

DOT-Lok MPE

APPLICATIONS

- *Forklifts*
- *Ground Support Equipment*

ELECTRICAL

For 12 V Automotive Systems with Negative Ground

Nominal Input Voltage	12 VDC
Input Voltage Range	8 - 20 VDC
FNR Output Drive (Sinking)	3 A
Ok to Shift Light	3 A
Output Voltage	Same as Input Voltage
Current Draw (Nominal)	17.0 mA
Off key Draw (Powered from IGN)	0 mA
Reliability	489,000 MTBF (mil 217)

ENVIRONMENTAL

Operating Temperature	-40 °C to +85 °C
	-40 °F to +185 °F
Storage Temperature	-40 °C to +85°C
	-40 °F to +185 °F
Relative Humidity	0 - 100%
Mechanical Shock	20 G's

MECHANICAL

Weight	6.5 oz
Dimensions	5.36" x 2.625" x 1.25"
Connections	3, 4, 6-Way AMP/Molex Soft Shell Connectors
Enclosure	ABS Plastic (Black) UL94V0 Rating
Insulation	Epoxy (Black) UL94V0 Rating
PCB	Fiber Glass Laminate - FR4, UL94V0 Rating

SAFETY

The Econ Interlock MP is built to relevant UL and SAE Standards.
Designed and built to meet GM and Ford specifications (GM's SVMQP Electrical Guidelines, MIL-85B, MS-8900, etc.)