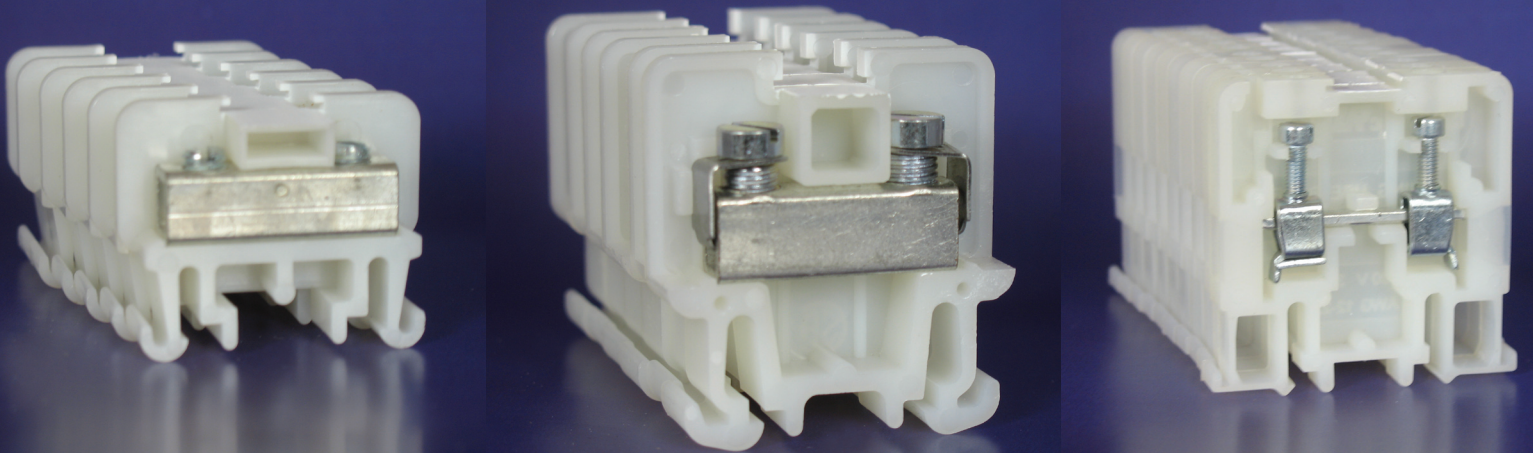
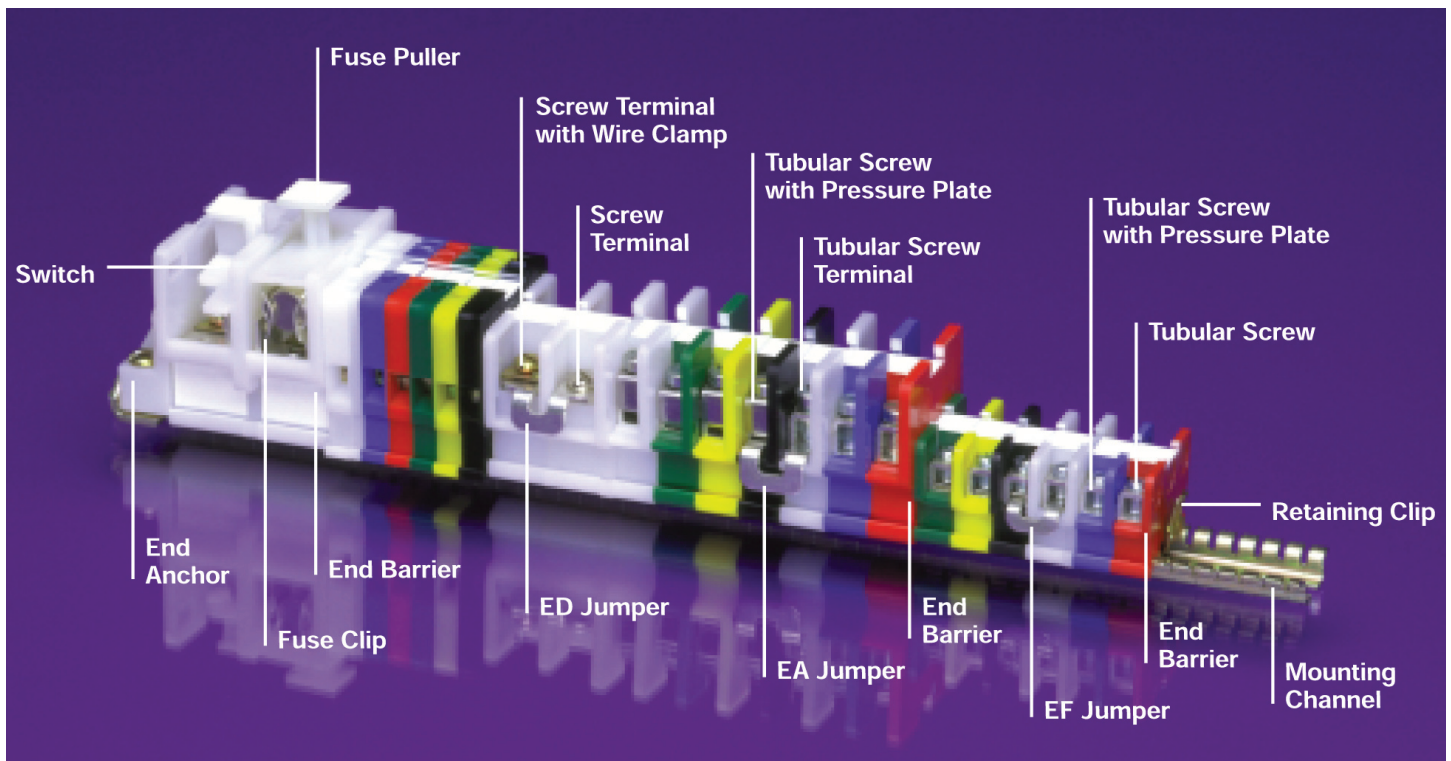


Channel Mounted Terminal Blocks

World-Class Terminal Block Solutions



300, 600 Volt & High Density Type



EMM Channel mounting type terminal blocks by Electro-Matic Products, Inc., are available in eight different styles—six styles in the 600 volt series and two in the 300 volt series.

All EMM blocks can be mounted in any combination on the same mounting channel. This allows the user to mix styles as required, thereby reducing valuable panel space requirements. Any individual block can be easily attached or removed without disturbing adjacent blocks.

Current ratings specified on data sheet are based on heat rise tests conducted at 25°C ambient using the maximum rated wire size.

Circuit identification is easy because all EMM blocks have a painted top surface. Pen, pencil, or ink stamp may be employed; no special ink is required.

All EMM terminal block assemblies require an end barrier to close off the last terminal. If an assembly is made up of 600 volt and 300 volt blocks, an end barrier is required at each juncture of the two styles. Each assembly requires two retaining clips or end anchors (See accessories section).

All terminal blocks and hardware are packaged in convenient standard quantities. Blocks may also be purchased in time-saving three foot or six foot assemblies. The number of terminals on each assembly varies with the type of EMM block ordered.

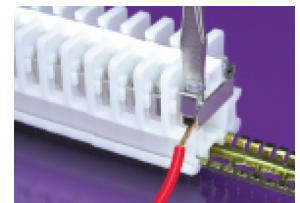
Easy to Mount

Simply snap one leg of the EMM block over one edge of the mounting channel and snap the other leg in place—no tools necessary.



Easy to Wire

All EMM terminal blocks use large precision screws. EA1 600-volt tubular-screw-type terminal blocks use large $\frac{9}{32}$ " diameter head screws which may be easily and firmly tightened with a standard screwdriver.



Easy to Remove

Only a screwdriver is required. Insert screwdriver in one leg and the EMM terminal block is removed without disturbing adjacent terminals, simplifying engineering changes.



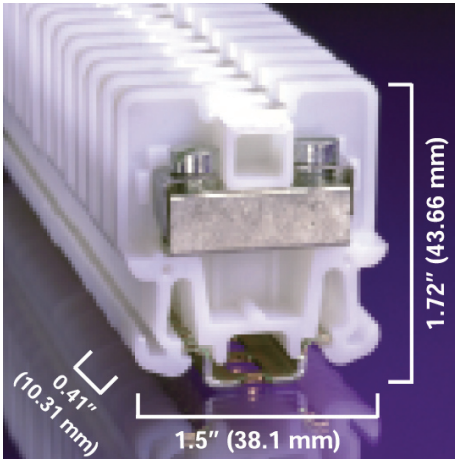
Place an Order

All EMM terminal blocks listed in this catalog are available for order. To order, contact your local distributor or call us at 248-478-1182. You can also visit EMM online at www.emm-online.com.

Local Distributor



EA1 - Tubular Screw Type with Pressure Plate



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	55 A
Wire Range:	#22-#8 0.33-8.36 mm ²
Recommended Screw	
Tightening Torque:	22 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EA1	50
Red	EA1RE	50
Blue	EA1B	50
Black	EA1BL	50
Green	EA1G	50
Yellow	EA1Y	50

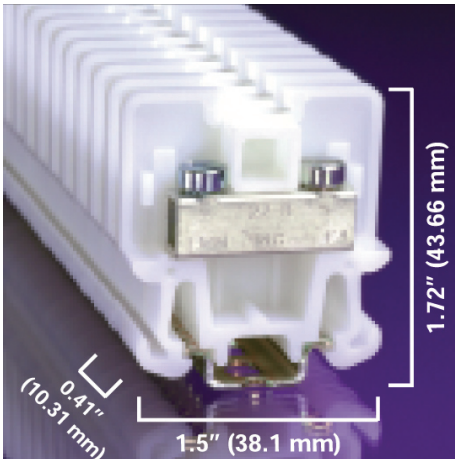
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EA188	1
6' Assembled Strip	EA1176	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ1	50
50 Pole Jumpers	EJA50	1
End Barriers	EB1	50
Vinyl Marking Strip	EM1	24 ft

EA2 - Tubular Screw Type without Pressure Plate



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	55 A
Wire Range:	#18-#8 0.82-8.36 mm ²
Recommended Screw	
Tightening Torque:	22 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EA2	50
Red	EA2RE	50
Blue	EA2B	50
Black	EA2BL	50
Green	EA2G	50
Yellow	EA2Y	50

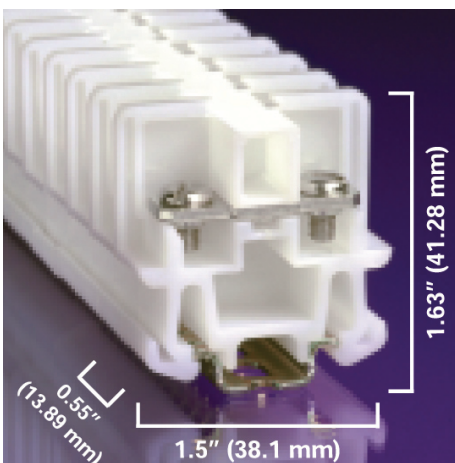
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EA288	1
6' Assembled Strip	EA2176	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ1	50
50 Pole Jumpers	EJA50	1
End Barriers	EB1	50
Vinyl Marking Strip	EM1	24 ft

ED3 - Screw Terminal with #8 Screw



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	35 A
Wire Range:	#22-#10 0.33-5.26 mm ²
Recommended Screw	
Tightening Torque:	12 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	ED3	50
Not Available in Colors		

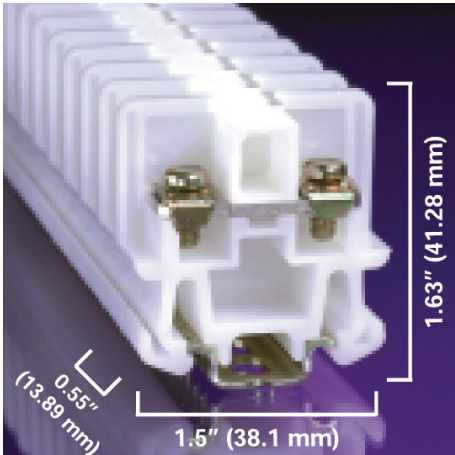
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	ED365	1
6' Assembled Strip	ED3130	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ3	50
50 Pole Jumpers	N/A	N/A
End Barriers	EB1	50
Vinyl Marking Strip	EM1	24 ft

ED8 - Screw Terminal with Wire Clamp



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	35 A
Wire Range:	#22-#10 0.33-5.26 mm ²
Recommended Screw	
Tightening Torque:	12 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	ED8	50

Not Available in Colors

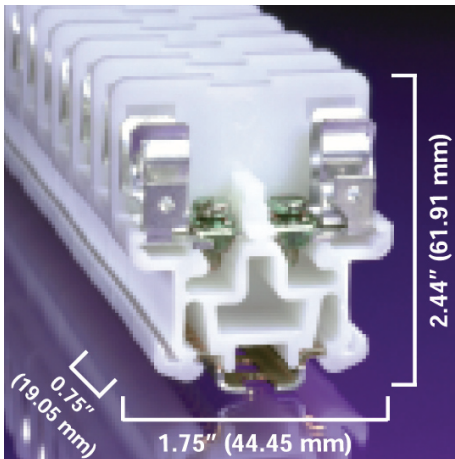
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	ED865	1
6' Assembled Strip	ED8130	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ3	50
50 Pole Jumpers	N/A	N/A
End Barriers	EB1	50
Vinyl Marking Strip	EM1	24 ft

EE6 - Fuse Clip Screw Terminal with Wire Clamp



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	10 A
Wire Range:	#22-#10 0.33-5.26 mm ²
Recommended Screw	
Tightening Torque:	25 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C
Fuses:	Accepts "Midget Style" 1 ³ / ₃₂ " x 1 ¹ / ₂ "

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EE6	10

Not Available in Colors

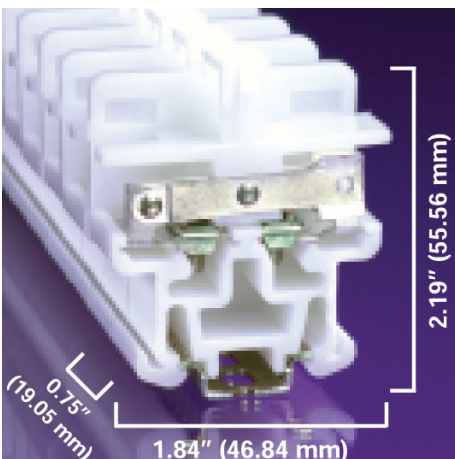
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EE648	1
6' Assembled Strip	EE696	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	N/A	N/A
End Barriers	EB1	50
Vinyl Marking Strip	N/A	N/A
Fuse Puller	EP1	50

EE9 - Switch - Isolating Terminal with Screw Terminal and Wire Clamp



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	600 V
Maximum Current:	10 A
Wire Range:	#22-#10 0.33-5.26 mm ²
Recommended Screw	
Tightening Torque:	25 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EE9	50

Not Available in Colors

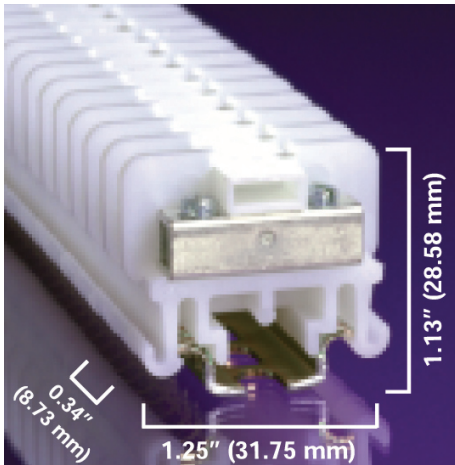
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EE948	1
6' Assembled Strip	EE996	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	N/A	N/A
50 Pole Jumpers	N/A	N/A
End Barriers	EB3	50
Vinyl Marking Strip	N/A	N/A

EF1 - Tubular Screw Type with Pressure Plate



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	300 V
Maximum Current:	25 A
Wire Range:	#22-#14 0.33-2.08 mm2
Recommended Screw	
Tightening Torque:	14 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EF1	50
Red	EF1RE	50
Blue	EF1B	50
Black	EF1BL	50
Green	EF1G	50
Yellow	EF1Y	50

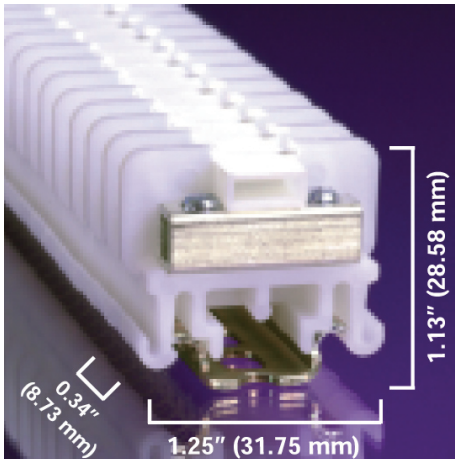
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EF1105	1
6' Assembled Strip	EF1210	1

Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ2	50
50 Pole Jumpers	EJF50	1
End Barriers	EB2	50
Vinyl Marking Strip	EM1	24 ft

EF2 - Tubular Screw Type without Pressure Plate



Specifications

Approvals:	UL File#: E78345 CSA File#: LR58149
Voltage Rating:	300 V
Maximum Current:	25 A
Wire Range:	#22-#14 0.33-2.08 mm2
Recommended Screw	
Tightening Torque:	14 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EF2	50
Red	EF2RE	50
Blue	EF2B	50
Black	EF2BL	50
Green	EF2G	50
Yellow	EF2Y	50

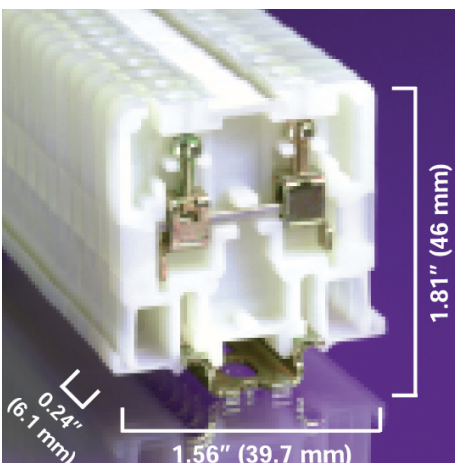
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EF2105	1
6' Assembled Strip	EF2210	1


Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers	EJ2	50
50 Pole Jumpers	EJF50	1
End Barriers	EB2	50
Vinyl Marking Strip	EM1	24 ft

EH1 - Finger Safe Terminal, Single Circuit, Screw with Pressure Plate



Specifications

Approvals:	 File#: E79345SP
Voltage Rating:	600 V
Maximum Current:	30 A
Wire Range:	#22-#12 0.33-3.31 mm2
Recommended Screw	
Tightening Torque:	7 Inch. Lb.
Insulation Temperature Range:	-40°C - +75°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
White	EH1	80
Red	EH1RE	80
Blue	EH1B	80
Black	EH1BL	80
Green	EH1G	80
Yellow	EH1Y	80

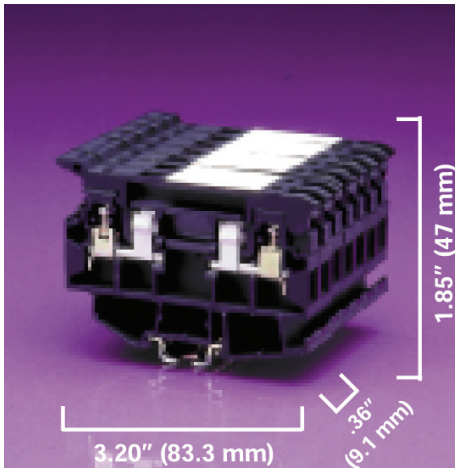
Assembled Terminal Strips

	EMM No.	Pieces/Pkg.
3' Assembled Strip	EH1148	1
6' Assembled Strip	EH1296	1


Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
2 Pole Jumpers (Insulated)	EJ4	50
2 Pole Jumpers	EJ5	50
50 Pole Jumpers	EJH50	1
End Barriers	EB4	50
Vinyl Marking Strip	EM1	24 ft

EH4 - Fusible Terminal Block with Neon Blown Fuse Indicator, Finger-Safe



Specifications

Approvals:	 File#: E78345SP
Voltage Rating:	100 - 300 V AC/DC
Maximum Current:	12 A
Wire Range:	#30-#12 0.05-3-3.31 mm2
Wire Strip Length:	0.38"
Recommended Tightening Torque:	3-7 Inch. Lb.
Fuse Size (Not Supplied):	1/4" x 1 1/4" Fuse
Leakage Current (Indicator Circuit):	2mA @ 300V
Insulation Temperature Range:	-40°C - +105°C

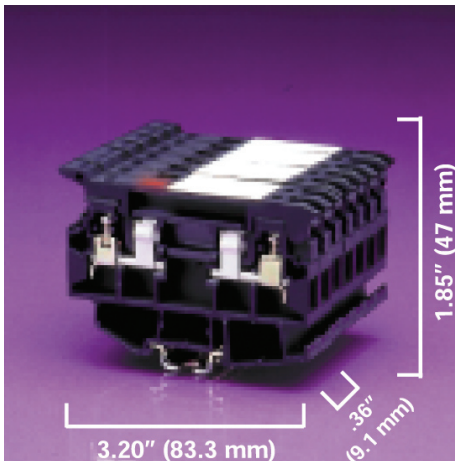
Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
Black	EH4	25


Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
10 Pole Jumpers	EJH10	1
End Barriers	EB5	50

EH5 - Fusible Terminal Block with LED Blown Fuse Indicator, Finger-Safe



Specifications

Approvals:	 File#: E78345SP
Voltage Rating:	10 - 57 V AC/DC
Maximum Current:	12 A
Wire Range:	#30-#12 0.05-3-3.31 mm2
Wire Strip Length:	0.38"
Recommended Tightening Torque:	3-7 Inch. Lb.
Fuse Size (Not Supplied):	1/4" x 1 1/4" Fuse
Leakage Current (Indicator Circuit):	2mA @ 24V
Insulation Temperature Range:	-40°C - +105°C

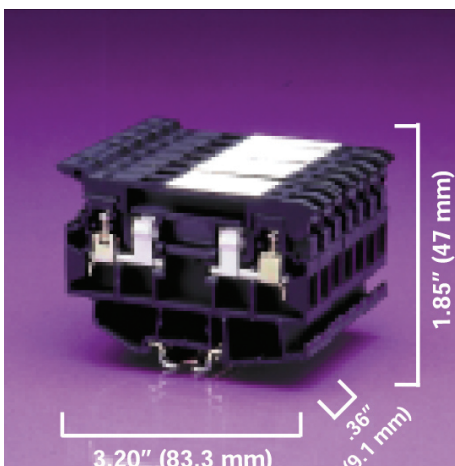
Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
Black	EH5	25


Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
10 Pole Jumpers	EJH10	1
End Barriers	EB5	50

EH6 - Fusible Terminal Block without a Blown Fuse Indicator, Finger-Safe



Specifications

Approvals:	 File#: E78345SP
Voltage Rating:	300 V AC/DC
Maximum Current:	12 A
Wire Range:	#30-#12 0.05-3-3.31 mm2
Wire Strip Length:	0.38"
Recommended Tightening Torque:	3-7 Inch. Lb.
Fuse Size (Not Supplied):	1/4" x 1 1/4" Fuse
Leakage Current (Indicator Circuit):	N/A
Insulation Temperature Range:	-40°C - +105°C

Terminal Blocks – Colors

	EMM No.	Pieces/Pkg.
Black	EH6	25








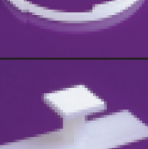
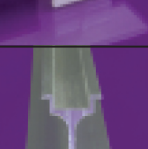
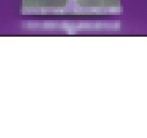
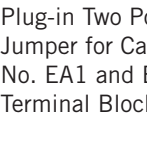
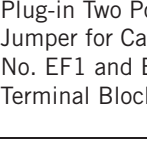
Accessories

	EMM No.	Pieces/Pkg.
3' Mounting Channel	ET1	1
3' Hi-Rise Mounting Channel	ET3R	1
6' Hi-Rise Mounting Channel	ET6R	1
3' Mounting Channel Standoff	ER1	1
Retaining Clips	EC1	50
End Anchors	EC2	10
10 Pole Jumpers	EJH10	1
End Barriers	EB5	50

Accessories - Order Information

A variety of accessories are available for 300, 600 Volt & High Density Type terminals. Please review the individual charts on pages 3-6 to see which accessories are compatible with each of the individual terminals. You can also find this information online at www.emm-online.com.

	Description	Catalog No.	Std. Pkg.
	End Barriers for Style EA & ED Blocks 600 Volts	EB1	50
	End Barrier for Style EF Blocks 300 Volt	EB2	50
	End Barrier for Style EE Blocks 600 Volt	EB3	50
	End Barrier for Catalog No. EH1	EB4	50
	End Barrier for Catalog No. EH4, EH5 and EH6	EB5	50
	End Anchor for 300 & 600 V Blocks Clamps to channel by tightening two screws.	EC2	10
	Retaining Clips The plated steel clips used to keep blocks from sliding sideways on channel. Each assembly of blocks needs two clips.	EC1	50
	Mounting Channel Plated steel channel scored every 13/64 inches, so you can easily break it off at desired length.	ET1 3 foot	1
	Mounting Channel Standoff White painted steel standoff supports a terminal block channel about 2-inches off the panel surface at a 45° angle. Available in 3 ft. lengths.	ER1	1

	Description	Catalog No.	Std. Pkg.
	Plug-in Two Pole Jumper for Catalog No. EA1 and EA2 Terminal Blocks	EJ1	50
	Plug-in Two Pole Jumper for Catalog No. EF1 and EF2 Terminal Blocks	EJ2	50
	Plug-in Two Pole Jumper for Catalog No. ED3 and ED8 Terminal Blocks	EJ3	50
	Plug-in Two Pole Jumper for Catalog No. EH1 (Insulated)	EJ4	50
	Plug-in Two Pole Jumper for Catalog No. EH	EJ5	50
	10 Pole Jumper for Catalog No. EH4, EH5 and EH6	EJH10	1
	50 Terminal Jumper for Catalog No. EA1 and EA2	EJA50	1
	50 Terminal Jumper for Catalog No. EF1 and EF2	EJF50	1
	50 Terminal Jumper for Catalog No. EH1	EJH50	1
	Vinyl Marking Strip 24 foot roll of white vinyl marking strips suitable for marking with either pencil or ink.	EM1	1
	Fuse Puller (for use with Cat. No. EE-6 Blocks)	EP1	50
	Hi-Rise Mounting Channel Extruded aluminum channel 1 3/4" high available in either 3-foot or 6-foot. Provides easier accessibility in deep enclosures.	ET3R 3 foot ET6R 6 foot	1 1



Electro-Matic Products, Inc. • 23409 Industrial Park Ct. • Farmington Hills, MI 48335
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www.emm-online.com