

DIN Rail Terminal Blocks

General Information:

Marathon DIN Rail Terminal Blocks are ideal for various applications such as machine tool controls, distribution and instrumentation installations, switchgear, elevator and panelboard construction.

Insulating Materials:

The moldings are made of Nylon 6/6, Gray. This material has high creepage resistance and high impact strength. It also has a UL 94V-2 flammability rating and is resistant to gasoline, oil, alcohol and many other chemicals.

Temperature Rating: 100°C / 212°F Continuous
170°C / 338°F Intermittent & Short Exposure

Connector System:

The connectors are made of copper alloy and are nickel-plated for corrosion resistance. The screws are rolled steel, zinc plated. The total connector system provides the following benefits:

1. The system ensures that no matter how small the cross section of the wire it can only be inserted into the connection hole.
2. A serrated pressure plate eliminates any wire damage from the torquing of the screw.
3. The upward pressure on the screw from the pressure plate reduces the risk of a screw loosening due to vibration.
4. The pressure plate also compensates for some reduction in contact pressure caused by cold flow in the wire.
5. The design of the pressure plate and its heavy construction eliminates tilting, even with solid wires.
6. The use of rolled rather than turned screw threads provide for the application of higher torque without thread damage.

Reference Chart:

Catalog Number	Page	Amps	Volts	Wire Range	Thickness	Terminals per Foot	Wire Termination Torque
MIK3	123	20	600	#12-#22 AWG	5 mm	60	5
MIK5	124	30	600	#10-#22 AWG	6 mm	50	13.3
MIK10	125	50	600	#8-#22 AWG	8 mm	38	13.3
MIK16	126	65	600	#6-#22 AWG	10 mm	30	18
MIK25	127	85	600	#4-#8 AWG	12 mm	25	53
MIKTS4	128	20	300	#12-#22 AWG	6 mm	-	-
MIKSI5	129	10	300	#10-#20 AWG	8 mm	-	-
MIKE4	129	-	-	#10-#22 AWG	7 mm	-	8.0
MIKE10	129	-	-	#8 AWG	8 mm	-	13.3
MIKE16	129	-	-	#6 AWG	10 mm	-	18

See Page 130 for Identification Labels

MSK35 - End Bracket Securing Torque 7-9 lb-in (.8-1 N-m)