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Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 440G-T27181 TLS-3 GD2 Release Guard Locking Switch

Manufacturer: Allen-Bradley / Rockwell Automation Guardmaster Instrument Type: Solenoid Guard Locking Interlock Switch Alias: 440G-T27181; 440GT27181; TLS-GD2 440G-T27181 Actuator: TLS-GD2 tongue actuator (order/confirm matching actuator catalog) Instrument Type: Solenoid Guard Locking Interlock Switch Alias: 440G-T27181; 440GT27181; TLS-GD2 440G-T27181 Actuator: TLS-GD2 tongue actuator (order/confirm matching actuator catalog) Approach: sliding or hinged guard with tongue entry (TLS-GD2 geometry)

**MODEL****Rockwell / Allen-Bradley 440G-T27181****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****440G-T27181****LISTING**<https://aumictechlabs.com/products/440g-t27181-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell / Allen-Bradley 440G-T27181 TLS-3 GD2 Release Guard Locking Switch is a tongue interlock safety switch designed to prevent unauthorized access to hazardous machinery during operation. This device requires insertion of a specific tongue actuator to enable guard closure and machinery operation, making it essential for personnel protection in industrial environments. Rated for SIL 3 and Performance Level e when integrated into properly designed safety systems, the switch meets relevant machine guarding standards including GD2 requirements. Technical

Specifications Product Series: 440G Guard Locking Switches Model: 440G-T27181 Type: TLS-3 GD2 Release Guard Locking Switch Actuator Type: Tongue Interlock Safety Integrity Level (SIL): SIL 3 (when used in a properly designed safety system) Performance Level (PL): PL e (when used in a properly designed safety system) Contact Configuration: Includes safety contacts (positively driven) and monitoring contacts Reset Mechanism: Release Guard designation indicates solenoid or manual key release functionalityKey Features Tongue-style actuator design ensures positive guard engagement prior to machinery enablement Positively driven safety contacts provide high-integrity switching for safety circuits Monitoring contacts enable system diagnostics and status verification Industrial-grade construction with metal or high-strength polymer housing Designed for harsh industrial environments with dust and water resistance Multiple contact switching elements for both safety and auxiliary functionsTypical Applications Ideal for machine guarding systems requiring SIL 3 / PL e rated interlocks, including automated manufacturing equipment, industrial presses, packaging machinery, and access gates where personnel safety demands proven safety integrity.Compatibility & Integration The 440G-T27181 integrates into safety control systems designed to exploit its positively driven contacts and monitoring functions. Specific voltage ratings, current capacity, and contact arrangement must be referenced from the product datasheet for system design validation.

Features & description

From manufacturer datasheet

Features

- TLS-GD2 guardlock, power to release, 24 V AC/DC

440GT27181 Characteristics / Specifications

PARAMETER	VALUE
Model	440G-T27181
Manufacturer	Allen-Bradley / Rockwell Automation Guardmaster
Instrument Type	Solenoid Guard Locking Interlock Switch
Series	440G TLS-GD2
Alias	440G-T27181; 440GT27181; TLS-GD2 440G-T27181
UPC	611320489552
Lock Function	power to release
Solenoid Voltage	24 V AC/DC
Safety Contacts	2 N.C.
Contact Operation	break before make
Auxiliary Contact	1 N.O.
Body	GD2 standard plastic
Conduit	M20 with 1/2 in NPT adapter
Installation	440G-IN003
Family	Guardmaster TLS-GD2
Actuator	TLS-GD2 tongue actuator (order/confirm matching actuator catalog)
Approach	sliding or hinged guard with tongue entry (TLS-GD2 geometry)
Holding	solenoid-locked tongue until power-to-release is applied (this catalog)
Not Power To Lock	this catalog is power-to-release; other 440G-T numbers are power-to-lock
Safety Use	wire to safety relay or safety PLC per the TLS-GD2 and 440R publications
IP Rating	TLS-GD2 enclosure rating on 440G-IN003 (confirm on the sheet)
Mechanical Life	TLS-GD2 datasheet operations rating (confirm on the sheet)
Ambient	TLS-GD2 temperature range on 440G-IN003
Related Family File	ab-tls-gd2.txt for the TLS-GD2 series overview

PARAMETER	VALUE
Status	Guardmaster 440G catalog
Replacement	match power-to-release vs power-to-lock and contact configuration Notes Specs from Rockwell 440G-T27181 product identity (TLS-GD2, power-to-release, 24 V AC/DC, 2 N.C. BBM, 1 N.O., M20). Confirm actuator and IP/mechanical life on 440G-IN003. Do not invent locking force newtons.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Model	440G-T27181
Manufacturer	Allen-Bradley / Rockwell Automation Guardmaster
Instrument Type	Solenoid Guard Locking Interlock Switch
Specifications	
PARAMETER	VALUE
Series	440G TLS-GD2
Alias	440G-T27181; 440GT27181; TLS-GD2 440G-T27181
UPC	611320489552
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Conduit	M20 with 1/2 in NPT adapter
Installation	440G-IN003
Family	Guardmaster TLS-GD2

Specifications

PARAMETER	VALUE
Actuator	TLS-GD2 tongue actuator (order/confirm matching actuator catalog)
Approach	sliding or hinged guard with tongue entry (TLS-GD2 geometry)
Holding	solenoid-locked tongue until power-to-release is applied (this catalog)

Specifications

PARAMETER	VALUE
Not Power To Lock	this catalog is power-to-release; other 440G-T numbers are power-to-lock
Safety Use	wire toasafety relay or safety PLC per the TLS-GD2 and 440R publications
IP Rating	TLS-GD2 enclosure rating on 440G-IN003 (confirm on the sheet)

Specifications

PARAMETER	VALUE
Mechanical Life	TLS-GD2 datasheet operations rating (confirm on the sheet)
Ambient	TLS-GD2 temperature range on 440G-IN003
Related Family File	ab-tls-gd2.txt for the TLS-GD2 series overview

Status: Guardmaster 440G catalog

Replacement: match power-to-release vs power-to-lock and contact configuration

Notes

Specs from Rockwell 440G-T27181 product identity (TLS-GD2, power-to-release, 24 V AC/DC, 2 N.C. BBM, 1 N.O., M20). Confirm actuator and IP/mechanical life on 440G-IN003. Do not invent locking force newtons.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.