



DC Field Loss Relay

### Product Description

This family of motor field control relays consists of a relay with 1NO pole (#901) and a relay with 1NC pole (#902).

These relays are used on a large number of applications requiring either an NO or NC control contact. The opening and closing of the contact is responsive to changes in current through the coil. The relays are equipped with one or two coils, depending on the application. When the relays leave the factory, they are adjusted for average load conditions.

This adjustment is made up of two parts:

1. The adjustment of the differential, which is the difference between the opening and closing setting, and
2. The adjustment of the range or operating values.

### Standards and Certifications

- NEMA Standard 5-24-1960.
- NEMA Standard 5-29-1960.
- NEMA Standard 1-5-1977.

### Technical Data and Specifications

- Current Range: 5.6 – 1350 amperes.
- Voltage: Maximum 600 Vdc.
- Operation: Magnetic.
- Mounting:
  - Steel panel or insulated panel
- Contact Ratings:
  - 5 amperes at 240 V
  - 10 amperes at 120 V
- Duty: Continuous.
- Panel Space Required — without Studs for Coils:
  - Approximately 2.75 x 7.44" (69.9 x 189.0 mm)
- Approximate Weight:
  - Relay with one coil — 5 lb. (2.3 kg)
  - Relay with two coils, with B.O. — 6.5 lb. (3.0 kg)

### Product Selection

#### When Ordering Specify

#### Field Loss Relays

- Maximum and minimum field amperes.
- Field ohms.

#### Accelerating and Decelerating Relays

- Motor horsepower.
- Motor full load amperes.
- Voltage.
- Maximum field current.
- Field accelerating or field decelerating relay.

#### Voltage Relays

- Desired pick-up voltage.
- Desired drop-out voltage.
- Maximum voltage seen by device.

#### OR

Supply complete Serial Number of controller where relay is used, plus diagram designation of relay required. Relays must be supplied with coils.

Table 126. Pricing

Relay Type	*
Single Coil	
Double Coil	
With Blowout Coil	

Discount Symbol ..... 18CD-4

\* Consult Sales Office for Pricing