



Product designation

Stand alone gen-
set controllers

Product type designation

RGK800SA

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 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

6 (SSR) + 1 (SO)

Relay outputs

Type of output contact

3 (relay)

Interface

CANbus

Yes

Ambient conditions

Temperature

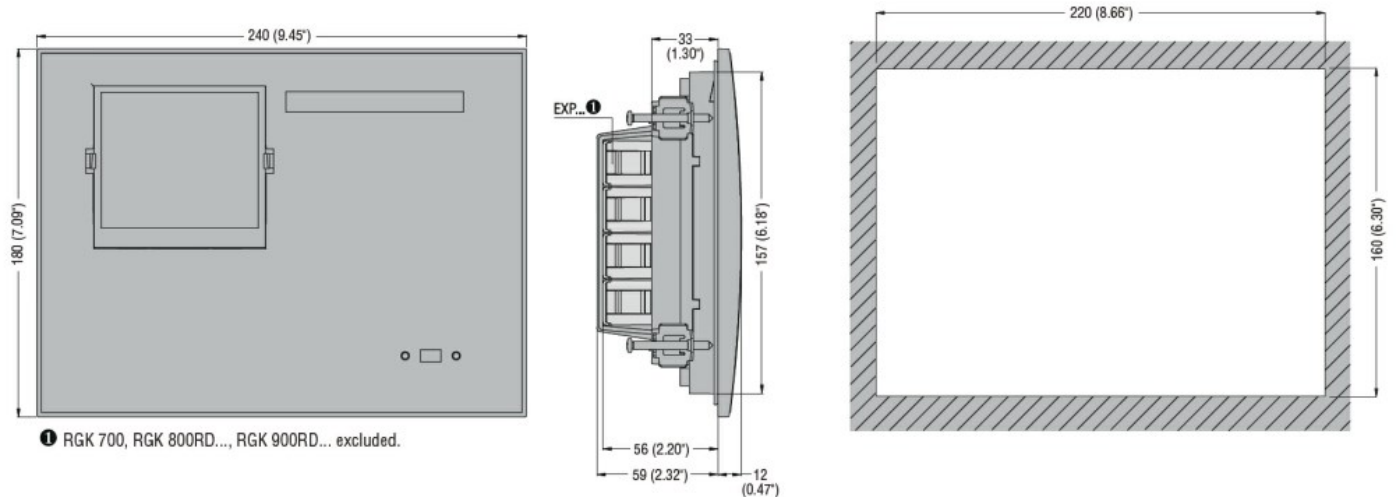
Operating temperature

min	°C	-30
max	°C	+70

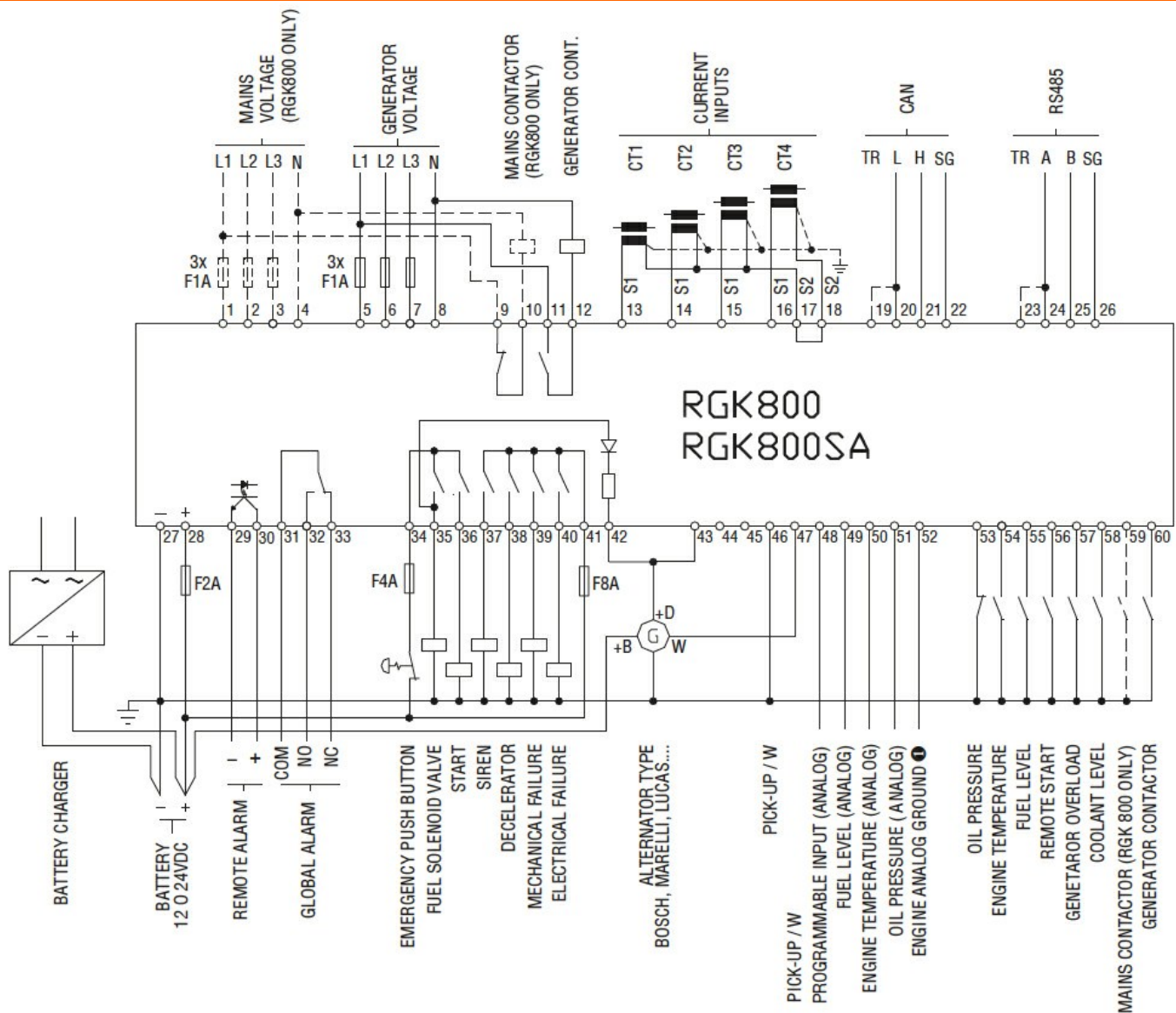
Protection degree

IP65

Dimensions



Wiring diagrams



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

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

ETIM classification

ETIM 8.0

EC002758 -
Energy
management
controller