

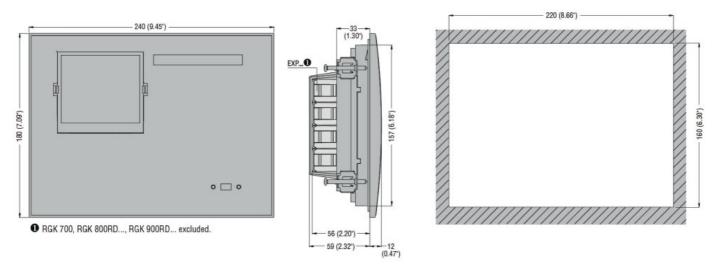
AUTOMATIC MAINS FAILURE (AMF) GEN-SET CONTROLLER, 12/24VDC, WITH RS485 PORT AND USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT, CANBUS PORT, IP65, EXPANDABLE WITH EXP... MODULES



Product designation Product type designation		Automatic mains failure gen-set controllers RGK800
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		
Protection degree		IP65
Dimensions		

ENERGY AND AUTOMATION

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Wiring diagrams (RGK800 ONLY) MAINS CONTACTOR GENERATOR CONT VOLTAGE CURRENT RGK800 ONLY) RS485 CAN CT TR L H SG L1 L2 L3 N TR A B SG L1 L2 L3 N 3x F1A 中山 \$22 S 10 13 14 16 17 18 19 20 21 22 23 24 25 26 **RGK800** RGK800SA 43 44 45 46 47 48 49 50 51 52 32 33 F4A F8A F2A $G_{\overline{W}}$ +B SIREN FUEL SOLENOID VALVE START DECELERATOR MECHANICAL FAILURE ELECTRICAL FAILURE PICK-UP / W OIL PRESSURE ENGINE TEMPERATURE FUEL LEVEL REMOTE START GENETAROR OVERLOAD GENERATOR CONTACTOR 200 **EMERGENCY PUSH BUTTON** MAINS CONTACTOR (RGK 800 ONLY) PROGRAMMABLE INPUT (ANALOG) ENGINE TEMPERATURE (ANALOG) OIL PRESSURE (ANALOG) ENGINE ANALOG GROUND BATTERY CHARGER REMOTE ALARM GLOBAL ALARM

Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 61000-6-2

IEC/EN 61000-6-3



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RGK800

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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