VIDEO

ML-Series Solenoid Switches

500A magnetic latching solenoid provides switching under load where manual control is not required



Remote Control Contura Switch included in retail package

Duetch DTM Cable End now offered for both retail and bulk units. Other connector plugs are available for high volume OEM applications.

- Silver alloy contacts provide high reliability for switching live loads
- · LED output to remotely indicate switch state - requires optional LED (p. 155) or Remote Control Contura Switch with integrated LED (included in retail package)
- 3/8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance
- · One-piece stainless flange nuts for safe and secure connections
- · Label recesses for circuit identification
- Retail package includes Remote Control Contura Switch (p. 95)

Regulatory

CE marked, meets ISO 8846 and SAE J1171 external ignition protection requirements IP66 - protected against powerful water jets (see inside back cover)



Control Contact Part # **Control Signal Cable End** Voltage Voltage 7701 0-64V 9-16V 12V Momentary Stripped Wire 7701100 0-64V 9-16V Deutsch DTM 12V Momentary 7703 0-64V 18-32V 24V Momentary Stripped Wire 0-64V 7703100 18-32V 24V Momentary Deutsch DTM 9-16V 9-16V 12V Continuous 7718 Stripped Wire NEW 7718100 9-16V 9-16V 12V Continuous Deutsch DTM Stripped Wire 7719 NEW 18-32V 18-32V 24V Continuous 7719100 NFW 18-32V 18-32V 24V Continuous Deutsch DTM

Wire Size and Current Ratings

Wire Size	Cranking 30 sec.	Intermittent 5 min.	Continuous (UL 1107)
2/0 AWG (70 mm ²)	1,000A	400A	225A
4/0 AWG (120 mm ²)	1,100A	400A	300A
2× 4/0 AWG (2x 120 mm²)	1,450A	700A	500A

For the full list of specifications see page 54 For the dimensioned drawing see page 45

Related Products







M-LVD Low Voltage Disconnect

Senses low battery voltage and disconnects non-critical loads, saving power to start engine



EXPANDED

OFFERING

7701 12V

CE

BLUE SEA

ENGINI

7701



Remote Control Contura Switch included in retail package

- Status light provides warning of low voltage state prior to disconnect
- · Alarm output for audible warning of low voltage state prior to disconnect (optional alarm required)
- One-piece stainless flange nuts for safe and secure connections
- · Remote Control Switch functions:
- Adjusts disconnect voltage
- Temporarily delays circuit disconnect for 10 minutes
- Temporarily disconnects circuits until voltage rises
- Silences alarm (optional alarm required)
- · Retail package includes Remote Control Contura Switch 7928 (p. 95)

Intermittent Rating: 5 min.	115A	
Continuous Rating	65A	
Nominal Voltage	12V DC	
Cable Size (to meet current ratings)	6 AWG (16mm²)	
Terminal Stud Size	1/4"-20 (M6)	
Disconnect Voltage	11.3V–12.1V Adjustable	
Reconnect Voltage	13V DC	
Regulatory		

Meets ISO 8846 and SAE J1171 external ignition protection requirements

GNITIO PROTECTED

Part #	Description
7635	m-LVD Low Voltage Disconnect

For the full list of specifications see page 55

System Diagram



Related Products







Low Voltage Disconnect Switch page 94

Floyd Bell Turbo Séries Alarm page 154

LEDs page 155

Paralleling Link Bus page 45 (see table)

Remote Control Contura Switches page 95

Stud Mount Insulators page 110 LEDS page 155