

RGK420SA STAND ALONE GEN-SET CONTROLLER, 12/24VDC, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, BUILT-IN 3 POSITION KEY SWITCH



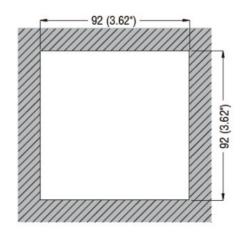
Product designation			Stand alone gen- set controllers
Product type designation			RGK420SA
Power supply			
Rated battery voltage		V	12/24VDC
Digital inputs			
Digital input type			5 neg.+ 1 pos.
High digital input signal		V	See eBOM
"W"/AC/PICK-UP speed inputs			
"W"/AC/PICK-UP speed input type			"W" 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)		А	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		А	2
Protections			Protected
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-30
	max	°C	+60
Protection degree			IP40

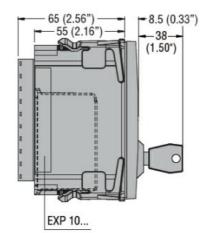
RGK420SA

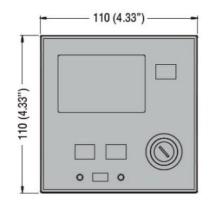


Wiring diagrams

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GENERATOR GENERATOR L1 L2 L3 N 21 20 25 24 23 22 L1 L2 L3 Ň S1 S2 RGK400SA RGK420SA OUT2 OUT3 OUT4 OUT5 OUT NP2 NP3 NP4 NP5 NP6 NP1 6 18 19 5 16 15 12 13 14 2 3 4 17 8 9 10 11 1 Ш T1A Ð ۰D F F4A F6A G Г ٦ +B GLOBAL ALARM RGK ON FREE ALTERNATOR TYPE FUEL SOLENOID VALVE START GLOW PLUGS ENGINE ANALOG GROUND ENGINE TEMPERATURE EMERGENCY STOP FUEL LEVEL (ANALOG) OIL PRESSURE FUEL LEVEL REMOTE START SPEED INPUT "W" MARELLI, LUCAS. Т BATTERY BOSCH.

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) TIM classification The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and RGK420SA 2/3 functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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ETIM 8.0

EC002758 -Energy management controller