



TAGGING RELAYS / SERIAL TAGGING RELAYS

Personnel Protection Through SCADA Control of NESC "Tag-Out" Function



Features

- Available in Two or Three Position Versions
- Remote or Manual Operation
- Bidirectional Operation
- 60mSec Maximum Response Time
- Orange "Warning" Hot Line Tag
- No. of Decks
 - Series 31 Two Position — Up to 8
 - Three Position — Up to 2
 - Series 24 — Up to 10
- Contacts: 2 N/O, 2 N/C per Deck

Applications

- For Distribution Automation and Safety Tagging
- Expand SCADA Beyond Sub-Stations to Distribution Feeders
- Automate Power Distribution
- Remote Reclosure Cut-Off
- Enhance Breaker Control Schemes
- Improve Service Reliability

Electroswitch Tagging Relays allow remote or manual circuit breaker operation for automated power distribution. They feature an eye-catching orange "Warning" hot line tag ensuring personnel safety in compliance with utility requirements.

Designed with multiple contacts housed in a compact unit, they provide an ideal solution to tagging requirements in both new and existing systems. The three position version may be operated to "Closed", "Open" or "Tagged" position manually, electrically or remotely from SCADA. The two position relay offers the same operations with "Normal" and "Tagged" positions. For custom tags and engraving, contact the factory.

Major applications include expanded SCADA systems beyond substations to distribution feeders; automated reclosure cut-off; and optimal breaker control schemes with improved service reliability.

The design and quality construction of these relays are based on an Electroswitch track record spanning five decades of supplying reliable switches, relays and related control devices to the utility industry.

Note: The Series 24 and 31 two position Tagging Relay utility products comply with the following Standards: ANSI/IEEE C37.90 and ANSI/IEEE C37.90.01

Specifications

- Available for Both Low Level and Direct Control Applications
- Low Level Control Recommended for All Microprocessor Applications
- Contact Ratings: (Interrupt)
 - Series 31: 10A-120VAC, 1A-125VDC
 - Series 24: 20A-120VAC, 3A-125VDC
- Operating Voltages: 48VDC, 125VDC Standard, Others Available
- Response Time: 60mSec maximum
- Coil Burden:
 - Series 31 Two Position: 9.7A @ 48V; 4.1A @ 125V
 - Series 31 Three Position: 13.4A @ 48V; 5.3A @ 125V
 - Series 24 Two Position: 9.9A @ 48V; 6.6A @ 125V
- Decks: Two Position:
 - Up to eight (Series 31)
 - Up to 10 (Series 24)
- Three Position:
 - Up to six
- Serial Control Option available (Two Position only)

Ordering Information

