

PRODUCT PROFILE

BULLETIN 440J ENABLING SWITCH

Protect Your Personnel and Equipment While Maintaining Flexibility in Troubleshooting and Maintenance

Rockwell Automation offers you a broad selection of Allen-Bradley Guardmaster safety products, including a complete line of safety switches. From interlock switches, guard locking switches and non-contact switches to hinge switches and cable pull switches, Allen-Bradley Guardmaster safety products address your wide variety of machine-guarding needs. As part of its commitment to providing solutions focused on helping you protect your personnel and equipment, Rockwell Automation introduces the Bulletin 440J enabling switch.

In general, safety switches operate by interlocking the power source of the hazard, with the safety switch completely shutting down the machine. But what if you need to be inside a machine guard and have the machine running at slow speed while you work on it?

WORK SAFELY INSIDE THE MACHINE GUARDING

The 440J enabling switch is a flexible and effective solution for meeting the conditions required to allow safe working inside a machine guard, e.g. for machine set-up, maintenance or troubleshooting.

Each enabling switch has three positions or switch states:

- Position 1 – there is no pressure on the enabling switch handle. It is not possible to operate the machine.
- Position 2 – the enabling switch handle is squeezed to the middle position, and machine operation is possible.
- Position 3 – the handle is squeezed fully and it is not possible to operate the machine.

Put simply, the middle position of the switch (position 2) is the “enabled” position, allowing the machine to run. If the enabling switch handle is either fully squeezed or released, the machine is stopped. When the switch is released from the fully squeezed position (position 3) back to the static position (position 1), the machine remains off. The machine cannot be started as the enabling switch handle passes through position 2.



CE cULus TÜV

Lightweight and ergonomically designed for your comfort, the 440J is available in a variety of configurations and connection styles with optional jog or e-stop buttons. Use the jog button when small movements of the machine are required. The e-stop button provides another facility with which to stop the machine.

Features

- Three position enabling switch
- Lightweight and easy to use
- Optional jog and e-stop functions
- M20 conduit entry with factory fitted stress relief gland

Benefits

- An integral part of the conditions required to allow safe working inside a machine guard
- Can be used with a variety of Allen-Bradley Guardmaster safety interlock switches for optimal safety function and system flexibility
- Lightweight, ergonomic design for comfortable operation
- Silicone free

PRODUCT SELECTION

Allen-Bradley Guardmaster 440J Enabling Switches are available with an M20 conduit entry with a factory fitted stress relief gland. For additional application flexibility, a full complement of mounting brackets for the enabling switch, associated safety switches and actuators is available.



Catalog Number	Product Description
440J-N21TNP	3-Position Enabling Switch with 2 Safety Contacts, 1 Auxiliary Contact, M20 Conduit Entry
440J-N21TNP-NP	3-Position Enabling Switch with Jog Button, 2 Safety Contacts, 1 Auxiliary Contact, 1 NO Jog Button Contact, M20 Conduit Entry
440J-N2NTNP-NE	3-Position Enabling Switch with E-stop Button, 2 Safety Contacts, 2NC E-stop Button Contacts, M20 Conduit Entry
440J-A00N	Mounting Bracket
440J-A10N	Rubber Boot Kit
440J-A01N	Mounting Bracket for Single Actuator
440J-A02N	Mounting Bracket for Single Safety Switch and Enabling Switch
440J-A03N	Mounting Bracket for Two Actuators
440J-A04N	Mounting Bracket for Two Safety Switches and Enabling Switch

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