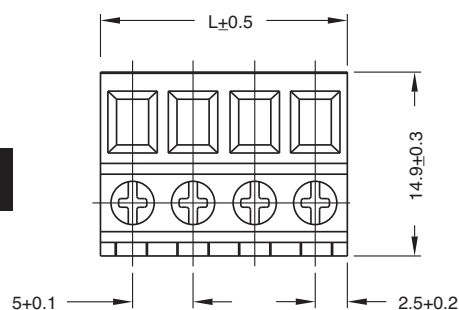
EM3105 Series**Euro-Mag Terminal Blocks**

Pluggable Block; Top Entry

(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Phos Bronze**Cage Clamp:** Brass, Nickel-Plated**Screw Size:** M2.6 Nickel-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Construction:** Mold-to-Length**Agency Information:** e_{us} File E62622; CE Certified

EM310508

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	8	40.0
3	15.0	9	45.0
4	20.0	10	50.0
5	25.0	11	55.0
6	30.0	12	60.0
7	35.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3105

□□

02 to 12

Mating Plugs: EM2525 pg. 94
EM2485 pg. 95
EM3105 pg. 96

EM2535 Series**Euro-Mag Terminal Blocks**

Header (Mates with EM2525, EM2485 & EM3105 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

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

Recommended PCB Hole Diameters: 0.055" (1.40mm)

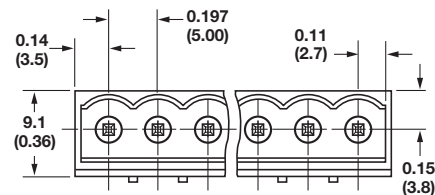
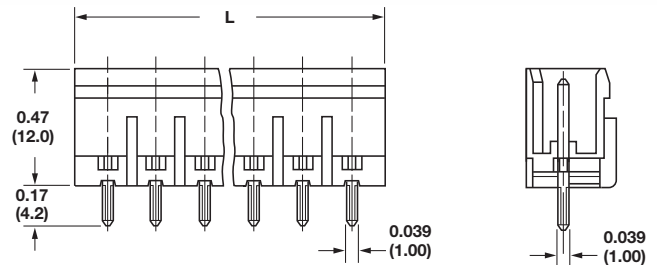
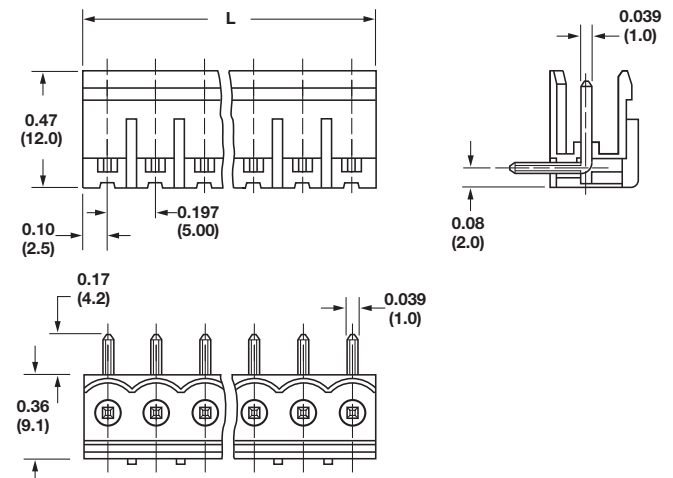
Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified



EM253505VC

EM253508HO

Dimensions - mm (in)**VERTICAL - CLOSED****HORIZONTAL - OPEN**

Position	Open L (mm)	Closed L (mm)	Position	Open L (mm)	Closed L (mm)
02	10.0	12.0	14	70.0	72.0
03	15.0	17.0	15	75.0	77.0
04	20.0	22.0	16	80.0	82.0
05	25.0	27.0	17	85.0	87.0
06	30.0	32.0	18	90.0	92.0
07	35.0	37.0	19	95.0	97.0
08	40.0	42.0	20	100.0	102.0
09	45.0	47.0	21	105.0	107.0
10	50.0	52.0	22	110.0	112.0
11	55.0	57.0	23	115.0	117.0
12	60.0	62.0	24	120.0	122.0
13	65.0	67.0			

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2535

of Positions

02 to 24

Orientations

H - horizontal
V - vertical

Side Base

O - open
C - closed

Mating Plugs: EM2525 pg. 94
EM2485 pg. 95
EM3105 pg. 96

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided Boards

Compliance

EM2565 Series**Euro-Mag Terminal Blocks**

Pluggable Block (Mates with EM2575

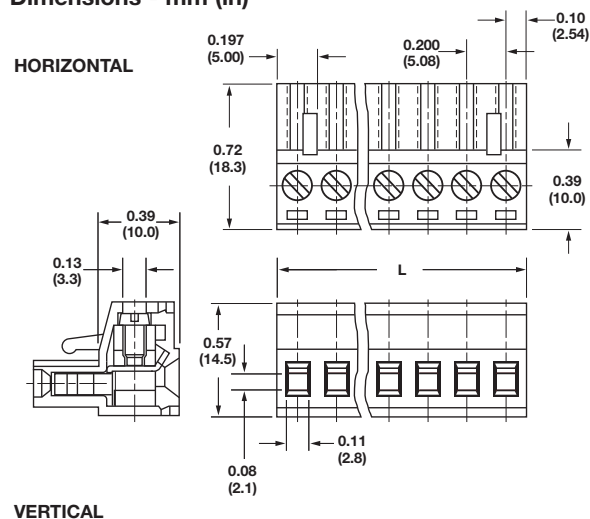
Series); 5.08 Centers

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.20" (5.08mm)

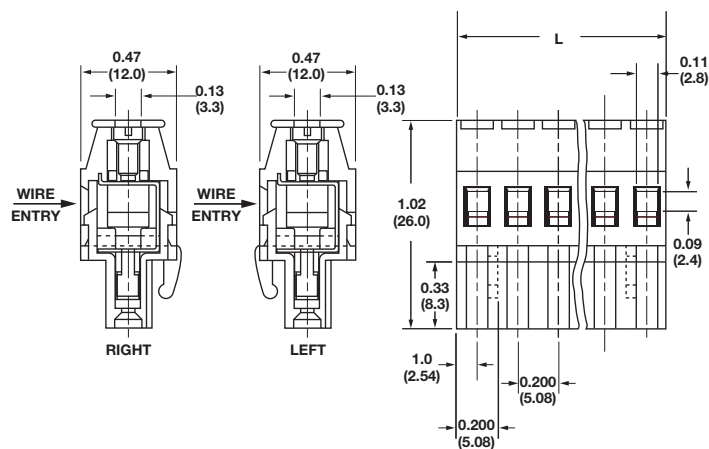
Consult factory for 0.40" (10.16mm)

Wire Range: #12-26 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass Tin-Plated**Screw Size:** M3x5 Zinc-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 7 lb-in.**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM25603VR

Dimensions - mm (in)

To convert to inches, divide by 25.4

**Part Numbering System**

Series	# of Positions	Orientation	Wire Entry (Vertical Orientation Only)	Mating Header: EM2575 pg. 101
EM2565				
	02 to 24	H - horizontal V - vertical	L - left R - right	

EM2488 Series**Euro-Mag Terminal Blocks**

Pluggable Block (Mates with EM2575 Series); 5.08 Centers with Cover

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-Plated Steel

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

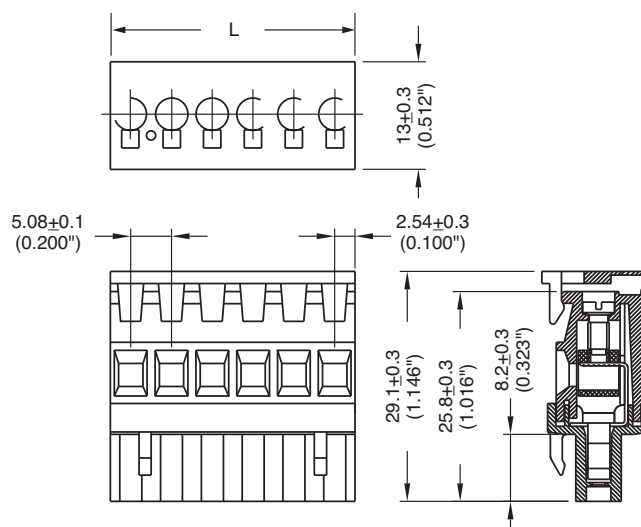
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM248806

Dimensions - mm (in)

Poles	L (mm)
2	10.16
3	15.24
4	20.32
5	25.40
6	30.48
7	35.56
8	40.64

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2488

□□

02 to 08

Mating Header: EM2575 pg. 101

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM3108 Series**Euro-Mag Terminal Blocks**

Pluggable Block; Front Entry (Mates with EM2575 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-Plated Steel

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

Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM310808

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	35.45	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

Series

of Poles

EM3108

02 to 24

Mating Header: EM2575 pg. 101

Series EM2115 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2215 Series); 5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Phosphor Bronze

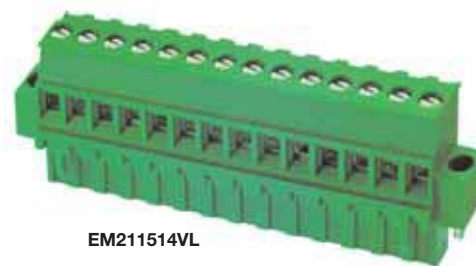
Screw Size: M2x6 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

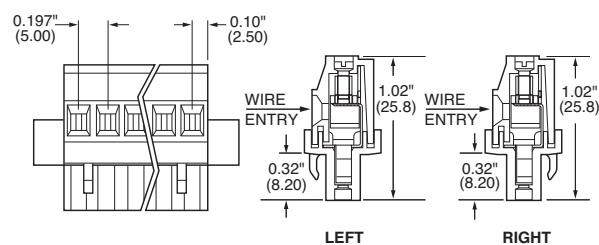
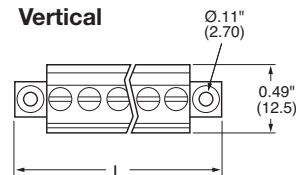
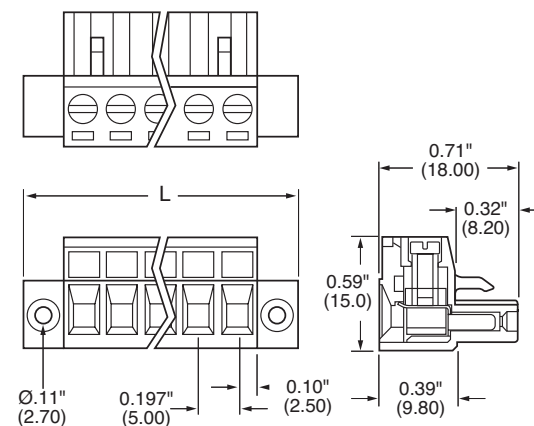
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified



EM211514VL

Dimensions - mm (in)**Vertical****Horizontal****Part Numbering System**

Inches (Millimeters)

Series

EM2115

of Poles

02 to 22

OrientationV - Vertical
H - Horizontal**Wire Entry**L - Left wire entry
R - Right wire entry
(specify for V orientation)**Mating Header:** EM2215 pg. 104

EM3115 Series
Euro-Mag Terminal Blocks

Pluggable Block; Top Entry (Mates with EM2215 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-Plated Steel

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

Torque Rating: 4.5 lb-in.

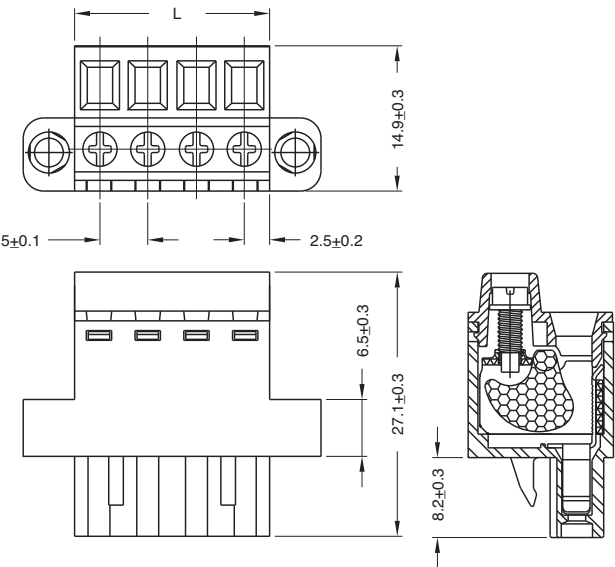
Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM311503

Dimensions - mm (in)



Poles	L (mm)	Poles	L (mm)
2	20.0	14	80.0
3	25.0	15	85.0
4	30.0	16	90.0
5	35.0	17	95.0
6	40.0	18	100.0
7	45.0	19	105.0
8	50.0	20	110.0
9	55.0	21	115.0
10	60.0	22	120.0
11	65.0	23	125.0
12	70.0	24	130.0
13	75.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3115

□□

02 to 22

Mating Header: EM2215 pg. 104

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Series EM2215

Header with Flanges; (Mates with EM2115, EM3115 Series); 5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

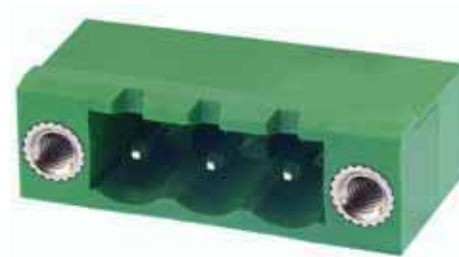
Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

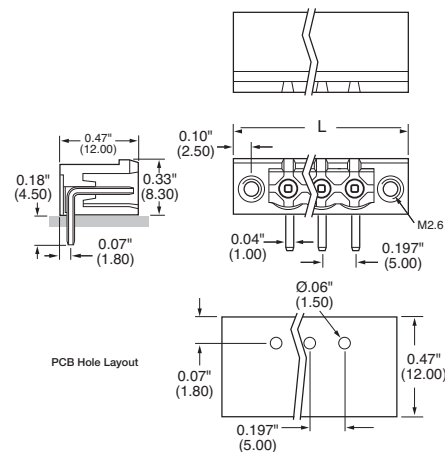
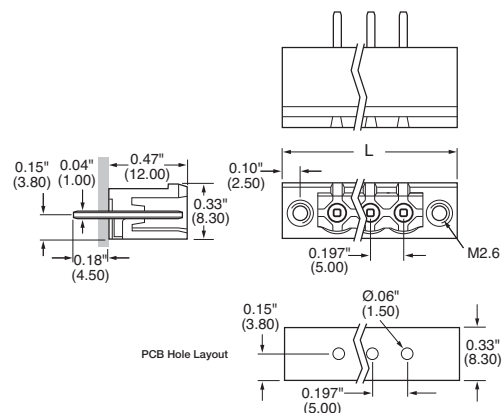
Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM221503V

Dimensions - mm (in)**Horizontal****Vertical****Part Numbering System**

Inches (Millimeters)

Series**EM2215****# of Poles****02 to 22****Orientation****H - Horizontal****V - Vertical**

Mating Plugs: EM2115 pg. 102
EM3115 pg. 103

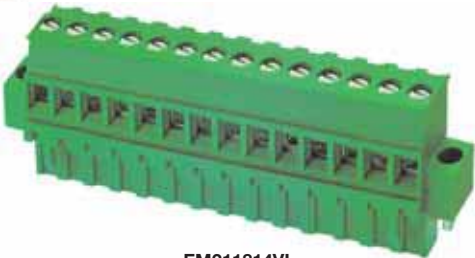
Series EM2118 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2218 Series); 5.08 Centers

SPECIFICATIONS:
Rating: 16A, 300V
Center Spacing: 0.20" (5.08mm)
Wire Range: #14-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin-Plated Phosphor Bronze
Screw Size: M 3x0 Nickel-Plated Steel
Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.
Torque Rating: 4.5 lb-in.
Construction: Mold-to-Length
Agency Information: cULus File E62622; CE Certified



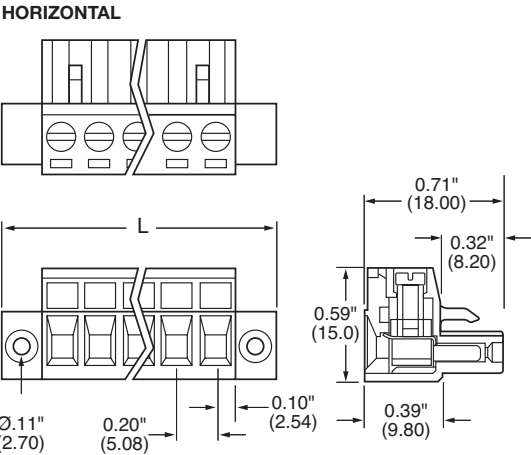
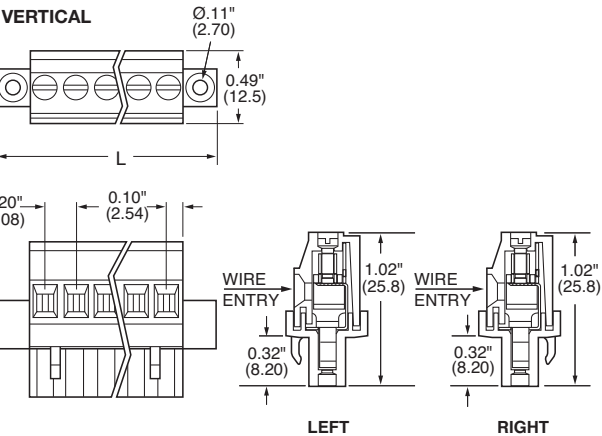
EM211803H



EM211814VL

Poles	A (mm)	A (Inch)	Poles	A (mm)	A (Inch)
2	20.32	0.8	13	76.20	3.0
3	25.40	1.0	14	81.28	3.2
4	30.48	1.2	15	86.36	3.4
5	35.56	1.4	16	91.44	3.6
6	40.64	1.6	17	96.52	3.8
7	45.72	1.8	18	101.60	4.0
8	50.80	2.0	19	106.68	4.2
9	55.88	2.2	20	111.76	4.4
10	60.96	2.4	21	116.84	4.6
11	66.04	2.6	22	121.92	4.8
12	71.12	2.8			

Dimensions - mm (in)



Part Numbering System

Inches (Millimeters)

Series

EM2118

of Positions

02 to 22

Orientation

V - Vertical
H - Horizontal

Mating Header: EM2218 pg. 107

EM3118 Series**Euro-Mag Terminal Blocks**

Pluggable Block, Top Entry (Mates with EM2218 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Clamp: Brass, Nickel-Plated

Screw Size: M2.6 Nickel-Plated Steel

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

Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified



EM311803

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	20.32	13	76.20
3	25.40	14	81.28
4	30.48	15	86.36
5	35.45	16	91.44
6	40.64	17	96.52
7	45.72	18	101.60
8	50.80	19	106.68
9	55.88	20	111.76
10	60.96	21	116.84
11	66.04	22	121.92
12	71.12		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3118

02 to 22

Mating Header: EM2218 pg. 107

Series EM2218

Header with Flanges; (Mates with EM2118, EM3118 Series); 5.08 Centers

SPECIFICATIONS:

Rating: 12A, 300V

Center Spacing: 0.20" (5.08mm)

Housing Material: UL rated 94V0 Thermoplastic

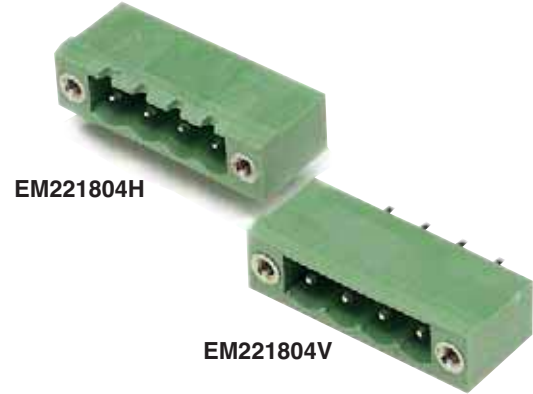
Contact Material: Tin-Plated Brass

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

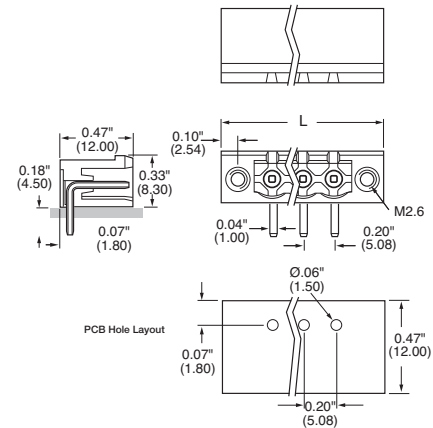
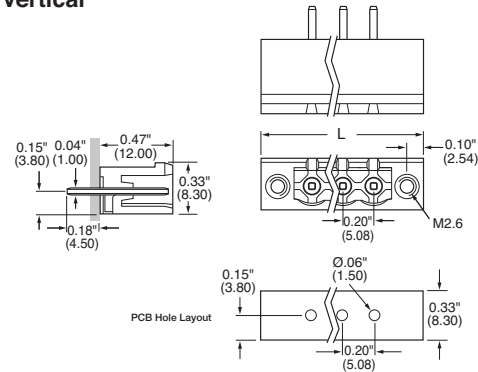
Recommended PCB Hole Diameters: 0.059" (1.50mm)

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified

**Dimensions - mm (in)****Horizontal**

Poles	L (mm)	L (Inch)	Poles	L (mm)	L (Inch)
2	20.32	0.8	12	71.12	2.8
3	25.40	1.0	13	76.20	3.0
4	30.48	1.2	14	81.28	3.2
5	35.56	1.4	15	86.36	3.4
6	40.64	1.6	16	91.44	3.6
7	45.72	1.8	17	96.52	3.8
8	50.80	2.0	18	101.60	4.0
9	55.88	2.2	19	106.68	4.2
10	60.95	2.4	20	111.76	4.4
11	66.04	2.6			

**Vertical****Part Numbering System**

Inches (Millimeters)

Series**EM2218****# of Poles****02 to 22****Orientation****H - Horizontal****V - Vertical**

Mating Plugs: EM2118 pg. 105
EM3118 pg. 106

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM3516 Series**Euro-Mag Terminal Blocks**

Pluggable Block (Mates with EM3526 Series);
7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Cage Clamp: Brass, Nickel-Plated

Screw Size: M3.0 Zinc-Plated Steel

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

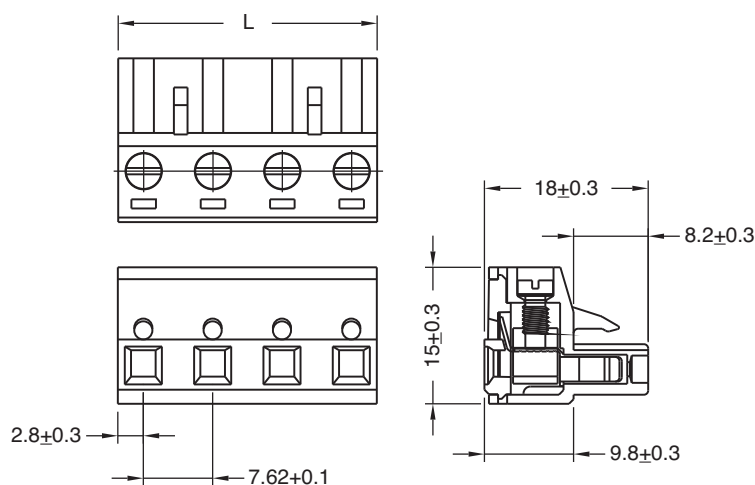
Torque Rating: 5.0 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified



EM351603

Dimensions - mm (in)

Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

Mating Header: EM3526 pg. 109

E	M	3	5	1	6		
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02 to 12

EM3526 Series**Euro-Mag Terminal Blocks**

Closed and Open Header (Mates with EM3516 Series); 7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

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

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM352610HO



EM352604VC

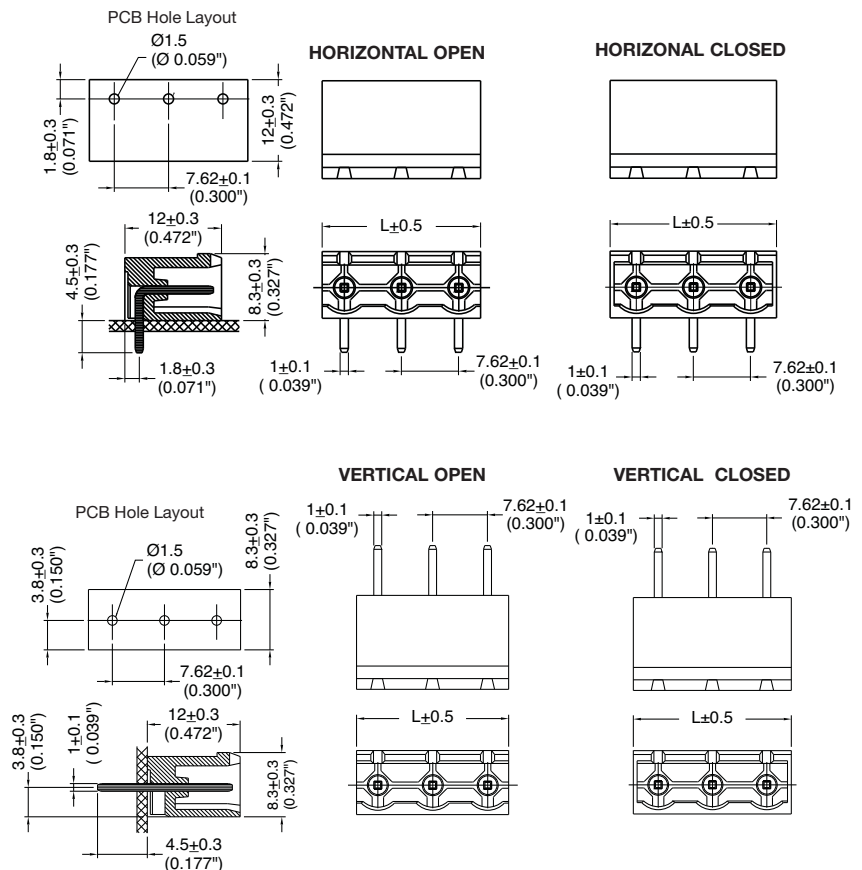
Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References**Dimensions - mm (in)**

Poles	Open L (mm)	Closed L (mm)
2	13.44	15.24
3	21.06	22.86
4	28.68	30.48
5	36.60	38.10
6	43.92	45.72
7	51.54	53.34
8	59.16	60.96
9	66.78	68.58
10	74.40	76.20
11	82.02	83.82
12	89.64	91.44

To convert to inches, divide by 25.4

**Part Numbering System**

Series

EM3526

of Poles

02 to 24

Orientation

H - horizontal
V - vertical

Side Base

O - open
C - closed

Mating Plug: EM3516 pg. 108

EM2416 Series**Euro-Mag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2426 Series); 7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Cage Clamp: Brass, Nickel-Plated

Screw Size: M3.0 Zinc-Plated Steel

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

Torque Rating: 5.0 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified

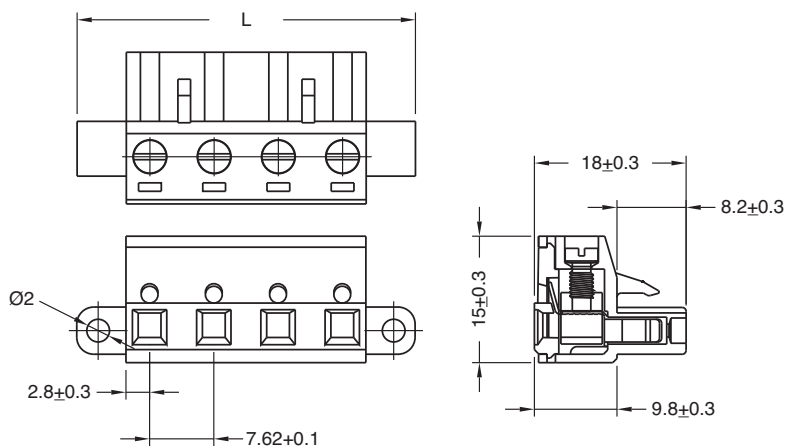


EM241602

Dimensions - mm (in)

Poles	L (mm)
2	24.90
3	32.50
4	40.10
5	47.80
6	55.40
7	63.00
8	70.60
9	78.20
10	89.90
11	93.50
12	101.10

To convert to inches, divide by 25.4

**Part Numbering System**

Series

of Poles

Mating Header: EM2426 pg. 111

EM2416

02 to 12

EM2426 Series**Euro-Mag Terminal Blocks**

Header with Flanges (Mates with EM2416 Series); 7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

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

Recommended PCB Hole Diameters: 0.059" (1.50mm)

Construction: Mold-to-Length

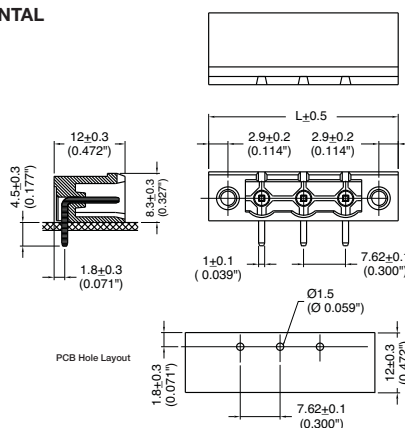
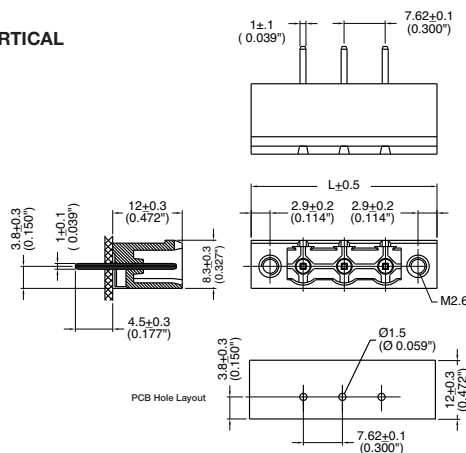
Agency Information: cULus File E62622; CE Certified



EM242603V



EM242606H

Dimensions - mm (in)**HORIZONTAL****VERTICAL**

Poles	L (mm)	Poles	L (mm)
2	25.62	8	71.34
3	33.24	9	78.96
4	40.86	10	86.58
5	48.48	11	94.20
6	56.10	12	101.80
7	63.72		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2426

of Poles

02 to 12

Orientation

H - horizontal
V - vertical

Mating Plug: EM2416 pg. 110

Terminal Blocks:
Single & Double Row

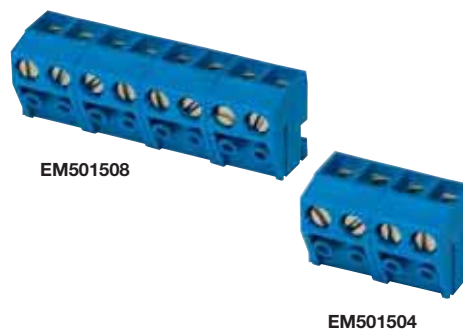
EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

EM5015 Series**Euro-Mag Terminal Blocks**

Pluggable Block

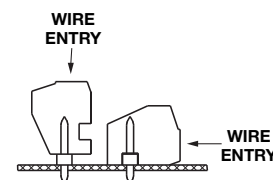
(Mates with EM5025 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 15A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #16-24 AWG**Housing Material:** Blue UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Screw Size:** M2x6 Chromatized Steel**Operating Temperature:** 120°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 3.0 lb-in.**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Connector Style:** Spring Clamp**Agency Information:**  File E62622; CE Certified**Dimensions - mm (in)**

Poles	L (mm)	Poles	L (mm)
2*	10.0	14	70.0
3*	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

*Mold-to-Length

**Mating orientations****Part Numbering System**

Series

of Poles

Mating Header: EM5025 pg. 113

EM5015

02 to 24

EM5025 Series**Euro-Mag Terminal Blocks**

Header (Mates with EM5015 Series);
5.00 Centers

SPECIFICATIONS

Rating: 15A, 300V

Center Spacing: 0.197" (5.00mm)

Housing Material: Black UL 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Operating Temperature: 120°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.059" (1.50mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified

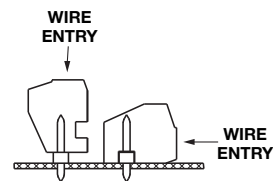
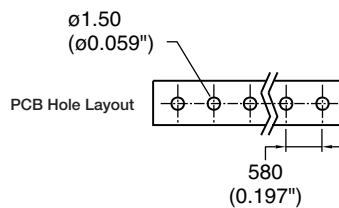
Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Dimensions - mm (in)**Mating orientations****Part Numbering System****Series****# of Poles****Mating Plug:** EM5015 pg. 112**EM5025****02****02 to 24**

EM5035 Series**Euro-Mag Terminal Blocks**

Pluggable Block, Stackable

(Mates with EM5045 Series) 5.00 Centers

SPECIFICATIONS**Rating:** 10A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #16-24 AWG**Housing Material:** Black UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Wire Protector:** Phosphor Bronze, Tin-Plated**Screw Size:** M2.6 Chromatized Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 3.0 lb-in.**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:** eUS File E62622; CE Certified

EM503503

EM503502

Shown with EM5045series header - order separately

Dimensions - mm (in)

To convert to inches, divide by 25.4

Part Numbering System**Series****# of Poles**

EM5035

□□

02 to 24

Mating Plug: EM5045 pg. 115

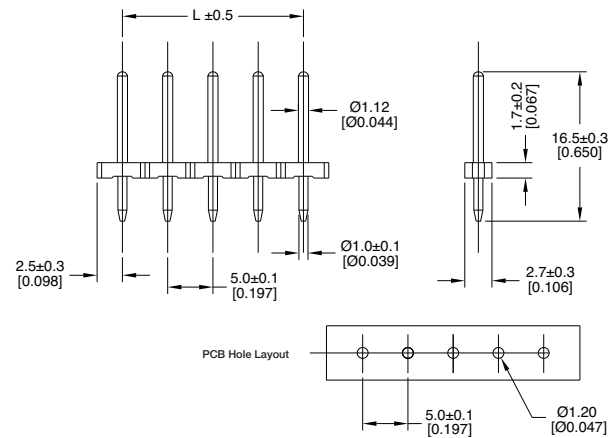
EM5045 Series**Euro-Mag Terminal Blocks**

Header (Mates with EM5035 Series);

5.00 Centers

SPECIFICATIONS**Rating:** 10A, 300V**Center Spacing:** 0.197" (5.00mm)**Housing Material:** Black UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.059" (1.50mm)**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM504513

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	5.0	14	65.0
3	10.0	15	70.0
4	15.0	16	75.0
5	20.0	17	80.0
6	25.0	18	85.0
7	30.0	19	90.0
8	35.0	20	95.0
9	40.0	21	100.0
10	45.0	22	105.0
11	50.0	23	110.0
12	55.0	24	115.0
13	60.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM5045

□□

02 to 24

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

Series NDN Rail Mount Terminal Blocks

35mm DIN Rail Compatible

SPECIFICATIONS

High Density Design: Up to 48 circuits per foot

Clamping Collar: Secures wires

Large, Captive, Wire-Ready Screws: Speeds assembly

Snap-on Installation to DIN Rail: Fast, easy assembly

Fully Shielded Construction: 600V spacings

Unique One-Piece Construction: Increases reliability

Thermoplastic Moldings: Strong and impact resistant

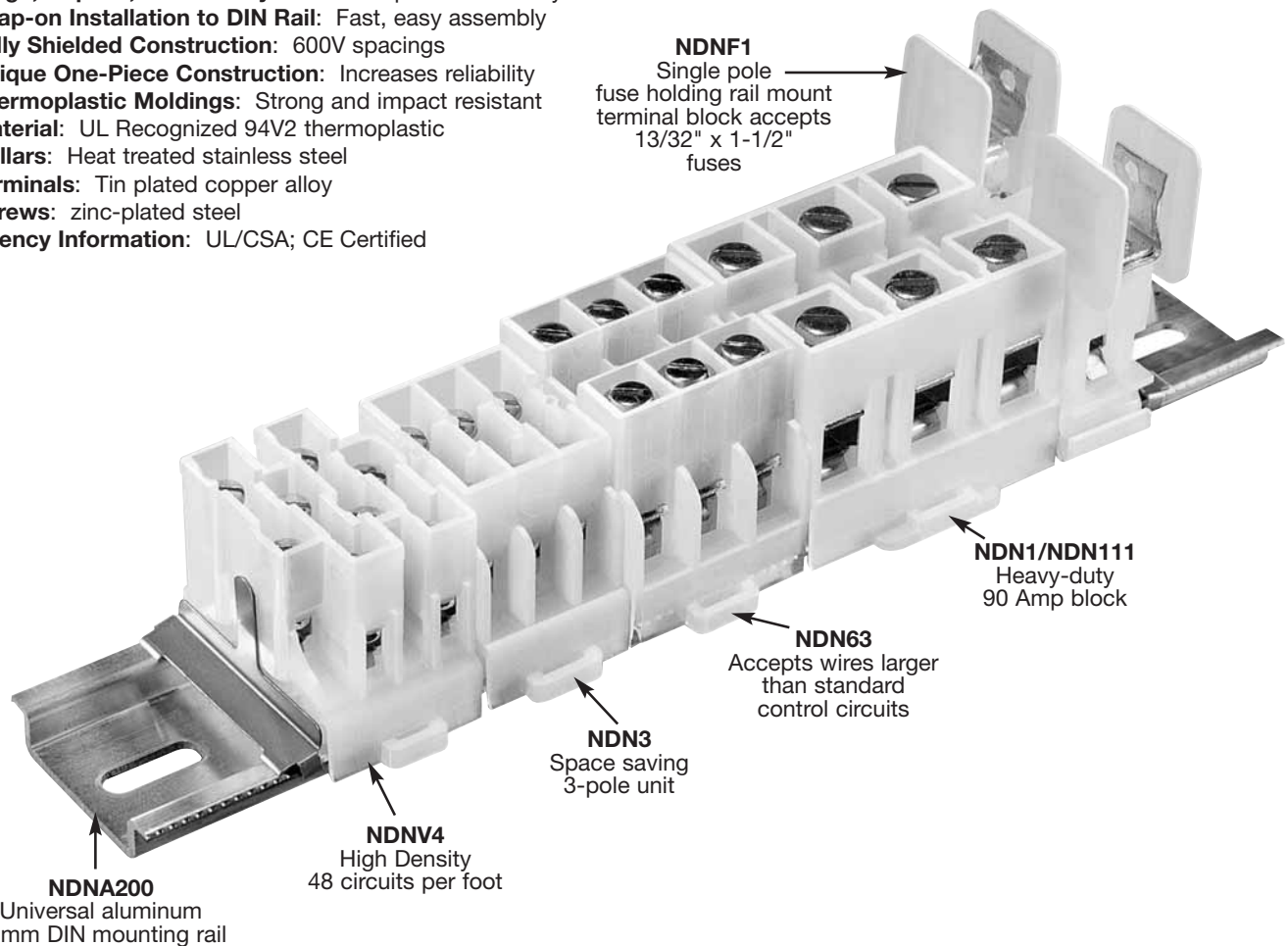
Material: UL Recognized 94V2 thermoplastic

Collars: Heat treated stainless steel

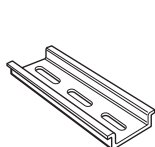
Terminals: Tin plated copper alloy

Screws: zinc-plated steel

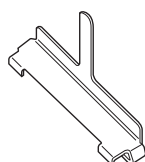
Agency Information: UL/CSA; CE Certified



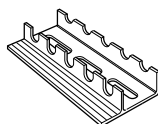
Series NDN Terminal Block Accessories



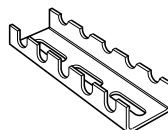
NDNA
35mm DIN Rail
Aluminum
NDNA 100 1 meter
NDNA 200 2 meters



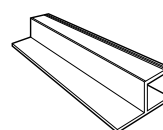
NDNAS
35mm DIN Rail
End Stop



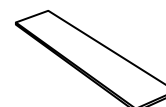
NFTA
C-Rail
Aluminum
Lengths to 72"



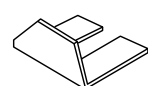
NRA
C-Rail
Low Profile
No Flange
Aluminum
Lengths to 37-1/2"



SOA72
72" Long
Stand-Off Channel
For C-Rail



**MARKING
TAPE**
See Series
Specifications



JUMPERS
See Series
Specifications

Rail Mount Terminal Blocks

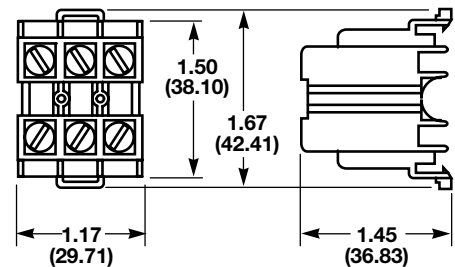
NDN63

SPECIFICATIONS:

Rating: 65A, 600V
Center Spacing: 0.375" (9.52mm)
Number of Poles: 3
Circuits Per Foot: 30
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #6-18 CU
Screw Size: #10-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MT12-1-2
Torque Rating: 35 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



NDN1

SPECIFICATIONS:

Rating: 90A, 600V
Center Spacing: 0.635" (16.13mm)
Number of Poles: 1
Circuits Per Foot: 18
Wire Range: AWG #2-18 CU
Screw Size: #1/4-28
Mounting Options: 35mm DIN rail, C-rail
 * Dove-tail option is available for mounting side-by-side.
 Order part no. NDN1A-WH
Marking Tape: MT12-1-2
Torque Rating: 32 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 47235



Dimensions - in (mm)



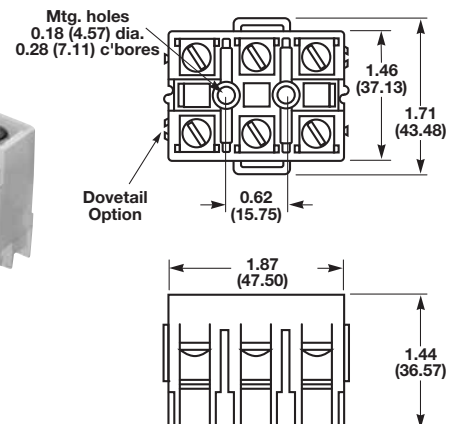
NDN111

SPECIFICATIONS:

Rating: 90A, 600V
Center Spacing: 0.635" (16.13mm)
Number of Poles: 3
Circuits Per Foot: 18
Circuit Jumper: JN1, 2 circuits
Wire Range: AWG #2-18 CU
Screw Size: #1/4-28
Mounting Options: 35mm DIN rail, C-rail, Base Mount
 * Dove-tail option is available for mounting side-by-side.
 Order part no. NDN111-A
Marking Tape: MT12-1-2
Torque Rating: 32 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 47235



Dimensions - in (mm)



Rail Mount Terminal Blocks

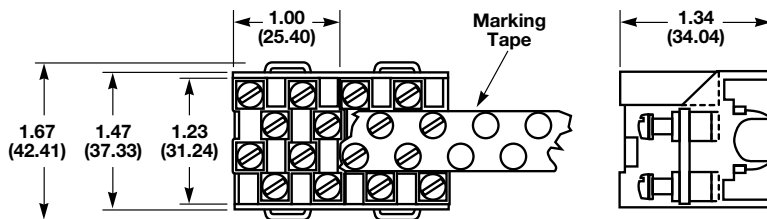
NDNV4

SPECIFICATIONS:

Rating: NDNV4 30A, 600V
Center Spacing: 0.25" (6.35mm)
Number of Poles: 4
Circuits Per Foot: 48
Circuit Jumper: JN4, 4 circuits
Wire Range: AWG #10-22 CU
Screw Size: #6-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MTC6
Torque Rating: 18 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



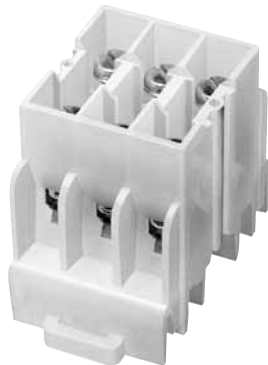
Dimensions - in (mm)



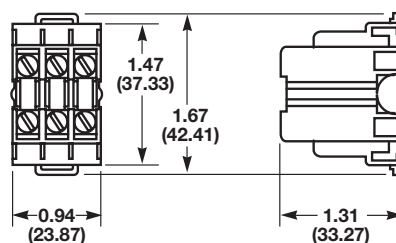
NDN3

SPECIFICATIONS:

Rating: 30A - field wiring; 40A - factory wiring
 600V
Center Spacing: 0.300" (7.62mm)
Number of Poles: 3
Circuits Per Foot: 38
Circuit Jumper: JNDN3, 2 circuits
Wire Range: AWG #10-22 CU
Screw Size: #6-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MT12-1-2
Torque Rating: 18 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



Rail Mount Terminal Blocks

N512

SPECIFICATIONS:

Rating: 5A, 600V; 20A, 300V
Center Spacing: 0.197" (5.00mm)
Number of Poles: 12
Circuits Per Foot: 60
Circuit Jumper: JN512, 12 circuits
Wire Range: AWG #12-22 CU
Screw Size: #4-48
Mounting Options: C-rail, 15mm DIN rail
Marking Tape: AT512
Torque Rating: 12 lb-in
Operating Temperature: 105°C
Agency Information: CSA File 15364



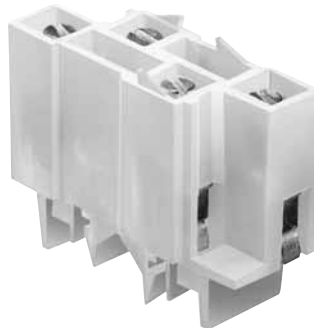
Dimensions - in (mm)



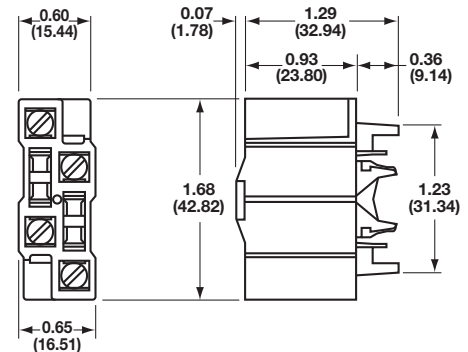
NFT2

SPECIFICATIONS:

Rating: 40A, 600V;
 55A Factory Wired
Center Spacing: 0.281" (7.13mm)
Number of Poles: 2
Circuits Per Foot: 38
Circuit Jumper: JN2, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail
Marking Tape: MT12-1-2
Torque Rating: 18 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



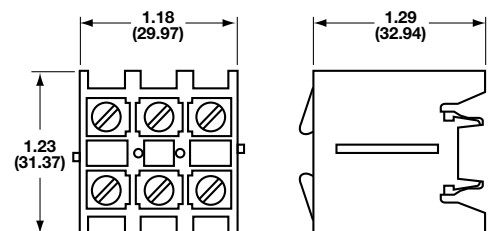
NFT3

SPECIFICATIONS:

Rating: 40A, 600V
 55A Factory Wired
Center Spacing: 0.390" (9.91 mm)
Number of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail
Marking Tape: MT12-1-2
Torque Rating: 18 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 47235



Dimensions - in (mm)



Rail & Base Mount Terminal Blocks

NC3

SPECIFICATIONS:

Rating: 175A, 600V
Center Spacing: 1.06" (26.92mm)
Number of Poles: 3
Circuits Per Foot: 11
Wire Range: 2/0-#14 CU/AL
Screw Size: 5/16-24
Mounting Options: C-rail, Base Mount
Marking Tape: MT12-1-2
Torque Rating: 45 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



NSE3

SPECIFICATIONS:

Rating: 115A, 600V
Center Spacing: 1.06" (26.92mm)
Number of Poles: 3
Circuits Per Foot: 11
Circuit Jumper: JNSE3, 2 circuits
Wire Range: For use with wire crimped to ring terminal
Screw Size: #1/4-28
Mounting Options: C-rail, Base Mount
Marking Tape: MT12-1-2
Torque Rating: 32 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



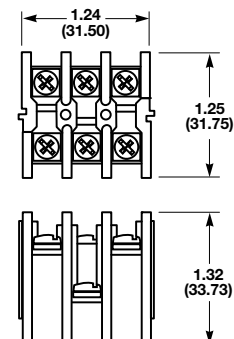
Dimensions - in (mm)



NSS3

SPECIFICATIONS:

Rating: 30A, 600V
Center Spacing: 0.385" (9.77mm)
Number of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JNSS3, 2 circuits
Wire Range: For use with wire crimped to ring terminal
Screw Size: #6-32
Mounting Options: C-rail
Marking Tape: MT12-1-2
Torque Rating: 12 lb-in
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



Depluggable Rail Mount Terminal Blocks

PLU3

SPECIFICATIONS:

Rating: 40A, 600V

Center Spacing: 0.390" (9.91mm)

Number of Poles: 3

Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits

Wire Range: AWG #8-22 CU

Screw Size: #8-32

Mounting Options: C-rail, Stackable

Marking Tape: MT12-1-2

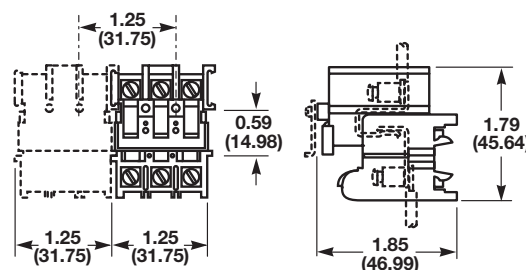
Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



PLU1 Series

SPECIFICATIONS:

Rating: 70A, 600V

Center Spacing: 0.625" (15.88mm)

Number of Poles: 1-3

Part Numbers:

- PLU1 (1-pole)
- PLU11 (2-pole)
- PLU111 (3-pole)

Circuits Per Foot: 19

Circuit Jumper: JN1, 2 circuits

Wire Range: AWG #4-18 CU

Screw Size: #1/4-28

Mounting Options: C-rail, Stackable

Marking Tape: MT12-1-2

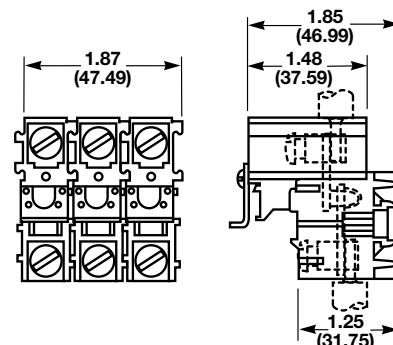
Torque Rating: 32 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



PSU1 Series

SPECIFICATIONS:

Rating: 45A*, 600V

*45A rating achieved with ring terminal crimped to wire.

Center Spacing: 0.625" (15.88 mm)

Number of Poles: 1-3

Part Number:

- PSU1 (1-pole)
- PSU11 (2-pole)
- PSU111 (3-pole)

Circuits Per Foot: 19

Wire Range: For use with crimp on connectors only.

Screw Size: #10-32

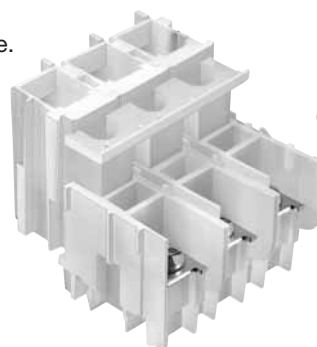
Mounting Options: C-rail, Stackable

Marking Tape: MT12-1-2

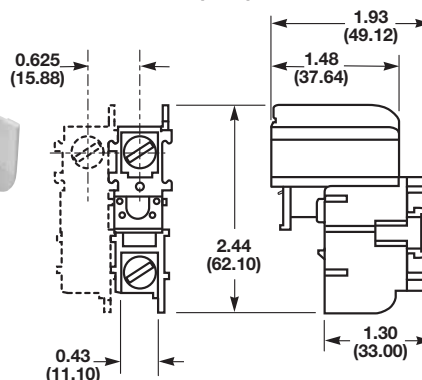
Torque Rating: 24 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



Fuse Holding Rail Mount Terminal Blocks

NDNF1

SPECIFICATIONS:

Rating: 30A, 600V; UL/CSA

Number Of Poles: 1

Fuse Size: 13/32" x 1-1/2"

Circuit Jumper: JF1, 2 Circuits

Wire Range: AWG #8-22 CU

Mounting Options: 35mm DIN rail, C-rail

Fuse Pullers: • PF1 (standard)

• neon or incandescent bulb

*LPF1 (lighted neon or incandescent bulb).

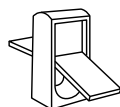
Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: CSA File 15364



Dimensions - in (mm)



PF1
Fuse Puller



LPF1
Lighted Fuse Puller

*Visual indicator for open fuse is neon or incandescent bulb, depending on voltage. Specify voltage required.

NDND1 non-fused terminal block enables isolation of individual circuits for testing

NDNFD1 fused terminal block

NDNLFD1 fused terminal block with visual indicator* for open fuse

SPECIFICATIONS:

Ratings: NDND1: 30A, 600V

NDNFD1: 15A, 600V

NDNLFD1: 15A, 600V

Number of Poles: 1

Fuse size: 1/4" x 1-1/4"

Circuit Jumper: JF1, 2 circuits

Wire Range: AWG #8-22 CU

Mounting Options: 35mm DIN rail, C-rail

Marking Tape: MT12-1-2

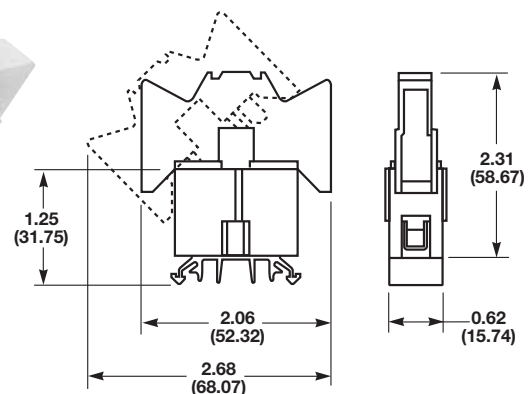
Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: CSA File 15364



Dimensions - in (mm)



*Visual indicator for open fuse is neon or incandescent bulb, depending on voltage. Specify voltage required.

Quick Connect Terminal Blocks

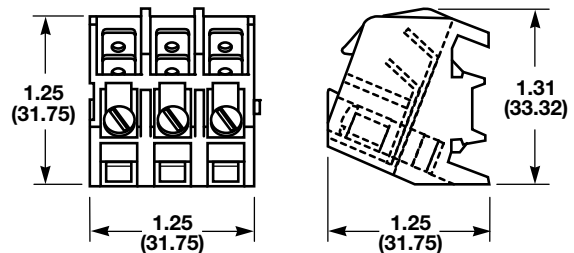
NTQ23

SPECIFICATIONS:

Rating: 40A, 600V
Center Spacing: 0.390" (9.91mm)
Number of Poles: 3
Circuits Per Foot: 28
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Quick Connects: 0.250" x 0.031"
Mounting Options: C-rail
Marking Tape: MT12-1-2
Torque Rating: 18 lb-in
Operating Temperature: 105°C



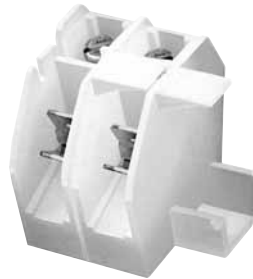
Dimensions - in (mm)



BNQ21

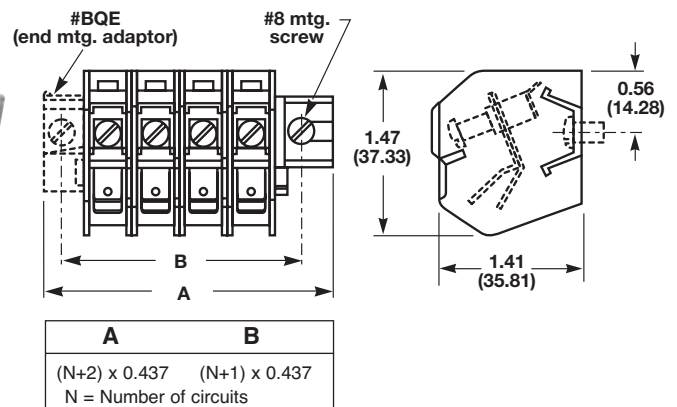
SPECIFICATIONS:

Rating: 40A, 600V
Center Spacing: 0.437" (11.10mm)
Number of Poles: 1
Circuits Per Foot: 24
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Quick Connects: 0.250" x 0.031"
Mounting Options: Base Mount Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
Torque Rating: 18 lb-in
Operating Temperature: 105°C
Screw Size: #8-32
Agency Information: UL File E62622, CSA File 15364



BQE
End Mounting
Adapter Required

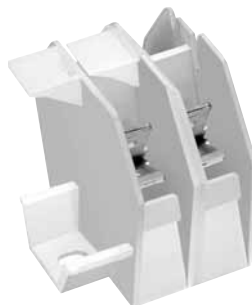
Dimensions - in (mm)



BQQ41

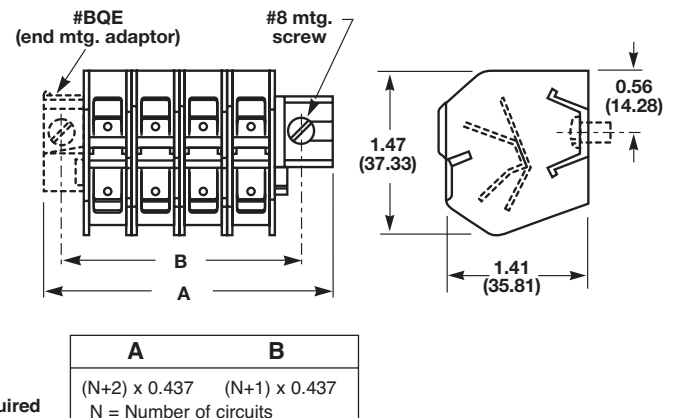
SPECIFICATIONS:

Rating: 30A, 600V
Center Spacing: 0.437" (11.10mm)
Number of Poles: 1
Circuits Per Foot: 24
Wire Range: For use with quick connect terminals only.
Quick Connects: 0.250" x 0.031"
Mounting Options: Base Mount, Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
Operating Temperature: 105°C
Agency Information: UL File E62622, CSA File 15364



BQE
End Mounting Adapter Required

Dimensions - in (mm)



Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Base Mount Terminal Blocks

KT3

SPECIFICATIONS:

Rating: 40A, 600V

Center Spacing: 0.390" (9.91mm)

Number of Poles: 3

Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits

Wire Range: AWG #8-22 CU

Screw Size: #8-32

Mounting Options: Base Mount, Stackable

Marking Tape: MT12-1-2

Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: UL File

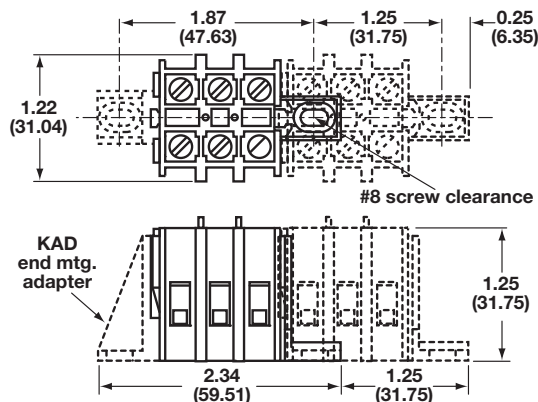
E62622, CSA File 15364



KAD

End Mount Adapter Required
KT3-A01 includes KAD

Dimensions - in (mm)



KT4

SPECIFICATIONS:

Rating: 30A, 600V

Center Spacing: 0.25" (6.35mm)

Number of Poles: 4

Part Number:

•KT4-WH-A

•KT4-WH-B

Note: When used in series must order A and B

Circuits Per Foot: 48

Circuit Jumper: JN4, 4 circuits

Wire Range: AWG #10-22 CU

Screw Size: #6-32

Mounting Options: Base Mount

Mounting screws recommended every 12 circuits

Marking Tape: MTC6

Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 15364



Dimensions - in (mm)



PLK3

SPECIFICATIONS:

Rating: 40A, 600V

Center Spacing: 0.39" (9.91mm)

Number of Poles: 3

Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits

Wire Range: AWG #8-22 CU

Screw Size: #8-32

Mounting Options: Base Mount,
Stackable; End Piece (Part No. KAD)is required for mounting. Mounting
screws recommended every 15 circuits.

Marking Tape: MT12-1-2

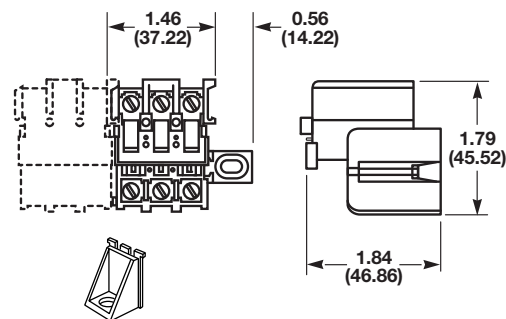
Torque Rating: 18 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622



Dimensions - in (mm)



KAD

End Mount Adapter Required

Series 15188

Disconnect Terminal Blocks for 35mm DIN Rail Mount

SPECIFICATIONS

Rating: 30A, 600V*

Center Spacing: 0.375" (9.52mm)

Wire Range: #12-16 AGW CU

Screw Size: #6-32 zinc-plated phillslot

Number of Poles: 3- and 4-pole only

Mounting: 35mm DIN Rail

Optional End Stop NDNAS

Jumpers: 2- through 4-pole available

Materials: Molded Base: UL rated 94V-2 thermoplastic.

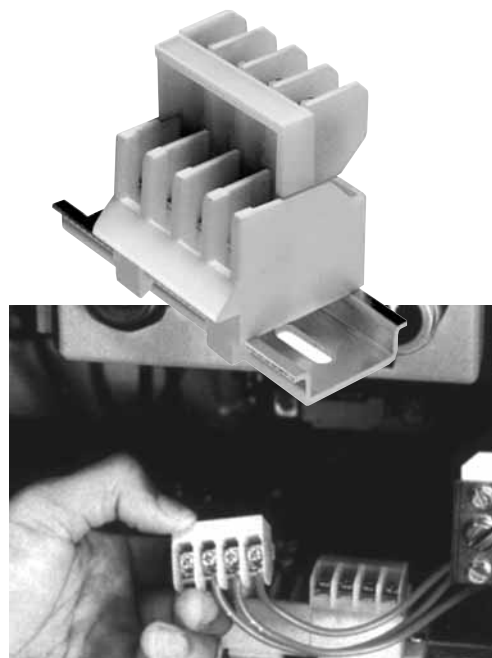
Tin plated copper alloy contacts.

Torque Rating: 12 lb-in

Operating Temperature: 105°C

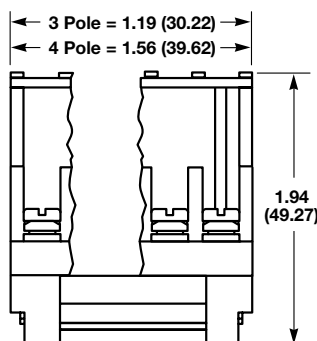
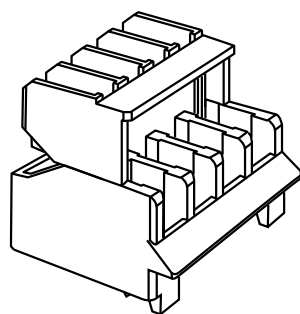
Agency Information: UL File E62622, CSA File 47235

* 30A rating achieved with #10AWG wire crimped to ring terminal; 25A without.

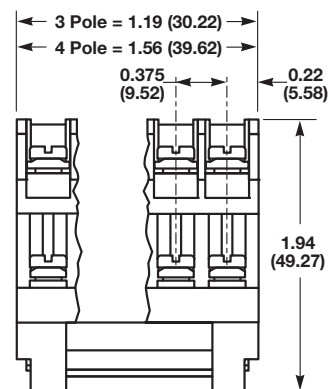
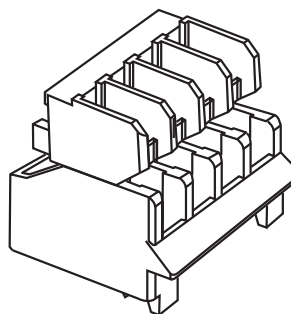


Dimensions - in (mm)

IN-LINE WIRING DIRECTION



REVERSE WIRING DIRECTION



Part Numbering System

Series

15188

Poles

3 to 4

Wiring

blank - inline

R - reverse

S - locking snap

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

15288 Series

Disconnect Terminal Blocks
for DIN Rail Mount

SPECIFICATIONS

Rating: 65A, 600V*

Center Spacing: 0.54" (13.7mm)

Wire Range: #6-16 AWG

Screw Size: #8-32 zinc-plated phillslot

Number of Poles: 3-pole only

Mounting: 35mm DIN Rail

Optional Accessories: Optional End Stop NDNAS
(order optional accessories separately)

Materials: Molded Base: UL rated 94V2 thermoplastic.
Tin-plated copper alloy contacts.

Torque Rating: 20 lb-in (30 lb-in for 8AWG bare wire)

Operating Temperature: 105°C (221°F)

Agency Information: UL File E62622

*CSA rating achieved with #6AWG wire crimped to ring terminal 50A without.

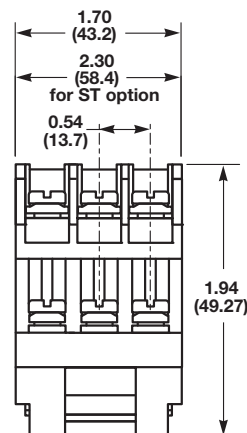
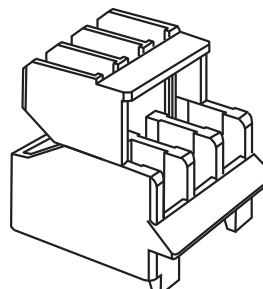


Dimensions - in (mm)

REVERSE WIRING DIRECTION



INLINE WIRING DIRECTION



Part Numbering System

Series

15288

Wiring

blank

blank - inline
R - reverse

Options

S ST SS

S - snap
ST - screw together
SS - solid DIN rail snap

Series KU

Base Mount Double Row Terminal Blocks

SPECIFICATIONS

Rating: 60A, 600V*

Center Spacing: 0.625" (15.88mm)

Number of Poles: 2- to 12-poles

Wire Range: #6-22 AWG CU

Screw Size: #10-32

Torque Rating: 20 lb-in.

Distance Between Barriers: 0.437" (11.09mm)

Mounting: Base mount

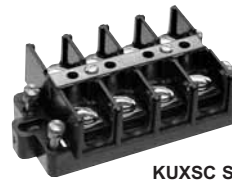
Material: Molded base: Black, UL rated 94V1 Nuclear Grade Noryl

Terminal plating: Nickel over brass

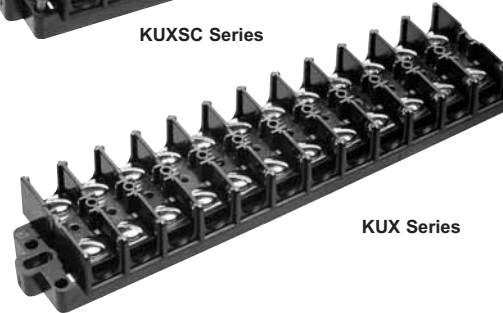
Operating Temperature: 105°C max.

Agency Information: UL File E62622, CSA File 47235

* 60A rating achieved with #6 copper wire crimped to ring terminal.

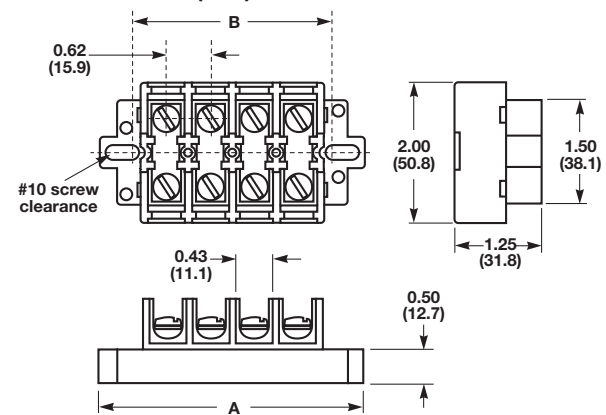


KUXSC Series



KUX Series

Dimensions - in (mm)



Poles	A	KU B	KUX only A
02	2.50	1.62	2.00
03	3.12	2.25	2.62
04	3.75	2.87	3.25
05	4.37	3.50	3.87
06	5.00	4.12	4.50
07	5.62	4.75	5.12
08	6.25	5.37	5.75
09	6.87	6.00	6.37
10	7.50	6.62	7.00
11	8.12	7.25	7.62
12	8.75	7.87	8.25

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Part Numbering System

Series



- KU** - standard block
- KUX** - short block
- KURL** - standard w/removable link
- KUXRL** - short block w/removable link

Poles



02 to 12

Screw Options



- 00** - screws shipped bulk
- W** - brass washer head, nickel-plated
- P** - steel screw w/pressure plate zinc-plated
- B** - brass washer head, no plating
- BP** - brass phillslot, nickel-plated

Covers



- WC** - top cover & 2 end plates

Marking Strip



- MT** - matte finish - white
- NU** - numbered 1 to 12, horizontal
- NUV** - numbered 1 to 12, vertical
- PT** - marker strip for cover

Part Numbering System - SC Series

KUSC - standard w/shorting strap & 4 shorting screws **02 to 12**

KUXSC - short block w/shorting strap & 4 shorting screws

- 00** - screws shipped bulk
- W** - brass washer head, nickel-plated
- P** - steel screw w/pressure plate zinc-plated
- B** - brass washer head, no plating
- BP** - brass phillslot, nickel-plated

WC - top cover & 2 end plates

PT - marker strip for cover

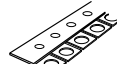
Accessories



MTMU##
Molded Marking Tape - Matte Finish



NUM##
Molded Marking Tape



JU12
Jumper - 12 Circuits



NUE
End Piece for NUC



NUC##
Cover

Series 11675

Quick-Connect Power Distribution Blocks

SPECIFICATIONS

Rating: 40A, 250V

Poles: 2- to 6-poles with (3) 0.25" quick-connect terminals per pole

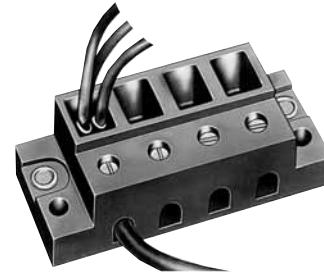
Wire Range: #8-14 AWG CU

Torque Rating: 18 lb-in.

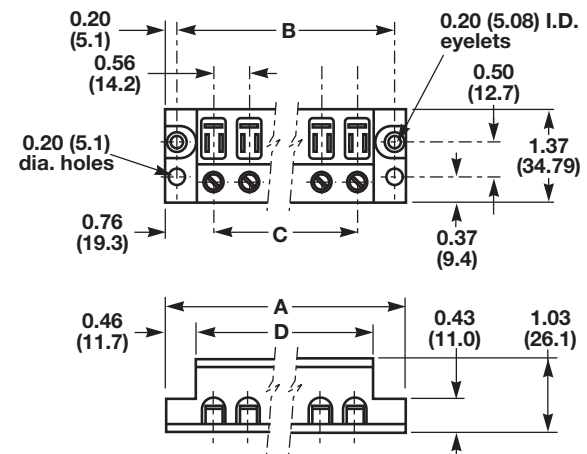
Operating Temperature: 150°C

Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.

Agency Information: UL File E62622, CSA File 47235



Dimensions - in (mm)



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series 11725

Quick-Connect Power Distribution Blocks

SPECIFICATIONS

Rating: 70A, 600V

Poles: 2-, 3- or 4-poles with (4) 0.25" quick-connect terminals per pole

Wire Range: #2-14 AWG CU / #2-8 AWG AL

Torque Rating: 45 lb-in.

Operating Temperature: 150°C

Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.

Agency Information: UL File E62622, CSA File 47235



Dimensions - in (mm)



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series 14002

Barrier Terminal Blocks

SPECIFICATIONS

Rating: 115A, 600V

Poles: 2- to 6-poles

Wire Range: #2-14 AWG CU / #2-8 AWG AL

Torque Rating: 2-3, 50 lb-in; 4-6, 45 lb-in; 8, 40 lb-in; 10-14, 35 lb-in.

Operating Temperature: 150°C

Marking: Marking strip optional, consult factory.

Options: CP = pressure plate, rated 60A, 600V

Q = quick-connect, rated 50A, 600V

To order enter letter code in front of part number: ie; CP14002-2

Agency Information: UL File E62622, CSA File 47235

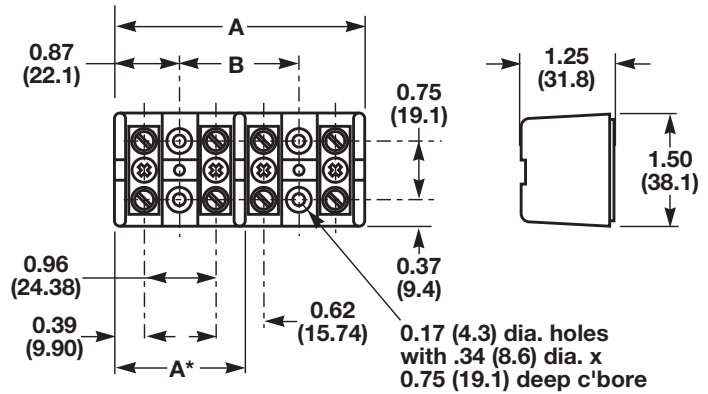
Part Number	A	B
14002-2	1.75	—
14002-3	2.37	—
14002-4	3.34	1.59
14002-5	3.96	2.21
14002-6	4.59	2.84

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Note: "A" dimension for 14002-2 & 14002-3 only. (14002-2 & 14002-3 have only two mounting holes.)



Dimensions - in (mm)



Series 14004

Dead Front Terminal Blocks

SPECIFICATIONS

Rating: 90A, 600V

Poles: 2- to 12-poles

Wire Range: #4-14 AWG CU / #4-8 AWG AL

Torque Rating:	Cu AWG	AL AWG	Lb-in
	4-6	4-6	35
	8	8	25
	10-14	10-12	20
	16-18*	—	20

*Solid conductor only

Operating Temperature: 75°C

Marking: Marking strip optional, consult factory.

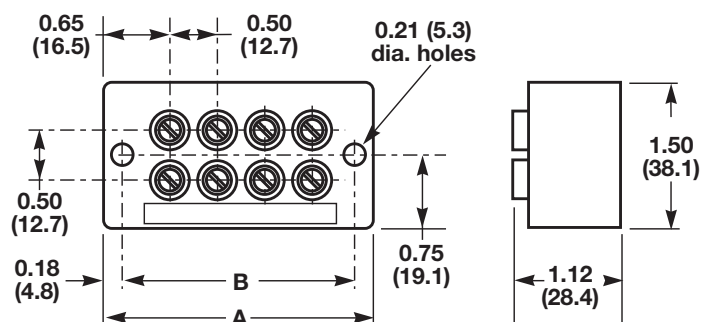
Agency Information: UL File E62622, CSA File 47235

Part Number	A	B
14004-2	1.81	1.43
14004-3	2.31	1.93
14004-4	2.81	2.43
14004-5	3.31	2.93
14004-6	3.81	3.43
14004-7	4.31	3.93
14004-8	4.81	4.43
14004-9	5.31	4.93
14004-10	5.81	5.43
14004-11	6.31	5.93
14004-12	6.81	6.43

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Dimensions - in (mm)



Series 160, 162, 163 & 165

Splicer Terminal Blocks

SPECIFICATIONS

Rating: To 620A, 600V; UL/CSA. See table.

Materials: Molded material: Black,
UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class
per UL 1059; CSA LR053787; CE Certified

Covers: See page 134



160 Series only

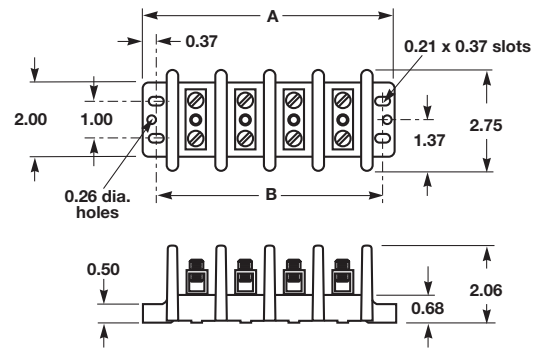
Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals
*16000	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL -
*16003	250k cmil-#6CU only	250k cmil-#6CU only	CU-255A	UL -
*16005	350k cmil-#6CU/AL	350k cmil-#6CU/AL	AL-310A	UL -
16200	#2-#14CU, #2-#8AL	#2-#14CU, #2-#8AL	AL-115A	UL/CSA
16201	1/0-#14CU Only	1/0-#14CU Only	CU-150A	UL/CSA
16204	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL/CSA
16301	250cmil-#6CU Only	250cmil-#6CU Only	CU-255A	UL/CSA
16303	350cmil-#6CU/AL	350cmil-#6CU/AL	AL-310A	UL/CSA
16306	500cmil-#6CU/AL	500cmil-#6CU/AL	AL-380A	UL/CSA
16500	250cmil-#4CU/AL	250cmil-#4CU/AL	AL-620A	UL/CSA
16504	500Mcmil-#6CU/AL	500Mcmil-#6CU/AL	AL-760A	UL/CSA

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

② Openings per pole.

No. of Poles	A	B
2	4.12	3.62
3	5.37	4.87
4	6.62	6.12

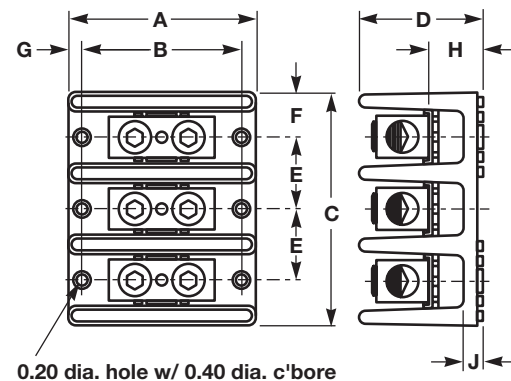
Dimensions - in



Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.12	5.81	8.50

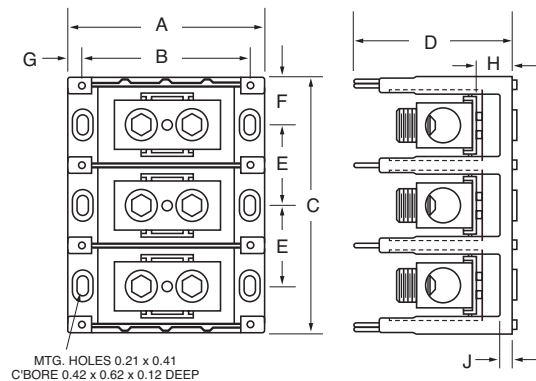
Series	D	E	F	G	H	J
162	1.75	0.81	0.53	0.31	0.84	0.31
163	3.32	1.62	0.97	0.31	0.87	0.35
165	3.12	2.68	1.56	0.37	1.37	0.62

Dimensions - in



162 Series

Dimensions - in



163 Series

Series PDBFS

Power Distribution Blocks

Feature/Benefits

- Enclosed, safer installation; IP-20 finger-safe under specific conditions
- High Short-Circuit Current Ratings up to 200,000A: PDBs do not have to be the weak link in achieving high SCCR for an industrial control panel
- Small footprint saves panel space
- Listed to UL1953 which has minimum spacing requirements at 600V of at least 1" through air and 2" over surface required for feeders in UL UL508A Industrial Control Panels
- For 2D CAD drawings visit www.cooperbussmann.com



Electrical

- 600Vac or dc (UL 1953), 690Vac or dc (IEC)
- IP-20 Finger Safe under specific conditions
- Short-Circuit Current Ratings up to 200,000kA, see table
- Ampacities up to 760 Amps
- CU Wire range 14 AWG to 500 kcmil or 2.5 to 240 mm²

Mechanical

- DIN rail or panel mount; PDBFS330 & PDBFS504 panel mount only
- Captive termination screws; screws do not get misplaced
- Wire ready: captive termination screws shipped backed out to save time on conductor installations
- Sliding DIN rail latch for easy mounting
- Single pole, gang mountable for multiple pole applications with interlocking dovetail accessory (optional)
- Flammability, UL 94V0
- Tin-plated AL connectors suitable for CU conductors
- Elongated hole for panel mounting; easier mounting with greater flexibility in matching up with drilled panel holes
- Part 2A1279: Interlocking dovetail pin accessory
One pin interlocks two units, two pins to interlock three units
- DIN rail end anchors required to prevent damage to block when torquing

Agency/Standards

- UL Listed 1953, Guide QPQS, File E256146
- CSA Certified, Class 6228-01, File 15364
- CE component IEC 60947-7-1
- IEC 60529, IP-20 (Finger Safe) under specific wiring conditions

Series PDBFS

		Terminal Copper Conductor Capability			Short-Circuit Current Rating Data						
Catalog Number (All Single Pole)	Amps	Line	Load	Configuration	Conductors		Max Fuse Class & Amp**				SCCR
		Wire Range	Wire Range	Openings per Pole	Line	Load	J	T	RK1	RK5	
				Line Load	AWG or kcmil	AWG or kcmil	LPJ	JJS JJN	LPS-RK LPN-RK	FRS-R FRN-R	
PDBFS204	175A	2/0 - 8 AWG 70 - 10 mm ²	2/0 - 8 AWG 70 - 10 mm ²		2/0 - 8	2/0 - 8	200	200	100	60	200kA
PDBFS220	175A	2/0 - 8 AWG 70 - 10 mm ²	4 - 14 AWG 25 - 2.5 mm ²		2/0 - 8	4 - 12 4 - 14	200 175† 200†	200 175† 200†	100† 100† 100†	60† 60† 60†	200kA 100kA 50kA
PDBFS303	310A	350kcmil - 6 AWG 150 - 16 mm ²	350kcmil - 6 AWG 150 - 16 mm ²		350 - 6	350 - 6	400	400	200	100	200kA
PDBFS330	380A	500kcmil - 6 AWG 240 - 16 mm ²	2 - 14 AWG 35 - 2.5 mm ²		500 - 6	2 - 6 2 - 14	400 200† 175†	400 200† 175†	200† 100† 100†	100† 30† 30†	200kA 50kA 100kA
PDBFS377	570A	300kcmil - 4 AWG 150 - 12 mm ²	4 - 14 AWG 25 - 2.5 mm ²		300 300 - 4	4 - 8 4 4 - 14	600 600† 200†	600 600† 200†	400† 400† 100†	200† 200† 30†	200kA 50kA 50kA
PDBFS500	620A	350kcmil - 4 AWG 185 - 12 mm ²	350kcmil - 4 AWG 185 - 12 mm ²		350 350 - 4	350 350 - 4	600 600	600 800	400 600	200 200	200kA 100kA
PDBFS504	760A	500kcmil - 6 AWG 240 - 16 mm ²	500kcmil - 6 AWG 240 - 16 mm ²		500 500 - 6	500 500 - 6	600 600	800* 800*	600 600	400 600	200kA 100kA 100kA

Ampacities 75C per NEC® Table 310.16 and UL508A Table 28.1

*Class L 800A (KRP-C 800_SP) or less fuses suitable for this particular SCCR case.

** Class G 60A (SC-60) or less or Class CC 30A (LP-CC-30, FNQ-R-30, KTK-R-30) or less are suitable for all these SCCRs in this table.

† Higher SCCR may be available, check latest datasheet 1149.

Series 160, 162, 163 & 165 Power Distribution Blocks

SPECIFICATIONS

Rating: To 840A, 600V; UL/CSA. See table.

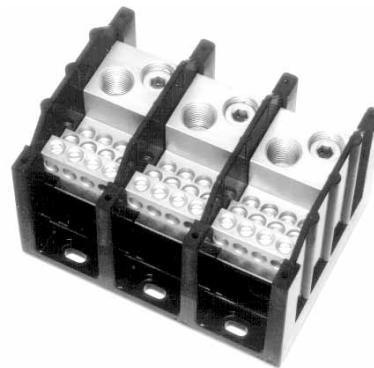
Materials: Molded material: Black,
UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class per
UL 1059; CSA LR053787; CE Certified

Covers: See page 134



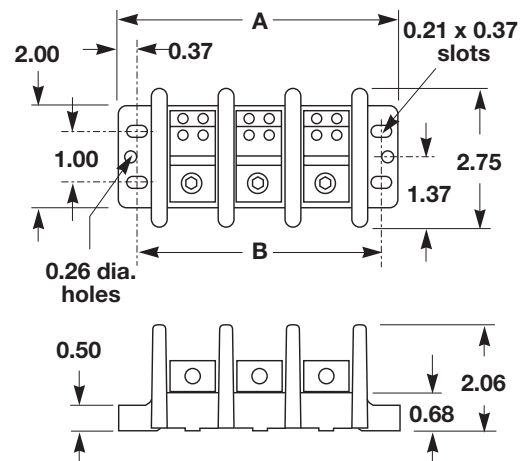
Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals
*16021	2/0-#14CU, 2/0-#8AL	④#4-14CU, #4-#8AL	AL-175A	UL/CSA
*16023	350kcmil-#6CU/AL	④#4-14CU, #4-#12AL	AL-310A	UL/CSA
16220	2/0-#14CU, 2/0-#8AL	④#4-14CU, #4-#8AL	AL-175A	UL/CSA
16321	2/0-#14CU, 2/0-#8AL	④#4-14CU, #4-#8AL	AL-175A	UL/CSA
16323	350kcmil-#6CU/AL	④#4-14CU, #4-#12AL	AL-310A	UL/CSA
16325	②2/0-#14CU, 2/0-#8AL	④#4-14CU, #4-#8AL	AL-350A	UL/CSA
16330	500kcmil-#6CU/AL	④#2-#14CU, #2-#12AL	AL-380A	UL/CSA
16332	350kcmil-#6CU/AL	④#2-#14CU, #2-#8AL	AL-310A	UL/CSA
16335	500kcmil-#6CU/AL	②1/0-#14CU, 1/0-#8AL	AL-380A	UL/CSA
16370	350kcmil-#6CU/AL	④#2-#14CU, #2-#8AL	AL-310A	UL/CSA
16371	350kcmil-#6CU/AL	②1/0-#14CU, 1/0-#8AL	AL-310A	UL/CSA
16372	350kcmil-#6CU/AL	④#4-#14CU, #4-#12AL	AL-310A	UL/CSA
16373	350kcmil-#6CU/AL	④#2-#14CU, #2-#8AL	AL-310A	UL/CSA
16375	600kcmil-#2CU/AL	②1/0-#14CU, #10AL	AL-420A	UL/CSA
16376	600kcmil-#2CU/AL	④#4-#14CU, #4-#12AL	AL-420A	UL/CSA
16377	③300kcmil-#4CU/AL	④#2-#14CU, #2-8AL	AL-570A	UL/CSA
16528	③600kcmil-#2CU/AL	②1/0-#14CU, 1/0-#8AL	AL-840A	UL/CSA
16530	③500kcmil-#6CU/AL	④#4-#14CU/AL	AL-760A	UL/CSA

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

① Openings per pole.

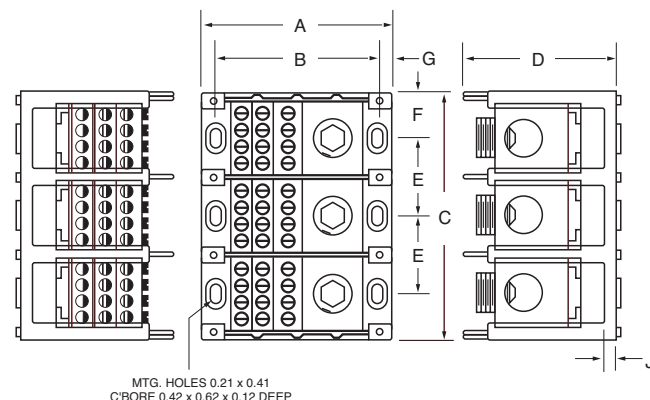
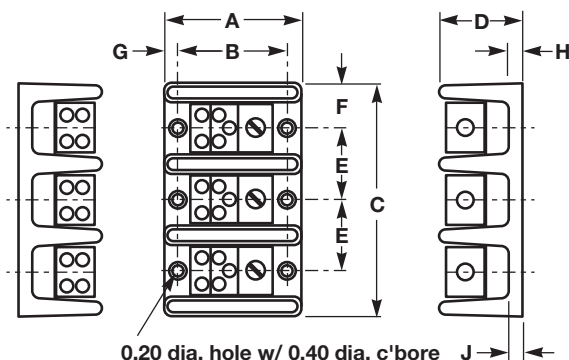
160 Series only

No. of Poles	A	B
2	4.12	3.62
3	5.37	4.87
4	6.62	6.12



Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.12	5.81	8.50

Series	D	E	F	G	H	J
162	1.75	0.81	0.53	0.31	0.84	0.31
163	3.32	1.62	0.97	0.31	0.87	0.35
165	3.12	2.68	1.56	0.37	1.37	0.62



Series 162, 163 & 165

Connector/Stud Power Distribution Blocks

SPECIFICATIONS

Rating: To 760A, 600V; UL/CSA. See table.

Materials: Molded material: Black, UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class per UL 1059; CSA LR053787; CE Certified

Covers: See page 134



Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

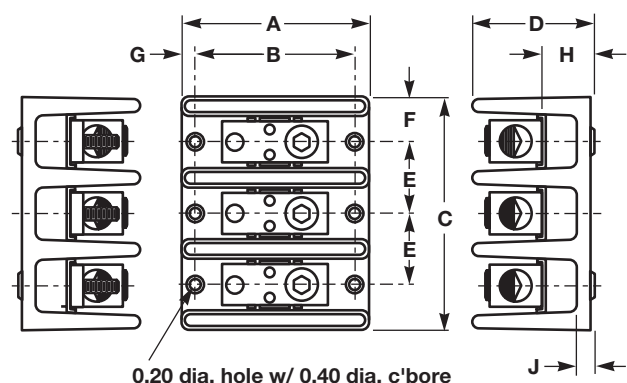
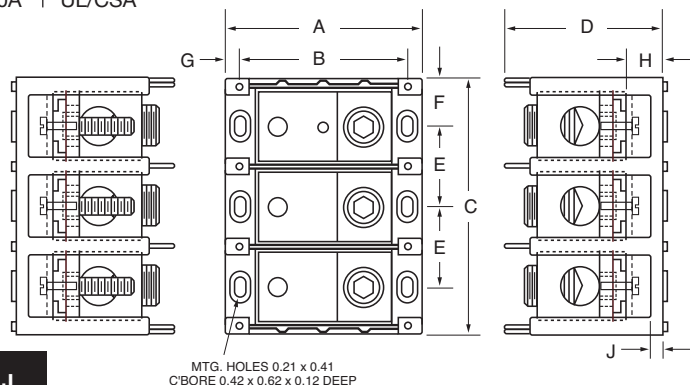
Compliance
References

Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals
Connector to Stud				
16280	2/0-#14CU/AL	1/4-20x3/4 Stud	AL-175A	UL
16281	2/0-#14CU/AL	1/4-20 Tapped hole	AL-175A	UL
16378	500kcmil-#6CU/AL	1/4-20x1 Stud	AL-380A	UL/CSA
16383	500kcmil-#6CU/AL	3/8-16x1 Stud	AL-380A	UL/CSA
16582	500kcmil-#6CU/AL	3/8-16x1 5/8 Stud	AL-760A	UL/CSA
Stud to Stud				
16290	1/4-20x3/4 Stud	1/4-20x3/4 Stud	Cu-175A	UL
16390	3/8-16x1 1/8 Stud	3/8-16x1 1/8 Stud	CU-250A	UL/CSA
16394	1/2-13x1 1/16 Stud	1/2-13x1 1/16 Stud	CU-400A	UL/CSA
16395	3/8-16x1 1/16 Stud	1/4-20x9/16 Stud	CU-310A	UL/CSA
16591	3/8-16x1 1/16 Stud	3/8-16x1 1/16 Stud	CU-400A	UL/CSA
16593	1/2-13x1 Stud	1/2-13x1 Stud	CU-600A	UL/CSA

¹⁾ Openings per pole.

Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.10	5.79	8.48

Series	D	E	F	G	H	J
162	1.75	0.81	0.53	0.31	0.84	0.31
163	3.32	1.62	0.97	0.31	0.87	0.35
165	2.93	2.68	1.55	0.37	1.19	0.44



Series EN

Power Blocks

1.78" Centers

SPECIFICATIONS**Rating:** 285A, 600V; UL/CSA**Wire Range:** Line Connection: #300MCM-#4 CU/AL

Load Connection: (6) #6-14AWG CU

(6) #8-14 AWG AL

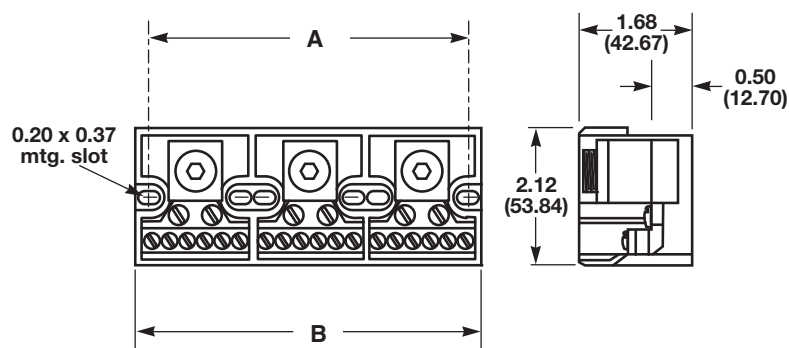
Material: Molded material; Black, UL rated

94V2 thermoplastic

Poles: 1-3**Operating Temperature:** 125°C**Torque Rating:** 200 lb-in. line terminal, 20 lb-in. load terminal**Agency Information:** UL File E62622, CSA File 47235**Covers:** Not available

Series	A	B
EN61- (1-pole)	1.38	1.78
EN62- (2-pole)	3.15	3.62
EN63- (3-pole)	4.93	5.37

Dimensions - in (mm)

**Covers (160, 162, 165 Series)****Part Numbering System**

Series



160

162

165

1 - One Pole Block (162, 165 Series only)

2 - Two Pole Block

3 - Three Pole Block

4 - Four Pole Block (160 Series only)

Covers (163 Series)**Part Numbering System**

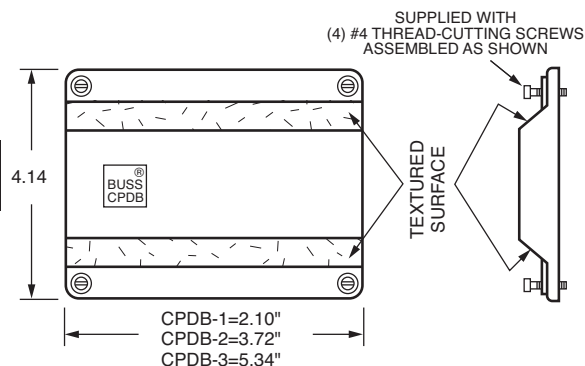
Series



1 - One Pole Block

2 - Two Pole Block

3 - Three Pole Block



Clear with write on surface

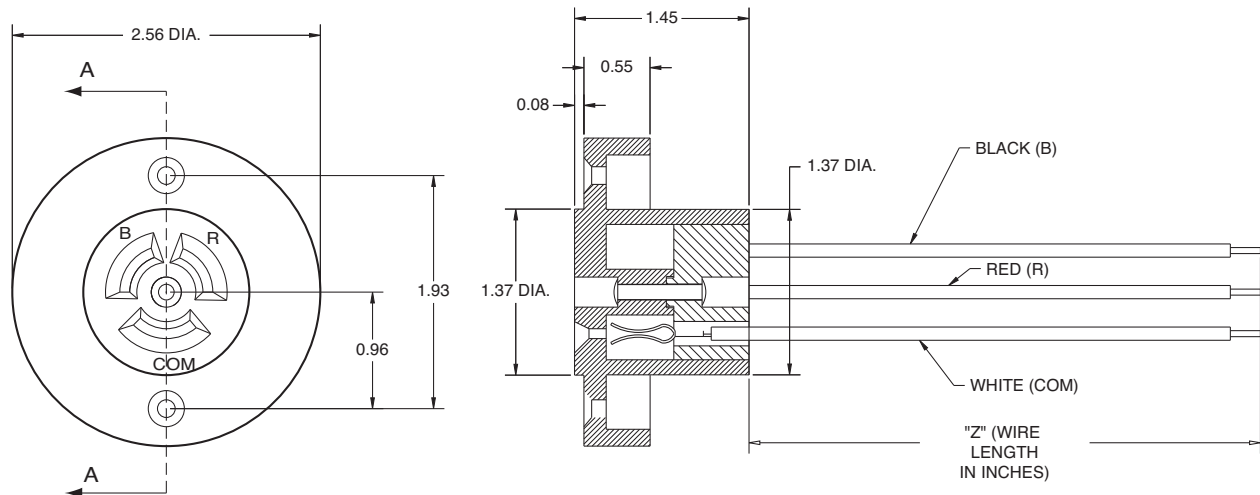
Photo Control Receptacle Series

Wire Management Products

- 3-pole, 3-wire receptacles for plug-in, locking type photo controls used in outdoor areas and roadway lighting.
- Receptacle configuration, terminals and limiting dimensions are in accordance with Figure 3 of EE Pub. No. TDJ-146, NEMA Pub. No. SH 16-1962 and UL 773.
- Wire types and sizes ranging from #12 AWG through 16 AWG rated at 600V with temperature ratings from 105° to 200°C. Consult factory for other wire colors.
- Hook-up wires are an integral part of the assembly with lengths furnished to customer specification.
- UL Recognized under file E65288 for a rating of 1kW or 1800VA for potentials up to 480V.
- CSA certified under file LR21295 for 15 amps at 125V.
- CE Certified.



Dimensions - in



Part Numbering System

Series

13661

Terminal Type

W

W - wire

Wire Type

□

See Table I

Wire Gauge

□□

See Table II

Wire Length

□

Dimension "Z"*

* Min 4"

TABLE I (Wire Type)

Ass'y No.	Wire Description
13661-W1XX	Min. of 26 Strands, Copper Conductor, 125°C-600V Crosslinked Polyethylene.
13661-W2XX	Min. of 26 Strands, Copper Conductor, Silicone Rubber Insulation and Fiber Glass Braid Jacket, Nec. Type SFF-2(150°C)
13661-W3XX	Min. of 26 Strands, Copper Conductor, Type TW, 105°C-600V Insulation (16 gauge only)
13661-W4XX	Min. of 7 Strands, Copper Conductor of 0.0192 Silicone Rubber Insulation and Fiber Glass Braid Jacket, Nec. Type SF-2 (200°C)
13661-W5XX	Min of 19 Strands, Copper Conductor, Type AWM. 105°C-600V Insulation

TABLE II (Wire Gauge)

Ass'y No.	Wire Gauge
13661-W2XX	12 Gauge
13661-W4XX	14 Gauge
13661-W6XX	16 Gauge

Stud Type Junction Blocks (Non-Feed Thru)



Series C4559 & C6083

SPECIFICATIONS

Rating: 30A, 600V

Operating Temperature: 250°F (120°C)

Standards: 2 to 16 steel studs with #10-24 threads on 0.750" centers and a "dog point" to guide nut onto thread.

Torque Rating: 20 lb-in (25 lb-in).

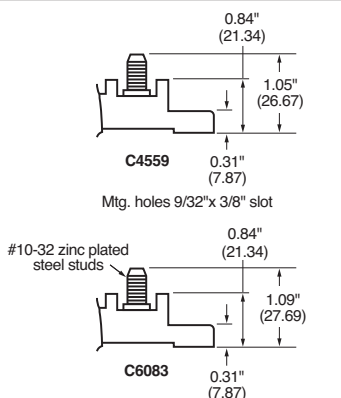
Marking: Numbers and arrows molded on top of barriers indicate terminals.

Agency Information: CSA File 15364

Dimensions - in (mm)



Other series available with 0.750" centers:



(A,B,C Dimensions are the same as C4559)

Part No.-Poles	A	B	C
C4559-2	3.00 (76.2)	2.25 (57.1)	0.75 (19.0)
C4559-3	3.75 (95.2)	3.00 (76.2)	1.50 (38.1)
C4559-4	4.50 (114.3)	3.75 (95.2)	2.25 (57.1)
C4559-5	5.25 (133.3)	4.50 (114.3)	3.00 (76.2)
C4559-6	6.00 (152.4)	5.25 (133.3)	3.75 (95.2)
C4559-7	6.75 (171.4)	6.00 (152.4)	4.50 (114.3)
C4559-8	7.50 (190.5)	6.75 (171.4)	5.25 (133.3)
C4559-9	8.25 (209.5)	7.50 (190.5)	6.00 (152.4)
C4559-10	9.00 (228.6)	8.25 (209.5)	6.75 (171.4)
C4559-11	9.75 (247.6)	9.00 (228.6)	7.50 (190.5)
C4559-12	10.50 (266.7)	9.75 (247.6)	8.25 (209.5)
C4559-13	11.25 (285.7)	10.50 (266.7)	9.00 (228.6)
C4559-14	12.00 (304.8)	11.25 (285.7)	9.75 (247.6)
C4559-15	12.75 (323.8)	12.00 (304.8)	10.50 (266.7)
C4559-16	13.50 (342.9)	12.75 (323.8)	11.25 (285.7)

Series C5237 & JB1032

SPECIFICATIONS

Rating: UL: 30A, 300V; CSA: 30A, 600V.

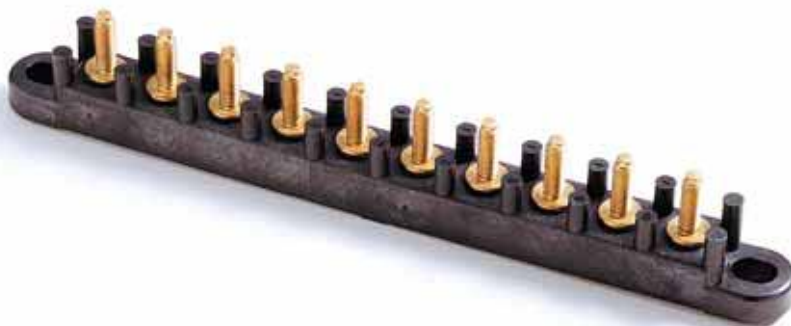
Operating Temperature: 250°F (120°C)

Standards: 1 to 15 brass studs on 0.625" centers with #10-32 thread and a "dog point" to guide nut onto thread.

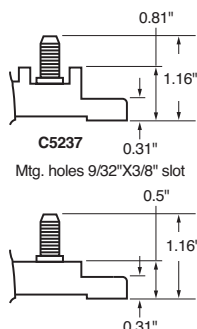
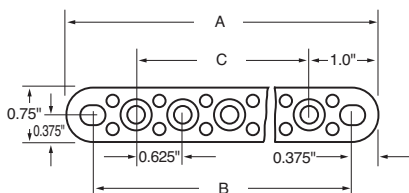
Torque Rating: 20 lb-in (25 lb-in).

Marking: Numbers and arrows molded on top of barriers indicate terminals.

Agency Information: CSA File 15364



Dimensions - in (mm)



JB1032-120-XX
(No bosses between studs)
(A,B,C Dimensions are the same as C5237)

Part No.-Poles	A	B	C
C5237-1	2.00 (50.8)	1.25 (31.7)	-
C5237-2	2.62 (66.7)	1.87 (47.5)	0.625 (15.9)
C5237-3	3.25 (82.5)	2.50 (63.4)	1.25 (31.7)
C5237-4	3.87 (98.4)	3.12 (79.4)	1.87 (47.5)
C5237-5	4.50 (114.3)	3.75 (95.2)	2.50 (63.4)
C5237-6	5.12 (130.8)	4.37 (111.1)	3.12 (79.4)
C5237-7	5.75 (146.0)	5.00 (127.0)	3.75 (95.2)
C5237-8	6.37 (161.9)	5.62 (142.9)	4.37 (111.1)
C5237-9	7.00 (177.8)	6.25 (158.7)	5.00 (127.0)
C5237-10	7.62 (193.7)	6.87 (174.6)	5.62 (142.9)
C5237-11	8.25 (209.5)	7.50 (190.5)	6.25 (158.7)
C5237-12	8.87 (225.4)	8.12 (206.4)	6.87 (174.6)
C5237-13	9.50 (241.3)	8.75 (222.2)	7.50 (190.5)
C5237-14	10.12 (257.2)	9.37 (238.1)	8.12 (206.4)
C5237-15	10.75 (273.0)	10.00 (254.0)	8.75 (222.2)

Stud Type Junction Blocks

SPECIFICATIONS

Material: Studs on non-feed-thrus are steel plated; feed-thrus are copper alloy.

Applications: Heavy-duty ground or power connection points in AC or DC circuits. Feed-thru or stand alone mount options available for transformers, communication and computer power sections along with various vehicle electrical systems.

Benefits: Modular design offers design and manufacturing flexibility.

Suggested Max. Termination Ratings:

Thread/Stud Sz.	Max. Amps
#10	50
#1/4 & M6	100
#5/16	200
#3/8	250
#1/2	400

Dimensions - in (mm)



Part	Fig.	A	B	C	D	E	F	G	H	J	K	L	M	Max. Torque (in-lb)	Material	Color
C1925*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	300	Thermoplastic / Zinc-plated Brass	Red
C1925B*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	300	Thermoplastic / Zinc-plated Brass	Black
C1925-1*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	300	Thermoplastic / Tin-plated Brass	Red
C1925-1B*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	300	Thermoplastic / Tin-plated Brass	Black
C1925-2*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	3/8-16	150	Thermoplastic / Tin-plated Brass	Red
C1925-2B*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	3/8-16	150	Thermoplastic / Tin-plated Brass	Black
C1933	1	2.75 (69.8)	1.44 (36.3)	1.25 (31.7)	1.5 (38.1)	1.12 (28.6)	.37 (9.5)	None	.19 (4.8)	None	2.0 (50.8)	.22 dia.	1/2-13	300	Thermoplastic / Zinc-plated Brass	Black
C1933-1	1	2.75 (69.8)	1.44 (36.3)	1.25 (31.7)	1.5 (38.1)	1.12 (28.6)	.37 (9.5)	None	.19 (4.8)	None	2.0 (50.8)	.22 dia.	5/16-18	75	Thermoplastic / Zinc-plated Brass	Black
C1938*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Brass	Black
C1938R*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Brass	Red
C1938-1*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	5/16-18	75	Thermoplastic / Tin-plated Brass	Black
C1938-1R*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	5/16-18	75	Thermoplastic / Tin-plated Brass	Red
C2791*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	.69 (17.5)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	30	Thermoplastic / Zinc-plated Brass	Black
C2791-R*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	.69 (17.5)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	30	Thermoplastic / Zinc-plated Brass	Red
C2909*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	1.0 (25.4)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	10-32	24	Thermoplastic / Zinc-plated Brass	Black
C2909-1*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	1.0 (25.4)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	30	Thermoplastic / Zinc-plated Brass	Black
C4044*	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Brass	Black
C4044-1*	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Tin-plated Brass	Black
C4044-1R*	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Tin-plated Brass	Red
C5898*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Brass	Red
C6344-2	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	None	.06 (1.6)	None	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/2-20	150	Thermoplastic / Zinc-plated Steel	Black
C7018*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.47 (11.9)	.69 (17.5)	.31 (7.9)	.53 (13.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	M6	55	Thermoplastic / Zinc-plated Steel	Black
C7020*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.88 (22.2)	.69 (17.5)	.31 (7.9)	1.25 (31.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Brass	Red
JB3816-2	2	2.12 (54.0)	.98 (24.9)	.62 (15.9)	.87 (22.2)	.69 (17.5)	.31 (7.9)	None	.06 (1.6)	None	1.37 (34.9)	.22 dia. w/.37 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Steel	Black
JB3816-3	2	2.12 (54.0)	.98 (24.9)	.62 (15.9)	.87 (22.2)	.69 (17.5)	.31 (7.9)	None	.06 (1.6)	None	1.37 (34.9)	.22 dia. w/.37 dia. C'bore x .14 deep	3/8-16	150	Thermoplastic / Zinc-plated Steel	Red

*Feed-thru Options - Nuts & washers; consult factory.

Series C7021

Power Feed Thru Terminal Block

APPLICATIONS

The C7021 terminal block is intended for use in applications requiring up to 175A utilizing a 2-hole compression lug on 5/8" centers. It is ideal for use as an input/output block for telecommunications power panels, or anywhere in which eliminating busbars would be an advantage.

SPECIFICATIONS

Ratings: 175A* per pole, 300V.

Center Spacing: 0.690" (17.5mm)

Wire Range: AWG #2/0-8

Material: UL 94V0 Thermoplastic

Number of Poles: 2- to 6-pole

Bolt Hole Spacing: 0.625" (15.88mm)

Stud: Standard 1/4-20 stud or optional M6 stud.

Mounting: Optional mounting ears.

Stud Material: Brass, Tin-Plated.

Torque Rating: 36 lb-in

Operating Temperature: 130°C

Accessories: Dead-Front covers (CSB7021-XX)

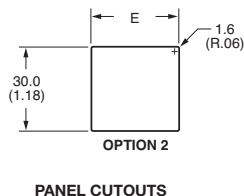
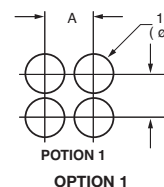
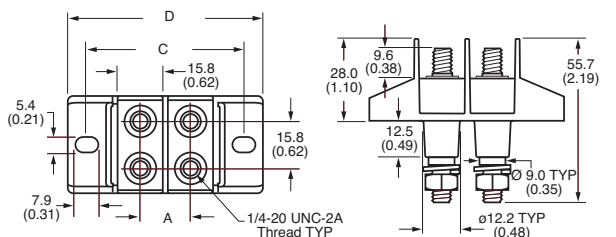
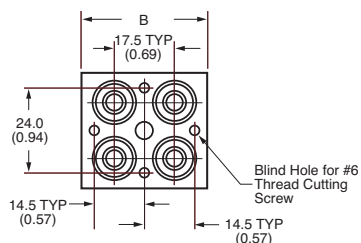
Agency Information: UL File E62622

*175 achieved using both studs in parallel, 115A using a single stud per line.



Dimensions - mm (in)

Part No.	A	B	C	D	E
C7021-01-X			37 (1.45)	49.5 (1.95)	15 (0.6)
C7021-02-X	17.5 (0.69)	-	54.4 (2.14)	67.3 (2.65)	31.8 (1.25)
C7021-03-X	34.9 (1.37)	-	70.9 (2.83)	84.8 (3.34)	49.2 (1.94)
C7021-04-X	52.3 (2.06)	-	89.3 (3.52)	102.2 (4.02)	66.7 (2.63)
C7021-05-X	69.8 (2.75)	-	106.8 (4.20)	119.7 (4.71)	84.2 (3.31)
C7021-06-X	87.2 (3.44)	-	124.2 (4.89)	134.1 (5.40)	101.7 (4.00)
C7021-01N-X					
C7021-02N-X	17.5 (0.69)	36.1 (1.42)	-	-	31.8 (1.25)
C7021-03N-X	34.9 (0.69)	53.5 (2.11)	-	-	49.2 (1.94)
C7021-04N-X	52.3 (2.06)	71.0 (2.80)	-	-	66.7 (2.63)
C7021-05N-X	69.8 (2.75)	88.4 (3.48)	-	-	84.2 (3.31)
C7021-06N-X	87.2 (3.44)	105.9 (4.17)	-	-	101.7 (4.00)



Part Numbering System

Inches (Millimeters)

Series

C7021

Poles

— □ □

01 - 1 pole (2 studs)
 02 - 2 pole (4 studs)
 03 - 3 pole (6 studs)
 04 - 4 pole (8 studs)
 05 - 5 pole (10 studs)
 06 - 6 pole (12 studs)

Mount Ends

□

Blank - Mount ends
 N - No mount ends

Studs

□ □ —

Blank - Standard
 M6 - M6 studs

Hardware

□

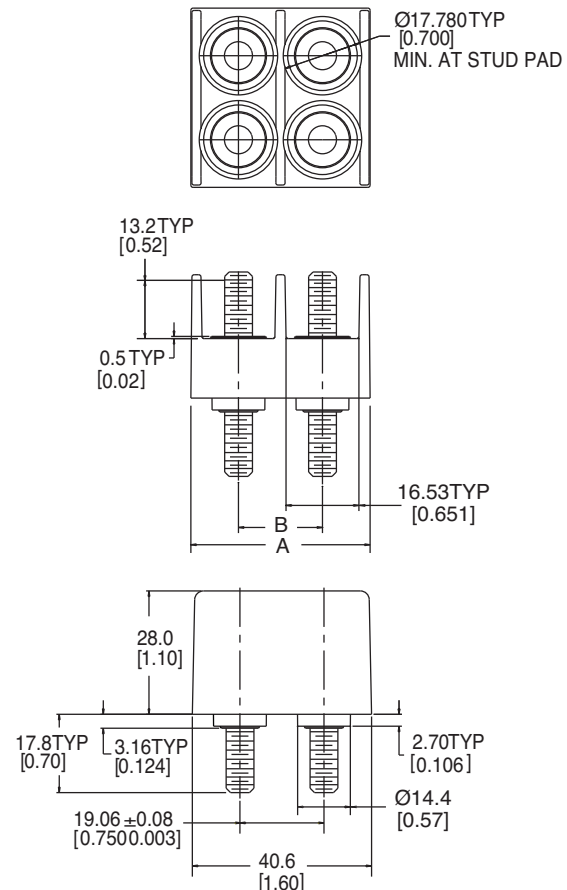
Blank - No hardware
 0 - Bulk pack, one set
 1 - Bulk pack, two sets
 2 - Assembled, bottom
 3 - Assembled, top
 4 - Assembled, both sets

Series C7024**Power Feed Thru Terminal Block****APPLICATIONS**

The C7024 terminal block is intended for use in applications requiring up to 115A utilizing a 2-hole compression lug on 3/4" centers. It is ideal for use as an input/output block for telecommunications power panels, or anywhere in which eliminating busbars would be an advantage.

SPECIFICATIONS

Ratings: 115A per pole, 600V.
Center Spacing: 0.75" (19.1mm)
Material: UL 94V0 Thermoplastic
Wire Range: AWG #28
Number of Poles: 1- to 12-poles
Bolt Hole Spacing: 0.75" (19.1mm)
Stud: Standard 1/4-28 stud
Stud Material: Tin-Plated Bronze.
Torque Rating: 36 lb-in
Operating Temperature: 130°C
Agency Information: UL File E62622

**Dimensions - mm (in)**

Part Number	"A" Dimension $\pm 0.4 (\pm 0.02)$	"B" Dimension
C7024-01	21.6(0.85)	-
C7024-02	40.6(1.60)	19.05 ± 0.08 (0.750 ± 0.003)
C7024-03	59.7(2.35)	38.10(1.500)
C7024-04	78.7(3.10)	57.15 ± 0.26 (2.250 ± 0.010)
C7024-05	97.8(3.85)	76.2(3.00)
C7024-06	116.8(4.60)	95.25 ± 0.26 (3.750 ± 0.010)
C7024-07	135.9(5.35)	114.30 ± 0.38 (5.250 ± 0.015)
C7024-08	154.9(6.10)	133.35 ± 0.38 (5.25 ± 0.015)
C7024-09	174.0(6.85)	152.40 ± 0.38 (6.00 ± 0.015)
C7024-10	193.0(7.60)	171.45 ± 0.38 (6.750 ± 0.015)
C7024-11	212.1(8.35)	190.50 ± 0.38 (7.500 ± 0.015)
C7024-12	231.1(9.10)	209.55 ± 0.38 (8.250 ± 0.015)

Part Numbering System

Series

C7024

Poles

— □ □

01 - 12

Inches (Millimeters)

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

Series 15133

Depluggable PCB Mount
Terminal Blocks

SPECIFICATIONS

Rating: 20A, 300V

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #12-22 AWG

Number of Poles: 7- to 10-poles

PC Board: For soldering to PCB (.00015" tin over copper flash)

Material: Black, UL Rated 94V0 Thermoplastic

Screws: #6-32 zinc-plated steel SEMS

Torque Rating: 12 lb-in

Terminals: 15133-XX-10-X – Tin or gold plated brass
15133-XX-20-X – Nickel or gold-plated copper alloy plug terminal, tin or gold-plated female terminal

Operating Temperature: 221°F (105°C)

Agency Information: UL File E62622

APPLICATIONS

The 15133 is a series of input/output circuit board connectors. Available in a 1-piece or 2-piece design, they stack side-by-side with self-aligning housings to prevent incorrect mating. Both designs feature an integral, living hinge cover that saves the labor of attaching a separate cover. The cover provides a dead front for prevention of electrical contact, yet it also has test probe holes for easy circuit testing.

The 1-piece design is for applications not requiring unplugging the connector. It solders to the printed circuit board. Molded stand-offs ensure good solderability.

The 2-piece design enables quick connect and disconnect of several circuits at once. It allows fast board changing in the field without shutting down the entire system. The bottom section of the connector solders to the board. Male contacts are shrouded while the female has stand-offs; both are molded into the block. The top section of the connector plugs into the bottom section.



15133-06-20-T

Dimensions - in (mm)

15133-XX-10-X



15133-XX-20-X



Part Numbering System

Inches (Millimeters)

Series

15133

Poles

02 to 10

Style

1 - One piece
2 - Two piece

Mounting

0 - No mtg. holes

Terminal Plating

T - Tin
G - Gold*

* Consult Factory

Series 1384X

Edge Connectors –
1 Sided Boards/Vertical Mount

SPECIFICATIONS

Rating: 10A, 250V

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #14-22 AWG CU; entry to PC board at 90° angle.

Number of Poles: 4- to 16-poles

PC Board: Edge contact accepts standard 1/16" (0.0625) PCB.

Contacts: Cantilever design 0.02" thick phosphorus bronze with mating surface tin-plated (0.0002) over copper (0.00005).

Terminals: Pressure plate terminals.

Material: Black, UL Rated 94V0 Thermoplastic (125°C)

Operating Temperature: -55°C to 105°C (212°F)

Agency Information: CSA File 47235

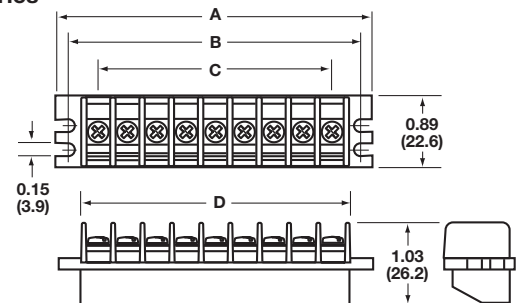
13848-08G02B



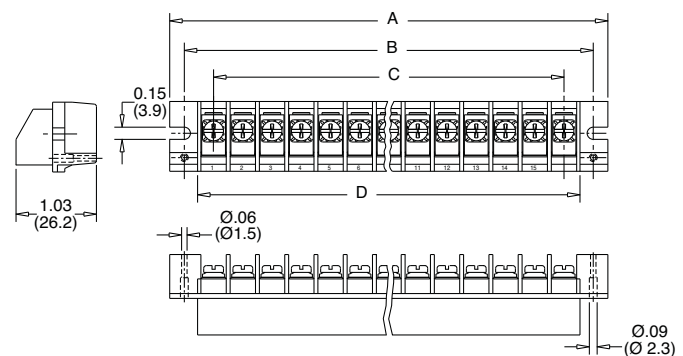
13847-08T02B

Dimensions - in (mm)

13847 Series



13848 Series



* Dimensions in inches. To convert to millimeters, multiply by 25.4.
Optional polarizing key (Part No. C5971) consult with factory.

Part Numbering System

Inches (Millimeters)

Series	Block Style	Poles	Terminal Plating	Screw Style	Block Color	Special Options
1384	 	 	 			
	7 - Flat mtg. ears w/ 2 slots 8 - Mtg. ears w/2 standoffs with hole for mounting strip	04 to 16	T - Tin over copper G - Gold*	02 - #6-32 pan head w/ SEMS wire clamp	B - Black	M - Marking strip

* Consult Factory

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

Power Distribution
Blocks

Wire Management
Products

Edge Connectors,
One-Sided Boards

Compliance
References

Series 15104

Edge Connectors – 1 Sided Boards / Right Angle Mount

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #12-22 AWG CU

Number of Poles: 6- to 28-poles

Screw Size: #6-32

Torque Rating: 12 lb-in

Terminals: Pressure plate terminals with screws set at 45° or 90° angle

PC Board: Edge contact accepts standard 1/16" (0.0625) PCB

Contacts: Tuning fork design of 0.021" thick phosphorus bronze with 0.0001" bright tin-plating

Material: Black, UL Rated 94V0 Thermoplastic

Operating Temperature: 95°C max.

Agency Information: UL File E62622, CSA File 47235



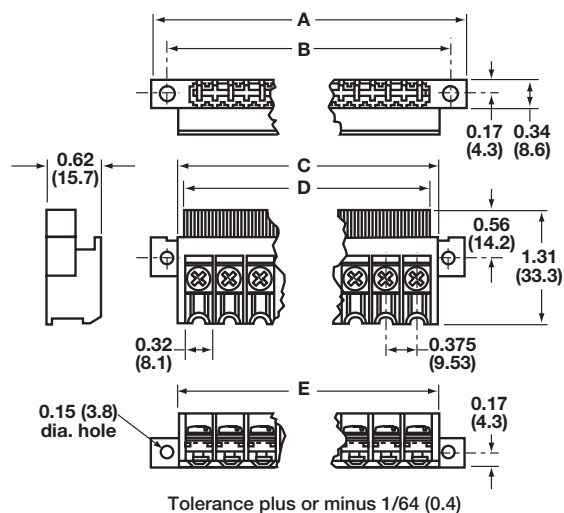
15104-061T1

Poles	A	B	C	D	E	Board Width
06	3.00	2.62	2.00	2.16	2.36	1.99
08	3.75	3.37	2.75	2.91	3.11	2.74
10	4.50	4.12	3.50	3.66	3.86	3.49
12	5.25	4.87	4.25	4.41	4.61	4.24
14	6.00	5.62	5.00	5.16	5.36	4.99
16	6.75	6.37	5.75	5.91	6.11	5.74
18	7.50	7.12	6.50	6.66	6.86	6.49
20	8.25	7.87	7.25	7.41	7.61	7.23
22	9.00	8.62	8.00	8.16	8.36	7.98
24	9.75	9.37	8.75	8.91	9.11	8.73
26	10.50	10.12	9.50	9.66	9.86	9.48
28	11.25	10.87	10.25	10.41	10.61	10.23

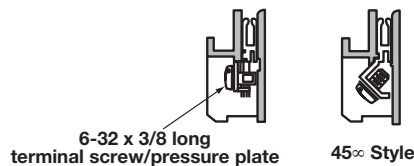
* Dimensions in inches. To convert to millimeters, multiply by 25.4.
Integral standoffs for mounting marker strips - consult factory.

Dimensions - in (mm)

15104 Series



Tolerance plus or minus 1/64 (0.4)



6-32 x 3/8 long
terminal screw/pressure plate

45° Style

Part Numbering System

Series

15104

Poles

06 to 28 (Increments of 2)

Terminal

1 - 90° angle
2 - 45° angle

Plating

T - Tin
G - Gold*

Screw

1 - #6-32 pan head. w/wire clamp

* Consult Factory

Cooper Bussmann Compliance References

UL1059 & CSA 22.2 No. 158 Voltage Rating

Voltage ratings of terminal blocks are based on the minimum spacing between electrically conductive parts and a minimum withstand voltage. The spacings are measured under two conditions: 1) through air, defined as the shortest distance an arc must travel through an air path from one electrically conductive part to another at opposite polarity or from an electrically conductive part to a grounded surface; and 2) over surface, defined as the shortest distance an arc must travel as it tracks along the surface of an insulating material from one electrically conductive part to another at opposite polarity or from an electrically conductive part to a grounded surface. The withstand voltage, termed dielectric withstand, is dependent on the voltage rating. The value is 1000V plus twice the rated voltage for one minute. This is tested under both conditions listed above. The following chart shows the UL 1059 and CSA 22.2 No. 158 spacing requirements, in inches.

IEC Compliance

Some Magnum Terminal Blocks comply with the requirements in IEC Publication 60947-7-1 Terminal Blocks for Copper Conductors. These blocks are concurrently recognized and certified under the UL Classification Program. Ratings, except where indicated, are concurrent with UL 1059.

CE

In 1998, Cooper Bussmann received CE certification on all Magnum products. For terminal blocks, CE is a self-certification mark applied to products that have met safety and performance requirements set forth by the European Union (EU). This mark is required for free movement of product in the European market.

Application	Voltage Rating	Spacing Through Air	Spacing Over Surface
CLASS A Service equipment, including dead-front switchboards, panelboards, service entrance devices, etc.	51 - 150 151 - 300 301 - 600	0.50 0.75 1.00	0.75 1.25 2.00
CLASS B Commercial appliances, including business equipment, electronic data processing equipment, etc.	51 - 150 151 - 300 301 - 600	0.06 0.09 0.38	0.06 0.09 0.50
CLASS C General industrial, including machine tool controls, which can further be defined as equipment governed by UL508.	51 - 150 151 - 300 301 - 600	0.13 0.25 0.38	0.25 0.38 0.50
CLASS D Industrial devices having limited ratings.	51 - 300 301 - 600	0.06 0.19	0.13 0.38

Magnum Series	51-150 Volts	CLASS A 151-300 Volts	301-600 Volts	51-150 Volts	CLASS B 151-300 Volts	301-600 Volts	51-150 Volts	CLASS C 151-300 Volts	301-600 Volts	51-300 Volts	301-600 Volts
A/CB1000					X		X			X	
A/CB2000					X			X			
LP2000					X		X				
A/CB3000						X			X		
LP3000					X		X				
A/B4000	X					X			X		
A/CB5000					X		X			X	
7000				X			X				
TB100					X		X			X	
TB200					X			X			X
TB200HB						X			X		X
TB300						X			X		X
TB400						X			X		

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail MountPower Distribution
BlocksWire Management
ProductsEdge Connectors,
One-Sided BoardsCompliance
References

Customer Satisfaction Team

Available to answer questions regarding Magnum products Monday-Friday, 8:00 a.m. – 6:00 p.m. Central Time for all US time zones. Contact:

- Phone: 636-527-3877
- Toll-free fax: 800-544-2570
- E-mail: busscustsat@cooperindustries.com

C³ – the Enhanced, Online Cooper Customer Center

Provides real time product availability, net pricing, order status & shipment tracking across six Cooper divisions: B-line, Bussmann, Crouse-hinds, Lighting, Power Systems & Wiring Devices. Call 877-995-5955 for log-in assistance. Available at:

- www.cooperpc3.com

Application Engineering

Technical assistance is available to all customers. Staffed by degreed electrical engineers, this application support is available Monday-Friday, 8:00 a.m. – 5:00 p.m. Central Time. Contact:

- Phone: 636-527-1270
- Fax: 636-527-1607
- E-mail: fusetech@cooperindustries.com
- Live Chat: www.cooperbussmann.com

Online Resources

Visit www.cooperbussmann.com for the following resources:

- Product search & cross-reference
- Product & technical materials
- Solutions centers for information on topical issues including arc-flash, selective coordination & short-circuit current rating
- Technical tools, like our arc-flash calculator

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[CB3-03-00](#) [CB3-06](#) [CB3-05](#) [CB35720307LT2](#) [CB3-02](#)