

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

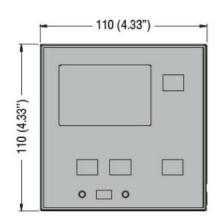


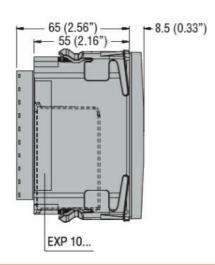
Product type designation	Product designation			Stand alone gen-
Power supply         V         12/24VDC           Digital inputs         5 neg, + 1 pos.           Digital input type         5 neg, + 1 pos.           High digital input signal         V         See eBOM           "W"/AC/PICK-UP speed inputs           "W"/AC/PICK-UP speed input type         "W" or generator frequency or "Pick-up"           Voltage inputs         V         100480           Measurement range         V         100480           Measurement method         TRMS           Current inputs         TRMS           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Measurement method         TRMS           Measurement method         TRMS           Static output type         5 (SSR)           Rating         A         2           Protected         Ambient conditions           Temperature           Operating temperature         min         °C         -30           max         °C         +60           Protection degree         IP40, IP65 with optinal gasket seal				set controllers
Rated battery voltage         V         12/24VDC           Digital inputs         V         5 neg.+1 pos.           High digital input signal         V         See eBOM           W"AC/PICK-UP speed inputs         W" or generator frequency or "Pick-up"           "W"/AC/PICK-UP speed input type         WT         100480           Rated voltage (Ue)         VAC         100480           Measurement range         V         100480           Measurement method         TRMS           Current inputs         TRMS           Quirrent inputs         A         5A/1A           Measurement range         0.056A or 0.056A or 0.051.2A         0.056A or 0.051.2A           Measurement range         D.050A or 1A         Description of the protection of the pr				RGK400SA
Digital input type         5 neg.+ 1 pos.           High digital input signal         V see eBOM           "W"/AC/PICK-UP speed inputs         "W" or generator frequency or "Pick-up"           Voltage inputs         VAC         100480           Rated voltage (Ue)         VAC         100480           Measurement range         ½         4565           Measurement method         TRMS           Current inputs         X         5A/1A           Measurement range         A SA/1A         SA/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static Outputs         TRMS           Static Output type         5 (SSR)           Rating         A 2           Protections         Protected           Ambient conditions         Protected           Temperature         IP40, IP65 with optinal gasket optinal gasket seal				
Digital input type         5 neg + 1 pos.           High digital input signal         V See eBOM           "W"/AC/PICK-UP speed inputs         "W" or generator frequency or "Pick-up"           Voltage inputs         VC 100480           Rated voltage (Ue)         VAC 100480           Measurement range         V 100480           Frequency range         Hz 4565           Measurement method         TRMS           Current inputs         0.056A or 0.056A or 0.056A or 0.056A or 0.056A or 0.0512A           Amperometric inputs type         1PH,/5A or/1A           Measurement method         TRMS           Static Outputs         TRMS           Static Output type         5 (SSR)           Static Output type         5 (SSR)           Rating         A 2           Protections         Protected           Ambient conditions         Protected           Temperature         IP40, IP65 with optinal gasket optinal gasket seal	·		V	12/24VDC
High digital input signal         V         See eBOM           "W"/AC/PICK-UP speed input type         "W" or generator frequency or frequency or frequency or repick-up"           Voltage inputs         VAC         100480           Rated voltage (Ue)         VAC         100480           Measurement range         Hz         4565           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs         TRMS           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.056A or 0.0512A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Static output type         5 (SSR)           Static output type         Protected           Antilities         2           Protections         Protected           Ambient conditions         Temperature           Operating temperature         min °C and represented to the protected				
W"/AC/PICK-UP speed input type         "W" or generator frequency or "Pick-up"           Voltage inputs         VAC         100480           Rated voltage (Ue)         VAC         100480           Measurement range         V         480VLL(3PH+N)           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs         TRMS           Current range         0.056A or 0.056A or 0.0512A           Measurement range         0.056A or 0.0512A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Output type         5 (SSR)           Static Output type         5 (SSR)           Rating         A 2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal				
"W"/AC/PICK-UP speed input type         "W" or generator frequency or Pick-up"           Voltage inputs         ****         100480           Rated voltage (Ue)         VAC         100480           Measurement range         ****         100480           Frequency range         Hz         4565           Measurement method         ****         TRMS           Current inputs         ***         5.61A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         ***         1PH, /5A or /1A           Measurement method         ***         TRMS           Static Outputs         ***         TRMS           Static Outputs         ***         \$			V	See eBOM
"W"/AC/PICK-UP speed input type         frequency or "Pick-up"           Voltage inputs         Rated voltage (Ue)         VAC         100480           Measurement range         V         100480           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs         TRMS           Rated current (Ie)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         TRMS           Static Outputs         TRMS           Static Output type         5 (SSR)           Rating         A         2           Protections         A         2           Ambient conditions         Protected           Temperature         min         °C         -30           Protection degree         IP40, IP65 with optinal gasket seal	"W"/AC/PICK-UP speed inputs			
Rated voltage (Ue)         VAC         100480           Measurement range         V         100480           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs         0.056A or 0.0512A           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.0512A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal				frequency or
Measurement range         V         100 480VLL(3PH+N) 480VLL(3PH+N)           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs         TRMS           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static Output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature         min         °C         -30           max         °C         +60           Protection degree         IP40, IP65 with optinal gasket seal				
Measurement range         V         480VLL(3PH+N)           Frequency range         Hz         4565           Measurement method         TRMS           Current inputs           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.0512A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature           Operating temperature         min °C -30 max °C +60           IP40, IP65 with optinal gasket seal	Rated voltage (Ue)		VAC	
Measurement method         TRMS           Current inputs         A         5A/1A           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal	Measurement range		V	480VLL(3PH+N)
Current inputs         A         5A/1A           Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         Static Outputs           Static output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal	Frequency range		Hz	4565
Rated current (le)         A         5A/1A           Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Rating         A         2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal	Measurement method			TRMS
Measurement range         0.056A or 0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         TRMS           Static output type         5 (SSR)           Rating         A 2           Protections         Protected           Ambient conditions         Protected           Temperature         min °C -30 max °C +60           Protection degree         IP40, IP65 with optinal gasket seal	Current inputs			
Measurement range         0.051.2A           Amperometric inputs type         1PH, /5A or /1A           Measurement method         TRMS           Static Outputs         ****	Rated current (le)		Α	5A/1A
Amperometric inputs type  Measurement method  Static Outputs  Static output type  Static output type  Static output type  Frotections  A 2  Protections  Ambient conditions  Temperature  Operating temperature  min °C -30 max °C +60  IP40, IP65 with optinal gasket seal	Measurement range			
Measurement method  Static Outputs  Static output type  Static out	Amperometric inputs type			
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, IP65 with optinal gasket seal	<u> </u>			
Static output type  Rating  A 2  Protections  Ambient conditions  Temperature  Operating temperature  min °C -30 max °C +60  IP40, IP65 with optinal gasket seal				TTUNE
Rating A 2 Protections Protected  Ambient conditions  Temperature Operating temperature min °C -30 max °C +60  Protection degree IP40, IP65 with optinal gasket seal				5 (SSR)
Protections  Ambient conditions  Temperature  Operating temperature  min °C -30 max °C +60  Protection degree  IP40, IP65 with optinal gasket seal			Δ	<u> </u>
Ambient conditions  Temperature  Operating temperature  min °C -30 max °C +60  Protection degree  IP40, IP65 with optinal gasket seal				
Temperature  Operating temperature  min °C -30  max °C +60  Protection degree  IP40, IP65 with optinal gasket seal				Fiolected
Operating temperature  min °C -30 max °C +60  Protection degree  IP40, IP65 with optinal gasket seal				
min °C -30 max °C +60  Protection degree  IP40, IP65 with optinal gasket seal	·			
Protection degree max °C +60  IP40, IP65 with optinal gasket seal	Operating temperature	!	°C	20
Protection degree IP40, IP65 with optinal gasket seal			_	
Protection degree optinal gasket seal		max	C	
Dimensions	Protection degree			optinal gasket
	Dimensions			

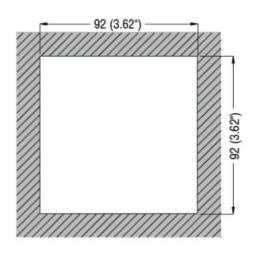


**ENERGY AND AUTOMATION** 

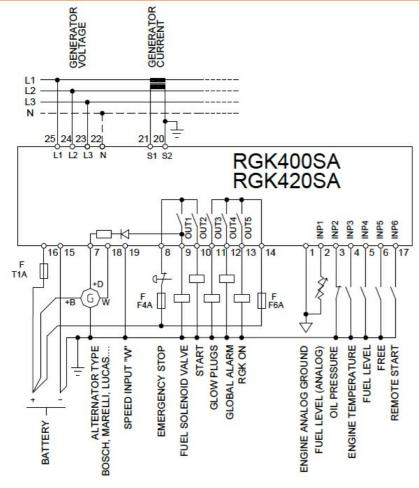
# STAND ALONE GEN-SET CONTROLLER, 12/24VDC, USB/OPTICAL AND WI-FI POINT PROGRAMMING PORT ON FRONT







#### 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



### RGK400SA

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

ETIM 8.0

EC002758 -Energy management controller