

MATE-N-LOK CONNECTOR DESIGN NAVIGATOR

The MATE-N-LOK connector series is the industry standard for power in appliances, machinery, and equipment. Known for their design versatility, these connectors come in flanged, bulkhead, sealed, and twist-and-lock options for wire-to-wire, wire-to-board, and panel mount applications. They feature polarization, positive locking, and rear cavity identification for error-resistant assembly and can interchangeably accommodate both pin and socket contacts.

APPLICATIONS



Appliances



Washer and Dryer



HVAC Equipment



Lighting



Industrial Machinery



Small Home Appliances



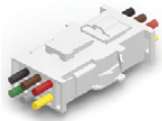
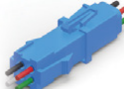
Refrigerator



Dishwasher



SCAN TO KNOW MORE

POWER INTERCONNECT PRODUCTS								
	Universal MATE-N-LOK	Universal MATE-N-LOK II	Micro MATE-N-LOK	Mini Universal MATE-N-LOK	Mini Universal MATE-N-LOK II	Commercial MATE-N-LOK	.140 MATE-N-LOK	.156 MATE-N-LOK
								
No. of Positions	1-15	2-15	2-24	1-24	2-24	1-16	2-9	3-4
Centerline (in) mm	(.250) 6.35	(.250) 6.35	(.118) 3.00	(.163) 4.14	(.163) 4.14	(.200) 5.08	(.240) 6.10	(.390) 9.91
Wire Size (AWG)	30-10	30-10	30-20	30-16	30-16	30-14	20-10	20-10
Wire insulation dia Max. (in) mm	(.200) 5.08	(.200) 5.08	(.060) 1.52	(.126) 3.20	(.126) 3.20	(.130) 3.30	(.180) 4.57	(.185) 4.70
Current Rating Max (A)*	19	19	5	9.5	10.5	19	28	32.5
Voltage Rating Max.	600 VAC or VDC	600 VAC or VDC	250 VAC	600 VAC or VDC	600 VAC or VDC	250 VAC	600 VAC or VDC	600 VAC
Operating Temp. Range °C	-55° to +105°C**	-55° to +105°C	-40° to +105°C	-55°C to +105°C	-55°C to +105°C	-55° to +105°C	-55° to +105°C	-55° to +105°C
UL94 Flammability Rating	V-0 & V-2	V-0	V-0	V-0 & V-2	V-0 & V-2	V-2	V-2	V-2
Sealed Version Available	Yes	No	No	Yes	No	No	No	No
Approvals	UL, CSA; designed and tested to meet VDE 380 V requirements, except 6 Position Circular	UL, CSA, VDE	UL, CSA, VDE	UL, CSA, VDE (250 V Max.)	UL, CSA, VDE	UL, CSA	UL, CSA	UL

*Current Rating is application dependent
 ** 125°C Available

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