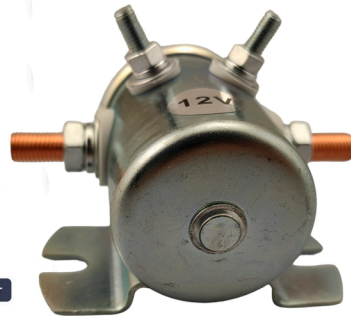


# THE METAL-BODY CONTINUOUS-DUTY SPST SERIES

## 12-48 V 100-225 A Solenoid Relays



AS 007 DC12V F-Style



AS 008 DC12V F-Style

AS 009 DC12V L-Style

Our **Metal-Body Continuous-Duty SPST Series Solenoid Relays** are available for a wide range of applications, including starting small engines in lawn tractors, golf carts, sweepers, and more and for use in heavy-duty vehicles, hydraulic systems, and machinery.

Commonly referred to as remote-acting switches, the solenoid switch models available in this **starter relay** solenoid series feature single-pole, single-throw (SPST) circuitry with normally open contacts and a glass-reinforced-nylon body that is lightweight, durable, and resistant to corrosion.

The available 100 A continuous-duty starter solenoid models feature silver contact surfaces and can be found in configurations with stud coil terminals or blade coil terminals with insulated 12 V coils or 24 V coils. They come with either an L-style or F-style metal bracket.

The heavy-duty, continuous-duty solenoid relays with a 225 A make/break current rating come with either copper or silver contacts and are available with 12 V, 24 V, or 48 V insulated coils with stud contacts. All available heavy-duty solenoid relay models feature an L-style metal bracket.

### Specifications

<b>Max Voltage Rating:</b>	12, 24, 36, 48 VDC
<b>Current Rating Continuous:</b>	100A, 225A
<b>Coil Voltage:</b>	12, 24, 36, 48 VDC
<b>Coil Type:</b>	Insulated
<b>Connector:</b>	0.25in (6.35mm) Blade Terminals for Coil
<b>Circuitry:</b>	SPST
<b>Housing:</b>	Glass Reinforced Nylon, Black
<b>Normal Position:</b>	Open
<b>Dielectric Withstand Voltage:</b>	600V
<b>Insulation Resistance:</b>	>100M $\Omega$

### Applications

- Small Engines
- Heavy-Duty Equipment & Machinery

### Features and Benefits

- Available in a wide variety of configurations with options for copper or silver contacts, 12 V, 24 V, or 48 V coils, and blade or stud coil terminals
- SPST circuitry with normally open contacts
- Lightweight, glass-reinforced-nylon body is durable and resists corrosion
- 5/16"-24 main contact studs with hex nuts and lock washers included

### What Does a Starter Solenoid Do?

Starter solenoids are vital components for automobiles. In short, starter solenoids are electromagnets that actuate or engage the starter motor for your vehicle's internal combustion engine. Starter solenoids are attached directly to starter motors, and they control starter motors throughout vehicle operations.

Modern vehicles of all makes and models use starter solenoids to move the first or starter pinions so they properly engage with engine ring gears. Without a starter solenoid, your vehicle would not start up properly when you turned the key in your ignition.