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Lovato electric
ENERGY AND AUTOMATION

RGK420SA

Stand alone gen-set controller, 12/24VDC, USB/optical and Wi-Fi point programming port on front, built-in 3 position key switch



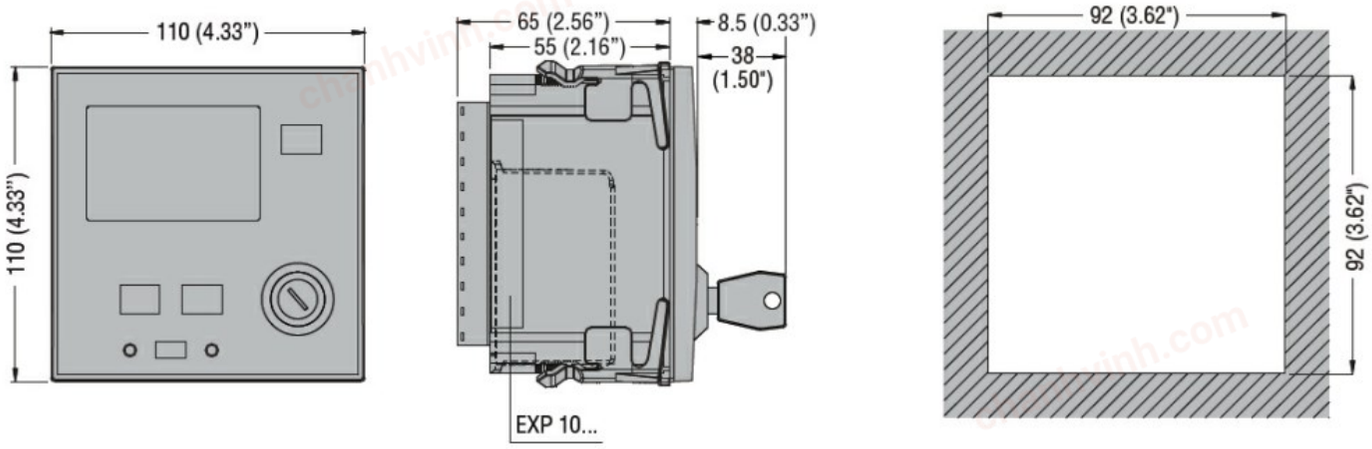
Product designation			Stand alone gen-set controllers
Product type designation			RGK420SA
Power supply			
Rated battery voltage		V	12/24VDC
Digital inputs			
Digital input type			5 neg.+ 1 pos.
High digital input signal		V	See eBOM
"W"/AC/PICK-UP speed inputs			
"W"/AC/PICK-UP speed input type			"W" or generator frequency or "Pick-up"
Voltage inputs			
Rated voltage (Ue)		VAC	100…480
Measurement range		V	100… 480VLL(3PH+N)
Frequency range		Hz	45…65
Measurement method			TRMS
Current inputs			
Rated current (Ie)		A	5A/1A
Measurement range			0.05…6A or 0.05…1.2A
Amperometric inputs type			1PH, /5A or /1A
Measurement method			TRMS
Static Outputs			
Static output type			5 (SSR)
Rating		A	2
Protections			Protected
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-30
	max	°C	+60
Protection degree			IP40
Dimensions			

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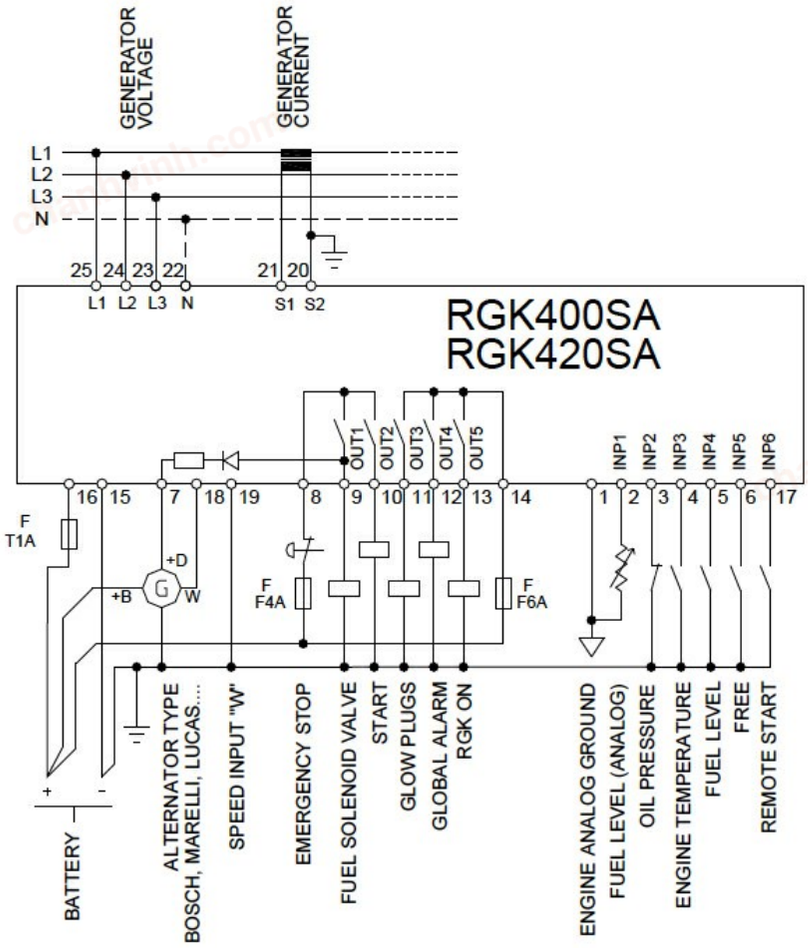
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Wiring diagrams



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

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ETIM 8.0

EC002758 - Energy management controller

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