440RGL2S2T

AB 440R MSR GLT Safety Relay Guardlocking with Time Delay 24VC 1NC/2NC/OSSD 2-PNP S

SAFETY LOGIC



Component type	Device for monitoring of safety-related circuits
Range	GSR
Model	N/A
Product status	Existing

The Allen-Bradley Guardmaster single-function safety relays offer straightforward installation and system complexity while meeting functional safety standards. Designed to minimise downtime and increase efficiencies via diagnostics obtained over EtherNet/IP, further enabling the Connected Enterprise®.

ELECTRICAL

Suitable for monitoring of position switches	Yes
Suitable for monitoring of emergency-stop circuits	Yes
Suitable for monitoring of valves	Yes
Suitable for monitoring of optoelectronic protection equipment	Yes
Suitable for monitoring of tactile sensors	Yes
Suitable for monitoring of magnetic switches	Yes
Suitable for monitoring of proximity switches	Yes
Number of outputs, signalling function, undelayed, with contact	0
Number of outputs, safety related, delayed, with contact	0
Evaluation inputs	Other
Voltage type for actuating	DC
Control supply voltage Us at DC	24 V
Rated control supply voltage Us at AC 50HZ	0 V
Rated control supply voltage Us at AC 60HZ	0 V
Number of outputs, signalling function, undelayed, semiconductors	1
Number of outputs, safety related, undelayed, semiconductors	2
Number of outputs, safety related, delayed, semiconductors	2
Safety category according to EN ISO 13849-1	4
Stop category according to IEC 60204	0
Type of safety according to IEC 61496-1	4
Type of electric connection	Screw connection
With start input	No

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SAFETY LOGIC

ELECTRICAL	With muting function	No
	With feedback circuit	Yes
	Release-delay	0 s
	Rated control supply voltage Us at DC	24 V
	Number of outputs, safety related, undelayed, with contact	0
	Number of outputs, signalling function, delayed, with contact	0
	Number of outputs, signalling function, delayed, semiconductors	0
CONSTRUCTION	Model	Basic device
	Performance level according to EN ISO 13849-1	Level e
	Rail mounting possible	Yes
MECHANICAL	With detachable clamps	Yes
DIMENSIONS	Width	22.5 mm
	Height	119.14 mm
	Depth	113.6 mm
CERTIFICATES/APPROVALS	SIL according to IEC 61508	3
	With approval according to UL	Yes

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