Lovato electric
ENERGY AND AUTOMATION

STAND ALONE GEN-SET CONTROLLER, 12/24VDC, RS232 SERIAL PORT AND USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, CANBUS PORT, IP65

Product designation		Stand alone gen-set controllers
Product type designation		RGK700SA
Power supply		
Rated battery voltage	V	12/24VDC
Digital inputs		
Digital input type		6 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	100…600
Measurement range	V	30…720
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		3PH, /5A or /1A
Measurement method		TRMS
Static Outputs		
Static output type		4 (SSR)
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		

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❶ RGK 700, RGK 800RD..., RGK 900RD... excluded.
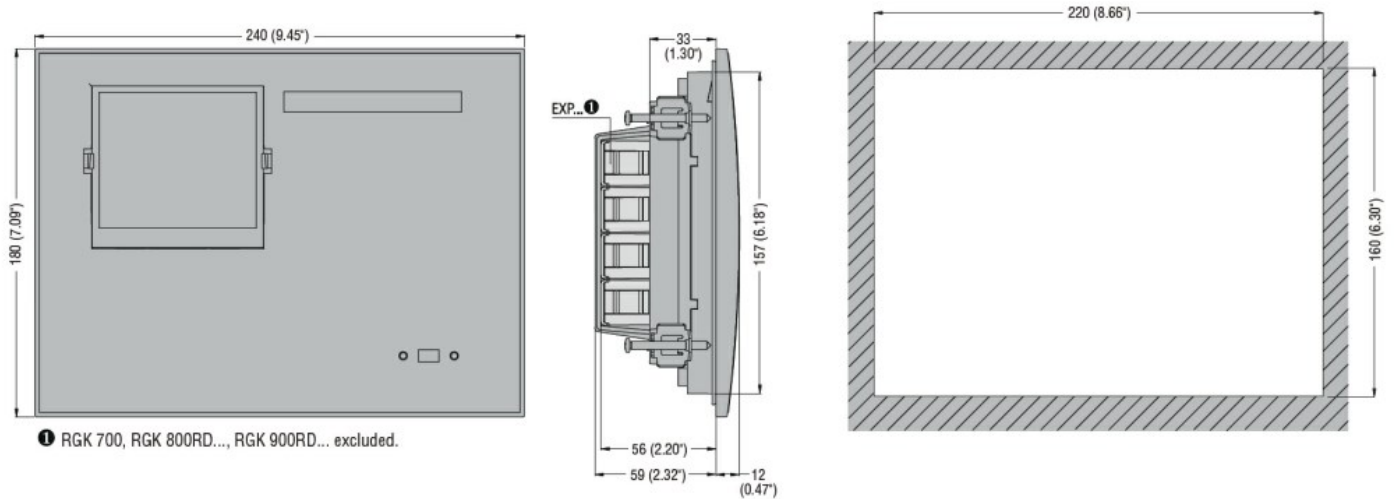
Wiring diagrams
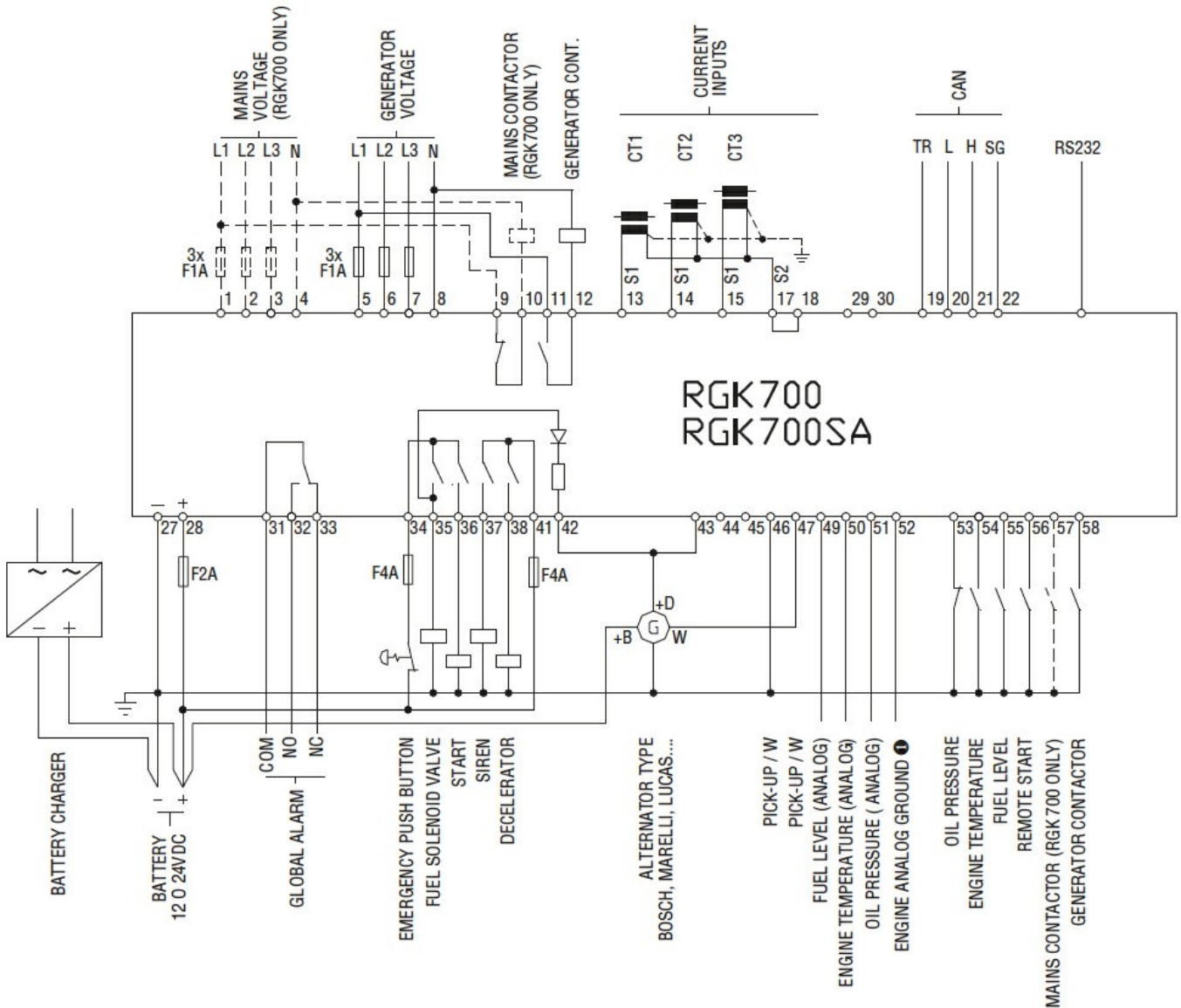
Certifications and compliance

Compliance

| CSA C22.2 n° 14 |
| IEC/EN 61000-6-2 |
| IEC/EN 61000-6-3 |

RGK700SA

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

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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