

1 Description:

GM810RM and GM811RM is a monitoring module matching the new generation single generator set controller. The monitoring module is connected with the generator controller through RS485 communication port to display the running state and measuring data of the main generator control in real time synchronously, and can operate the same control functions as the main generator control, including starting and stopping the generator set, such The combination provides the user with a simple application solution for off-site operation and monitoring of the generator set.

GM810RM is suitable for **GM810/GM6650/GM830** these 3 self starting controllers.

GM811RM is suitable for **GM811/GM6651/GM831** these 3 self starting controllers with power failure detection and automatic power switching. .

2 Typical wiring:

| Model | GM810RM/GM811RM | GM810/GM811 controller |
|-------------------------------|-----------------|------------------------|
| Definition communication port | 31/A | 31/A |
| | 32/B | 32/B |
| | 33/S | 33/S |

| Model | GM810RM | GM6650/GM830 controller |
|-------------------------------|---------|-------------------------|
| Definition communication port | 31/A | A |
| | 32/B | B |
| | 33/S | S |

| Model | GM811RM | GM6651/GM831 controller |
|-------------------------------|---------|-------------------------|
| Definition communication port | 31/A | A |
| | 32/B | B |
| | 33/S | S |

Note: Shielded cable should be used for communication port connection between controllers. When the monitoring module is used with the GM83 series controller, the function of the monitoring module only has the data monitoring display and panel control function of the GM81 series controller, and the parameter setting cannot be set.

3 Technical Parameters:

Working power supply

Voltage: 12/24Vdc (8 to 35Vdc)

Crank voltage drop: If the voltage before the crank is $\geq 10V$, it can be maintained at 0V for 80ms, the voltage is restored to $\geq 5V$, and the controller can work normally without adding other auxiliary power.

Environmental parameters

Operating temperature range: $-20^{\circ}C$ to $70^{\circ}C$

Storage temperature range: $-40^{\circ}C$ to $80^{\circ}C$

Humidity range: $\leq 95\%$, non-condensing

Outer casing

Dimensions: 156*120*39.5mm

Installation: 123*96mm

Protection level: IP65 (front) IP20 (back)

Sinusoidal vibration

4G, 5 to 100Hz, with EN60068-2-6 standard

Shock

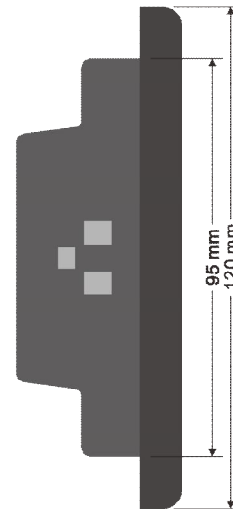
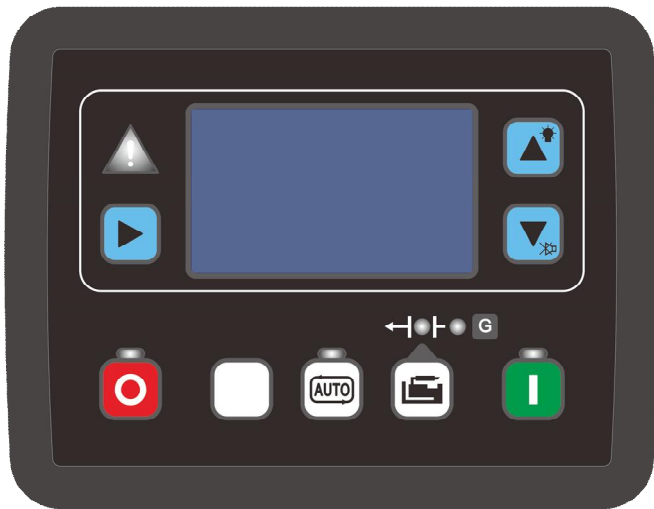
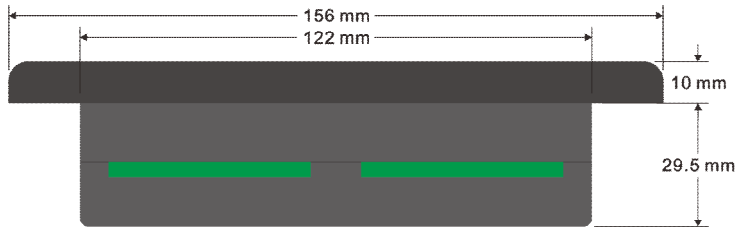
40G, 11Ms, with EN60068-2-27 standard

Electrical safety standard

With EN60950-1 standard

4 Controller dimensions:

GM810RM



GM811RM

