08010100 SERIES
24V 300A SPST WATERPROOF MANUAL BATTERY DISCONNECT SWITCH WITH FIXED T-HANDLE

08010100

Description

Featuring a rugged metal body and unique 360° operation, the 08010100 Series 24V 300A SPST Waterproof Manual Battery Disconnect Switch with Fixed T-Handle is designed for heavy-duty applications, such as mining, material handling, construction, and agriculture.

The bright red, fixed T-handle can be rotated left or right to switch the circuit status, making it ideal for use as an emergency battery cutoff switch. The switch is ON when the handle is aligned with the terminals and OFF when it's perpendicular to the terminals.

This single-pole, single-throw (SPST) disconnect switch also features a V-shape terminal design that reduces the risk of electrical arcing. In addition, the waterproof battery disconnect is rated to IP65 standards, safeguarding it against dust and debris as well as water jets.

Web Resources

Download 2D print, installation guide and technical resources at: **littelfuse.com/08010100**

Specifications

Max Continuous Voltage:	24V
Current Rating Continuous:	300A
Circuitry:	SPST
Operating Temp Range:	-40°C / +85°C
Mounting Hole Dimensions:	2 * Ø8.5mm + 1 * Ø23mm
Mounting Stem:	Ø22,15mm
Housing:	Metal
Ingress Protection:	IP65
Current Rating Inrush:	1000A

Applications

- Mining & Material Handling
- Construction & Agricultural
- Off-Road & Heavy Trucks
- Emergency Vehicles
- Marine

Features and Benefits

- 300A continuous current rating and 1000A at 10 seconds inrush current rating
- Rugged metal body is designed for heavy-duty applications
- Dust-tight, waterproof battery disconnect switch is protected to IP65 standards
- Fixed, bright red T-handle is highly visible
- Handle and contacts are designed with 360° operation, which allows the handle to be rotated either left or right to switch the circuit status
- Switch is ON when the handle is aligned with the terminals and OFF when perpendicular to the terminals
- V-shape terminal position reduces the risk of arcing and allows easy cable connection

Ordering Information

PART NUMBER	DESCRIPTION	INRUSH AMPS	OUTPUT TERMINAL	MOUNTING METHOD	NORMAL POSITION
08010100	24V 300A SPST Waterproof Manual Battery Disconnect Switch with Fixed T-Handle	10 sec	2xM10	Pass-Through	OFF
08010100-BX	24V 300A SPST Waterproof Manual Battery Disconnect Switch with Fixed T-Handle - Boxed	10 sec	2xM10	Pass-Through	OFF

© 2022 Littelfuse, Inc.