



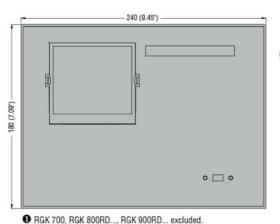
MAINS-GENERATOR PARALLELING CONTROL. 12/24VDC, GRAPHIC LCD, WITH RS485 PORT, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT. EXPANDABLE WITH EXP... MODULES

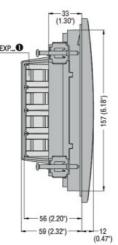


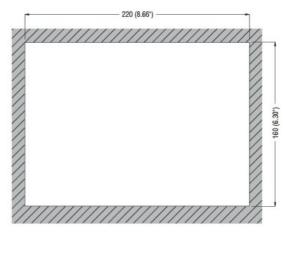
Product designation		Stand-alone controller
Product type designation		RGK900SA
Power supply		
Rated battery voltage	V	12/24VDC
Digital inputs		
Digital input type		12 neg.+ 1 pos.
"W"/AC/PICK-UP speed inputs		
"W"/AC/PICK-UP speed input type		"W" or generator frequency or "Pick-up"
Voltage inputs		
Rated voltage (Ue)	VAC	100600
Measurement range	V	30720
Frequency range	Hz	4565 or 360 440
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)
Rating	Α	2
Protections		Protected
Relay outputs		
Type of output contact		3 (relay)
Rated current at 250V in AC-1	Α	8
Interface		
CANbus		Yes
Ambient conditions		
Protection degree		IP65
Dimensions		

ENERGY AND AUTOMATION

MAINS-GENERATOR PARALLELING CONTROL. 12/24VDC, GRAPHIC LCD, WITH RS485 PORT, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT. EXPANDABLE WITH EXP... MODULES







Wiring diagrams MAINS CONTACTOR (RGK900 ONLY) GENERATOR CONT. GOVERNOR MAINS/BUS VOLTAGE GENERATOR RS485 CAN 1 CAN 2 TR L H SG TR A B SG TR L H SG GOV-1 COM AVR-1 COM AVR-2 L1 L2 L3 N L1 L2 L3 N • 61 5 8 8 16 17 18 **RGK900** RGK900SA F4A F2A F8A +R(C)M PICK-UP / W FREE FREE FREE FREE 9 **EMERGENCY PUSH BUTTON** FUEL SOLENOID VALVE MECHANICAL FAILURE ELECTRICAL FAILURE PROGRAMMABLE INPUT (ANALOG) FUEL LEVEL (ANALOG) ENGINE TEMPERATURE (ANALOG) OIL PRESSURE (ANALOG) OIL PRESSURE ENGINE TEMPERATURE REMOTE START / ENABLE PWR MNG GENETAROR OVERLOAD COOLER LEVEL MAINS CONTACTOR (RGK 900 ONLY) GENERATOR CONTACTOR ALTERNATOR TYPE BOSCH, MARELLI, LUCAS.... ENGINE ANALOG GROUND * BATTERY CHARGER REMOTE ALARM GLOBAL ALARM BATTERY 12 OR 24

Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

UL 508

Certificates

EAC



RGK900SA

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

ETIM classification

ETIM 8.0

EC002758 -Energy management controller