**ENERGY AND AUTOMATION** 

STAND ALONE GEN-SET CONTROLLER, 12/24VDC, RS485 SERIAL PORT AND USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, CANBUS PORT, IP65. EXPANDABLE WITH EXP... MODULES



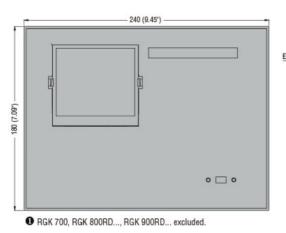
Product designation			Stand alone gen- set controllers
Product type designation			RGK800SA
Power supply			
Rated battery voltage		V	12/24VDC
Digital inputs			
Digital input type			8 neg.+ 1 pos.
"W"/AC/PICK-UP speed inputs			
"W"/AC/PICK-UP speed input type			"W" or generator frequency or "Pick-up"
Voltage inputs			
Rated voltage (Ue)		VAC	100600
Measurement range		V	30720
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			3PH, /5A or /1A
Measurement method			TRMS
Static Outputs			
Static output type			6 (SSR) + 1 (SO)
Relay outputs			
Type of output contact			3 (relay)
Interface			
CANbus			Yes
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-30
	max	°C	+70
Protection degree			IP65
Dimensions			

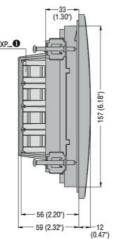
## RGK800SA

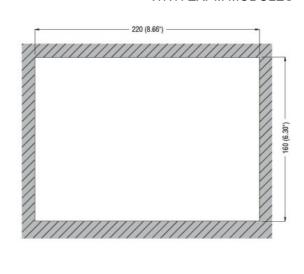


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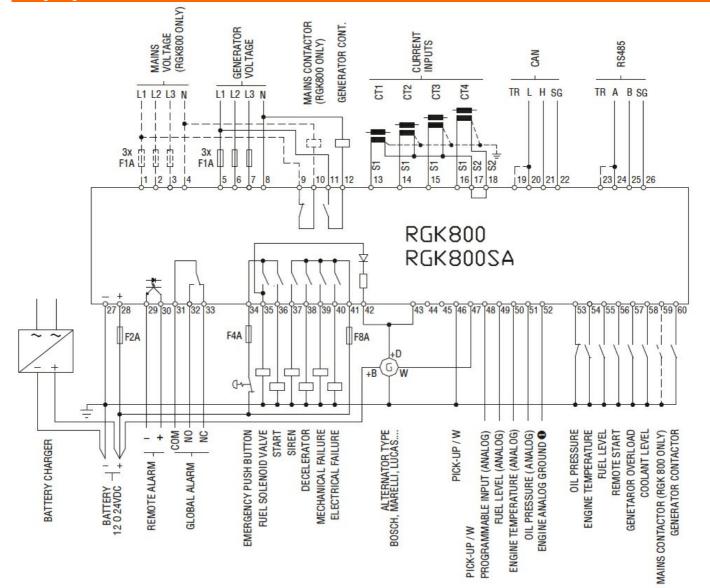
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## Wiring diagrams



## Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 61000-6-2

IEC/EN 61000-6-3





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IEC/EN 61010-1

UL 508

Certificates

EAC

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

ETIM classification

ETIM 8.0

EC002758 -Energy management controller