

440G-MT Guard Locking Interlock Switch



Locking mechanism withstands forces up to 1600N (360 lbs.)

Overview

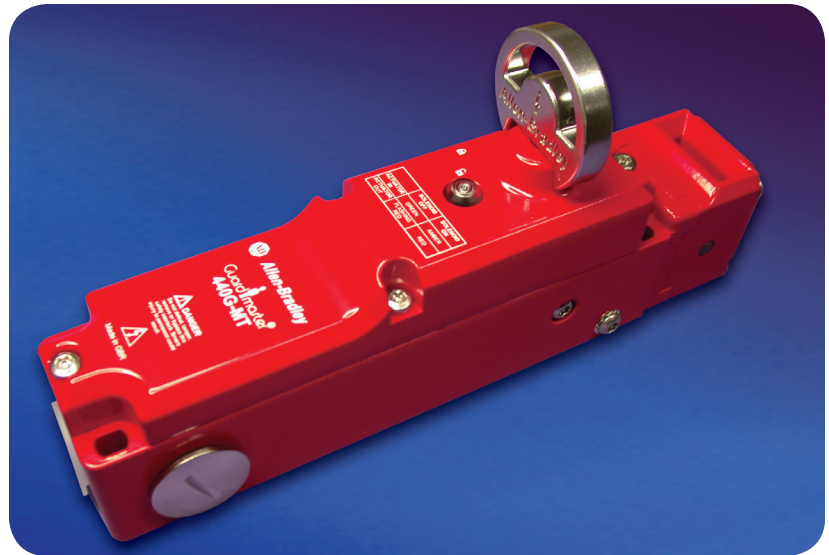
The Allen-Bradley® 440G-MT solenoid switch from Rockwell Automation® is a positive mode, tongue operated guard locking interlock switch that locks a machine guard closed until power is isolated and maintains the isolation while the guard is open. The guard may only open when a signal is applied to the internal solenoid which releases the lock mechanism.

Able to withstand up to 1600 N (360 lbs.), the 440G-MT switch is designed for machines that do not stop immediately or where premature interruption of the machine could cause damage to tooling and components or cause an additional hazard. With its slim, die-cast alloy housing, the 440G-MT mounts nicely in narrow areas and tolerates the harshest environments.

Built-in LED Indicates Switch Status

The 24 DC enhanced version is available with diagnostic output, which may be used by a control system to indicate whether a guard door is open or shut independently of the lock mechanism status. A built in LED further visually indicates the status of the switch as "door open," "door shut and unlocked," and "door shut and locked."

This enhanced version is supplied with a manual override key to more easily enable manual unlocking in conditions when power is not available to electrically unlock the switch.



Features

- Mechanical lock
- High Locking force – 1600 N (360 lbs.)
- Heavy-duty die-cast alloy housing, ideal for harsh environments
- Diagnostic version available

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Product Selection

Solenoid Voltage	Contact			Actuator Type	Catalog Number			
	Safety Auxiliary Action				M20 Conduit		Connector	
					M20	1/2 inch NPT	12-Pin M23	8-Pin Micro (M12)
24V AC/DC	3 N.C.	1 N.O.	BBM	GD2 standard	440G-MT47037	440G-MT47039	440G-MT47041	440G-M3NBGDH-AC
				Fully-flexible	440G-MT47038	440G-MT47040	440G-MT47042	440G-M3NBBDH-AC
				—	440G-MT47007	440G-MT47008	440G-MT47043	—
	2 N.C.	2 N.O.	BBM	GD2 standard	440G-MT47044	440G-MT47046	440G-MT47048	—
				Fully-flexible	440G-MT47045	440G-MT47047	440G-MT47049	—
				—	440G-MT47010	440G-MT47011	440G-MT47050	—
24V DC with diagnostic function and metal override key	3 N.C.	1 N.O.	BBM	GD2 standard	440G-MT47149	440G-MT47150	440G-MT47151	—
				Fully-flexible	440G-MT47152	440G-MT47153	440G-MT47154	—
				No actuator	440G-MT47155	440G-MT47156	440G-MT47157	—
	2 N.C.	2 N.O.	BBM	GD2 standard	440G-MT47158	440G-MT47159	440G-MT47160	—
				Fully-flexible	440G-MT47161	440G-MT47162	440G-MT47163	—
				No actuator	440G-MT47164	440G-MT47165	440G-MT47166	—
110V AC/DC	3 N.C.	1 N.O.	BBM	GD2 standard	440G-MT47070	440G-MT47073	—	—
				Fully-flexible	440G-MT47071	440G-MT47074	—	—
				—	440G-MT47013	440G-MT47009	—	—
	2 N.C.	2 N.O.	BBM	GD2 standard	440G-MT47077	440G-MT47079	—	—
				Fully-flexible	440G-MT47078	440G-MT47080	—	—
				—	440G-MT47012	440G-MT47014	—	—
230V AC/DC	3 N.C.	1 N.O.	BBM	—	440G-MT47016	440G-MT47017	—	—
	2 N.C.	2 N.O.		—	440G-MT47015	440G-MT47024	—	—

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