396-02-7915 Keyswitch Relay for RFX

564-07-900100 (12ft) / 564-07-900200 (24ft)

About

The SurePoint Keyswitch Relay for RFX provides key-switched power for your RFX system. Use this product for RFX systems that have more than 16 rows and that do not provide key-switched power to the implement.

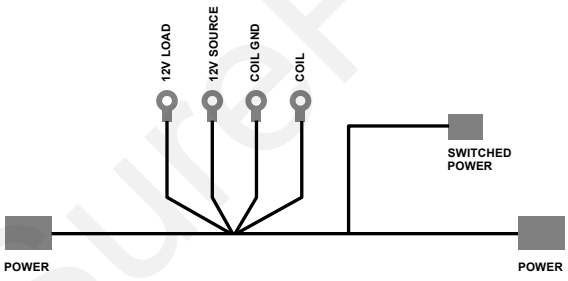
Parts List

Number	Part No.	Description	Quantity
1	201-6936Y1	Anderson with Keyswitch Relay	1
2	378-7707Y1	Keyswitch Relay RE 344068	1
3A	201-7754Y1	12ft Convenience Plug Harness	1
3B	201-7755Y1	24ft Convenience Plug Harness	1
4	416-7205Y1	Nut, Flanged M5, G10, 14M7375	2
5	416-6957Y1	Nut, Flanged M8, G10, 14M7298	2
6	416-6953Y1	Flange Head Bolt, M6 x 16mm, G10, 9M7775	2
7	416-6954Y1	Nut, Flanged, M6, G10, 14M7303	2

NOTE
Item 3 will be either 3A or 3B depending on configuration.

Installation

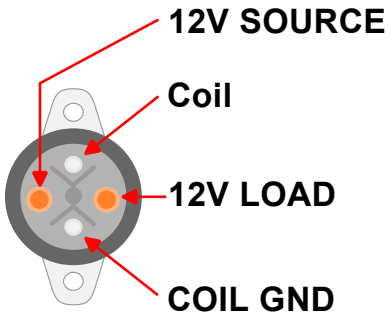
The harness connects power from an Anderson connector to the relay and then to RFX, providing a source of power that is only on when the tractor key is on.



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To install the relay:

1. Connect the Anderson harness connector labeled **POWER** to a power source.
2. Locate the relay (378-7707Y1) and connect the harness ring terminals to the appropriate lug.



   Use the M6 bolt (416-6953Y1) and nut (416-6954Y1) to mount the relay in a secure location where terminators will not contact metal and create a short circuit.
3. Torque the nuts:
   a. 13mm 6.6 ft-lbs
   b. 8mm 1.5 ft-lbs
4. If installing inline with existing Anderson power, connect the other Anderson connector.
5. Connect the **SWITCHED POWER** connector to the convenience plug harness (201-7754Y1 or 201-7755Y1).
6. Connect other end of the convenience plug harness to convenience plug outlet in the tractor cab.

Functional Verification

To test that the relay is installed and working correctly, with the tractor key in the ON position:

1. Verify that there is power at the COIL terminal on the relay.
2. Verify that there is power to the 12V LOAD terminal on the relay.
3. Turn the tractor key to the OFF position.
4. Verify that there is no power at the COIL terminal on the relay.
5. Verify that there is no power at the 12v LOAD terminal on the relay.

Troubleshooting

If the relay is not working correctly, verify:

- Tractor key is in the ON position.
- Terminals are attached to the correct relay lugs.
- Power is available at the Anderson connector.

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