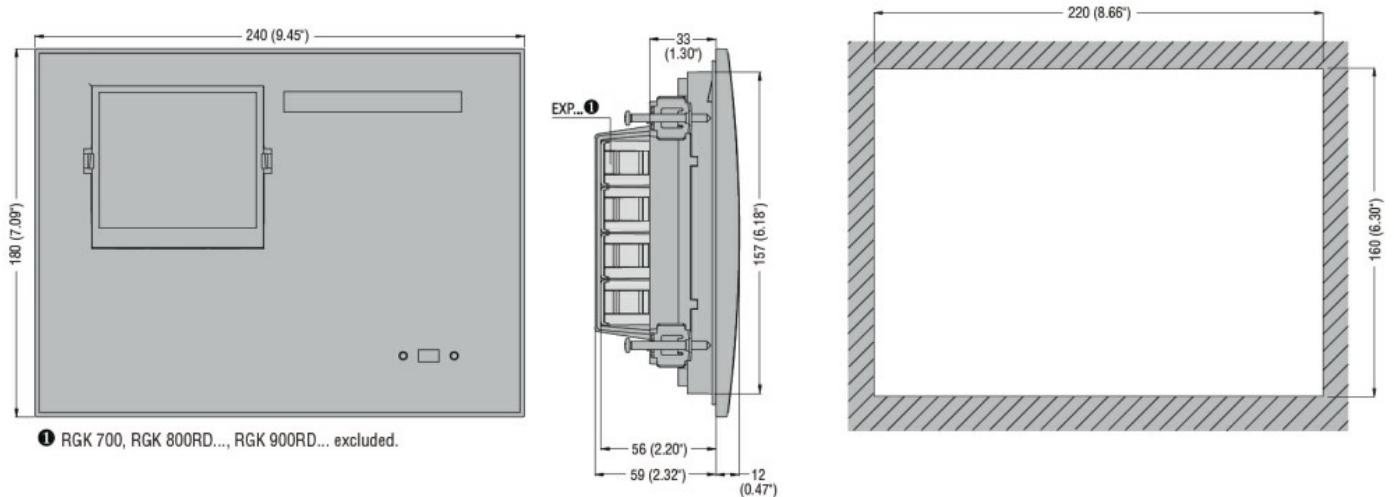
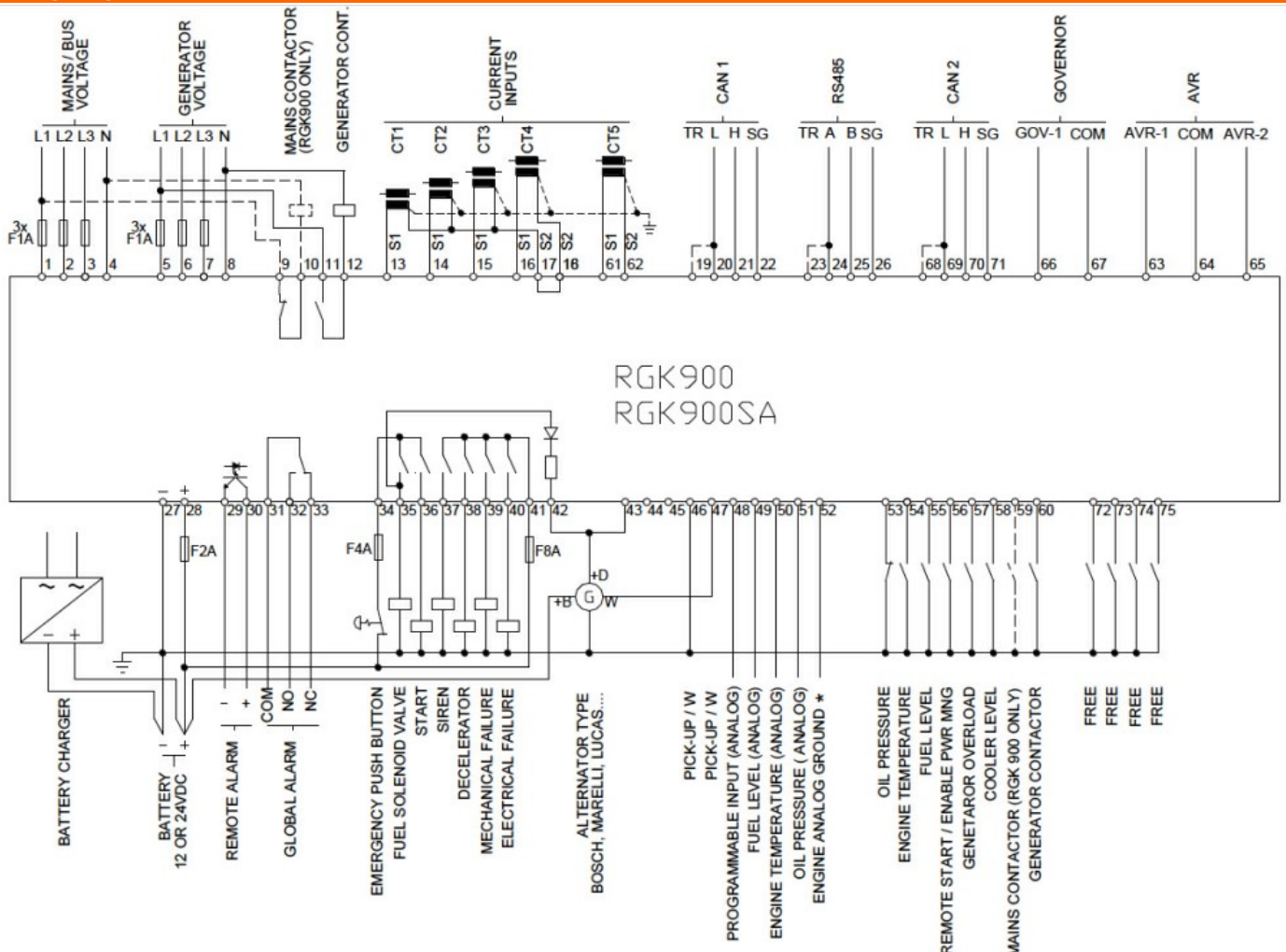




|                                 |                          |                      |                                         |
|---------------------------------|--------------------------|----------------------|-----------------------------------------|
| Product designation             |                          | AMF controller       |                                         |
| Product type designation        |                          | RGK900               |                                         |
| Power supply                    |                          |                      |                                         |
| Rated battery voltage           | V                        | 12/24VDC             |                                         |
| Digital inputs                  |                          |                      |                                         |
| Digital input type              | 12 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                  |                          |                      |                                         |
| Rated voltage (Ue)              | VAC                      | 100...600            |                                         |
| Measurement range               | V                        | 30...720             |                                         |
| Frequency range                 | Hz                       | 45...65 or 360...440 |                                         |
| 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)         |                      |                                         |
| Rating                          | A                        | 2                    |                                         |
| Protections                     | Protected                |                      |                                         |
| Relay outputs                   |                          |                      |                                         |
| Type of output contact          | 3 (relay)                |                      |                                         |
| Rated current at 250V in AC-1   | A                        | 8                    |                                         |
| Interface                       |                          |                      |                                         |
| CANbus                          | Yes                      |                      |                                         |
| Ambient conditions              |                          |                      |                                         |
| 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

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

---

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

**ETIM classification**

ETIM 8.0

EC002758 -  
Energy  
management  
controller