

Sigma Series 615 Group II Limit Switches

Catalog Numbers 443S-S561500, 443S-S561508

IMPORTANT Save these instructions for future use.



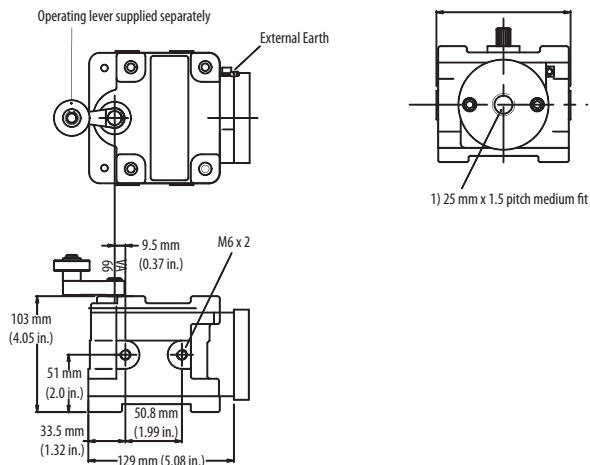
Summary of Changes

Updated certification specifications.

Certification

Ex db IIB T6 Gb Certificate number Baseefa 03ATEX0140X.
Conforms to standards EN60079-0:2013 & EN60079-1:2014

Must comply with the installation requirements as specified in EN 60079-14.



Technical Specifications

Electrical Ratings

Table 1: Types 'SL' & 'SLNP'

Current Ratings	Ampere Ratings AC Circuit						Ampere Ratings DC Circuit					
	240V		440V		550V		115V		330V		550V	
	*	**	*	**	*	**	*	**	*	**	*	**
Inrush	20	20	20	20	20	20	—	—	—	—	—	—
Continuous Capacity	10	10	10	10	10	10	10	10	10	10	10	10
Rupturing Cap. Non Inductive	10	10	7.5	7.5	5	5	5	5	2	1	0.5	0.25
Rupturing Cap. Inductive	10	10	7.5	7.5	5	5	5	1	1	0.5	0.25	0.13

* Single Circuit * Double Circuit

Table 2: Types 'SPS'

	Current Ratings	
	Volts	Amps
AC (RMS)	240	5 (Resist)
DC	Not recommended	

Table 3: Types 'SPCO'

Current Ratings	120V		240V		480V		VA	
	Make	Break	Make	Break	Make	Break	Make	Break
AC	60 A	6.0 A	30 A	3.0 A	15 A	1.5 A	7200	720
Continuous Carrying Current 10 A								
DC	Make or Break Ratings							
	125V		250V		480V		VA < 300V	
	0.55 A		0.27 A		0.10 A		69	
Continuous Carrying Current 2.5 A								

Installation

Must be used with suitable Baseefa certified cable entry devices, or with or without the interposition of a suitable Baseefa certified flameproof thread adapter.

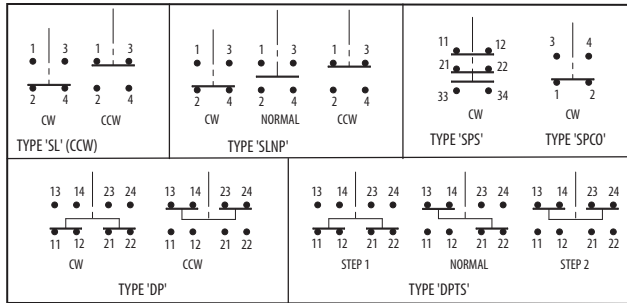
Suitable flameproof cable entry devices, thread adaptors, and stopping plugs certified as equipment (not a component) under an EC type examination certified to Directive 2014/34/EU may also be used in a manner specified above.

Must not be dismantled while energized or when an explosive gas is present.

Care must be taken not to damage the flamepaths during installation and maintenance.

Mechanical

Housing Material	Cast iron
Ingress Protection	IP65 (IP66 with Hylomar compound applied to mating faces)
Operating Temperature Range	-20...+40 °C (-4...+104 °F)
Mechanical Life	10 ⁶ typical
Electrical Life	Subject to switched load
Weight	6 kg (oz)



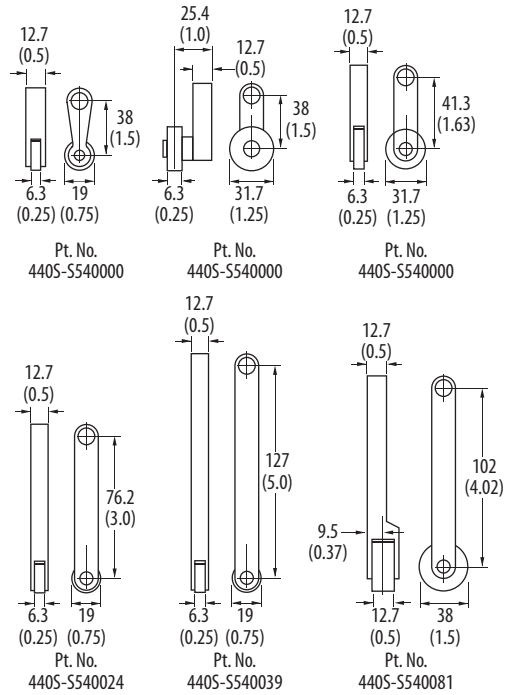
Rockwell Automation Support

For technical support, visit

<http://www.rockwellautomation.com/support/overview.page>

Levers

Switches and levers are supplied separately. A small selection of levers is shown here. Contact us for details of other types.



Waste Electrical and Electronic Equipment (WEEE)



At the end of life, this equipment can be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental information on its website at

<http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page>

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