

Installation and Operating Instructions

Bulletin 440P DIN 50041 IEC/Safety Limit Switch

IMPORTANT: Installation of Allen-Bradley/Guardmaster products should be in accordance with local and/or national codes. Servicing energized industrial control equipment can be hazardous if not in accordance to recommended safety procedures.

Specifications

AC/DC Designation	A300/A600; Q300
AC/DC Utilization Category	AC 15; DC 13
Max. Fusing Rate	15A fast acting
Impulse Voltage (Uimp)	2500V
Enclosure Protection	IP66
Pollution Degree	3
Storage Temperature	80 °C (176 °F)/-25 °C (-13 °F)
Operating Temperature	80 °C (176 °F)/-25 °C (-13 °F)
Direct Opening Action	Normally closed only (safety circuit)
Conductor Sizes	Use copper conductors only
Stranded	0.75mm ² to 2.5mm ² (0.02in ² to 0.09in ²) (18-14AWG)
Solid	0.75mm ² to 2.5mm ² (0.02in ² to 0.09in ²) (18-16AWG)

See the *Sensors* catalog for additional information and product selection.

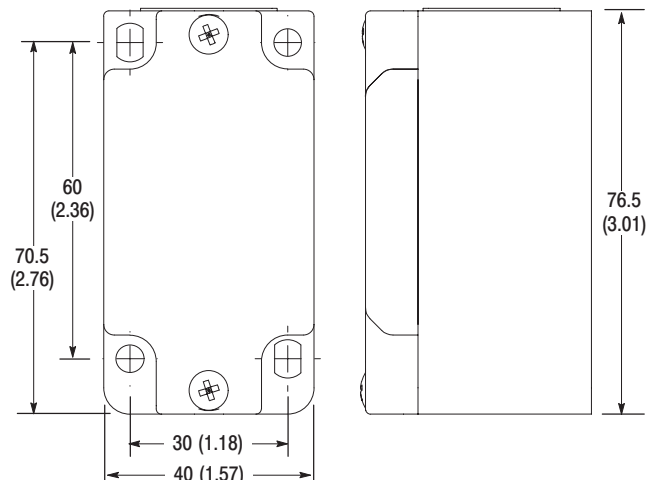


ATTENTION: Operator heads with adjustable actuators are NOT intended for safety applications.

Torque/Mounting

Location		Torque
Heads		1.2Nm (0.86lbf-ft)
Covers		1.6Nm (1.18lbf-ft)
M5 Mounting		2.5-3.0Nm (1.84-3.21lbf-ft)
Wire Clamp		0.9-1.0Nm (0.66-0.74lbf-ft)
Lever Clamp	M5 Hex Screw	1.8Nm (1.33lbf-ft)
	M3/M4 Hex Screw	1.5Nm (1.11lbf-ft)
	Adj. Lever Screw	1.0Nm (0.74lbf-ft)
Conduit		1.0Nm (0.74lbf-ft)

Dimensions—mm (inches)



Rotating Operator Heads

When rotating operator heads, follow these steps:

- Loosen the head mounting screws and remove the operating head from the switch enclosure.
- Orient the operator head in 1 of the 4 positions offered. Make sure the loose parts are positioned correctly before affixing the operator head to the switch enclosure.
- Tighten the 4 screws per the recommended torque specifications above.

IMPORTANT: Check for switch operation with a continuity indicator before placing product in service.