



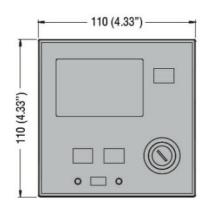
# STAND ALONE GEN-SET CONTROLLER, 12/24VDC, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, BUILT-IN 3 POSITION KEY SWITCH

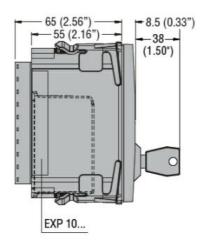


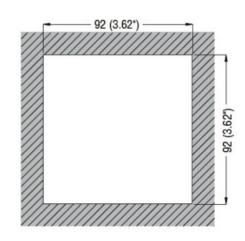
Product designation			Stand alone gen- set controllers
Product type designation			RGK420SA
Power supply			
Rated battery voltage		V	12/24VDC
Digital inputs			
Digital input type			5 neg.+ 1 pos.
High digital input signal		V	See eBOM
"W"/AC/PICK-UP speed inputs			
"W"/AC/PICK-UP speed input type			"W" or generator frequency or "Pick-up"
Voltage inputs			
Rated voltage (Ue)		VAC	100480
Measurement range		V	100 480VLL(3PH+N)
Frequency range		Hz	4565
Measurement method			TRMS
Current inputs			
Rated current (le)		Α	5A/1A
Measurement range			0.056A or 0.051.2A
Amperometric inputs type			1PH, /5A or /1A
Measurement method			TRMS
Static Outputs			
Static output type			5 (SSR)
Rating		Α	2
Protections			Protected
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-30
	max	°C	+60
Protection degree			IP40
Dimensions			



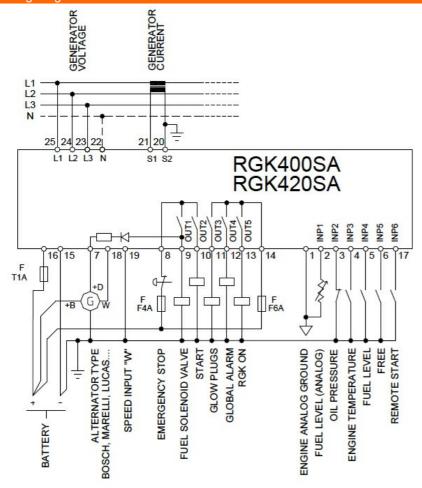
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#### Wiring diagrams



## Certifications and compliance

Compliance

CSA C22.2-N°14

IEC/EN 61010-1

IEC/EN 61010-2-030

IEC/EN 61326-1

**UL508** 

Certificates

EAC

UL Listed for USA and Canada (cULus-File E93601)

### ETIM classification



## RGK420SA

STAND ALONE GEN-SET CONTROLLER, 12/24VDC, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, BUILT-IN 3 POSITION KEY SWITCH

ETIM 8.0

EC002758 -Energy management controller