

Solenoids [ML-Solenoids](#)

ML Solenoid - 24V DC 500A

7703

MSRP: \$234.99

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500 Amp magnetic latching (bi-stable) solenoid provides switching under load where manual control is not required

- Includes ML-Series Remote Control Contura Switch 2145
- 500 Ampere continuous rating for engine, inverter, house loads, and emergency battery combine
- Magnetic latching draws no current in "ON" or "OFF" state, only draws current when changing state of switch
- Silver alloy contacts provides high reliability for switching live loads
- 3/8" -16 tin-plated copper studs for maximum conductivity and corrosion resistance
- 7/8" (22mm) stud length accepts multiple cable terminals
- Label recesses for circuit identification

Support

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Installation

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Articles

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[ML-Series Remote Battery Switches](#)

Product Certificates

[CE Certificate for ML-Series](#)

[Declaration of Conformity for ML-Series](#)

Other ML-Solenoids

7701	Tinned Wire
7701100	Deutsch DTM
7703	Tinned Wire
7703100	Deutsch DTM
7718	Tinned Wire
7718100	Deutsch DTM
7719	Tinned Wire
7719100	Deutsch DTM

Specifications

Control Circuit Connection	Tinned Wire
Nominal Voltage	24V DC
Manual Control	No
Coil Function	Bi-Stable
Mounting	#10
Amperage Operating Current continuous	0A
Terminal Stud Torque	140 in-lb (15.82 Nm)
Continuous Rating	500A
Intermittent Rating	700A (5 min)
Cranking Rating 30 sec	1450A DC
Minimum Operating Temperature	-10° C
Maximum Operating Temperature	60° C
Cable Size to Meet Ratings	2x (4/0)
Stud Material	Tinned Copper
Switching Cycles	100000
Terminal Ring Diameter Clearance	1.18in (29.97 mm)
Terminal Stud Length	0.875in (22.23 mm)
Terminal Stud Size	3/8" - 16 (M10)
Weight	2.07lb (0.94 kg)

Included

Qty	PN	Product
1	2145	SPDT Remote Control Contura Switch - (ON)-OFF-(ON)

Optional Accessories

	1147	Remote Control Panel
	1148	Remote Control Panel
	9160	ML Series Link Bus

Meets the following Regulatory Specifications

