

EXP™ FIVE STATUS RELAY BOARDS

DESCRIPTION

The base EXP panel configuration provides five configurable (SPDT) safety relays on the Field Connection Board. The Five Status Relay Boards (P/N 10-3016 and 10-3017) are optional components that can be mounted to the Field Connection Board to add five additional relays, bringing the system total to 10. The relays can be used for system status indication, control of electrical loads, and general-purpose switching.

Each relay can be individually programmed to transfer upon any system event. Once transferred, the relay contacts will remain activated or deactivated until the EXP panel is reset or power is removed unless the relay is programmed for a non-latching event.

The Five Status Safety Relay Board (P/N 10-3017) provides force-guided relay contacts, which are mechanically linked to ensure that the normally closed and normally open contacts can never be closed simultaneously. This board is typically used when a safety integrity level (SIL) approval is required.



Five Status Relay Board

Approvals

- Factory Mutual (FM)
- Conformité Européenne (CE)
- Atmosphères Explosibles (ATEX)

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Contact style	Form C, SPDT
Contact type	P/N 10-3016 - General Purpose Contacts P/N 10-3017 - Force Guided Contacts
Supervision	P/N 10-3016 - Contacts Non-supervised P/N 10-3017 - Contacts Supervised
Contact rating	Rated 2A @ 30VDC / 0.5A @ 250VAC resistive only
Wire gauge	20 AWG min to 16 AWG max (0.50 mm ² min to 1.50 mm ² max)
Mounting	Mounts to the EXP Field Connection Board

ORDERING

The Five Status Relay Board is ordered separately to meet the project requirements.

PART NUMBER	DESCRIPTION
10-3016	Five Status Relay Board
10-3017	Five Status Relay Board, Force Guided Contacts

NOTE: Mounting hardware is included with each board.

P23368 Rev NC, 1/25

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