



**U**igital

Design

Yes

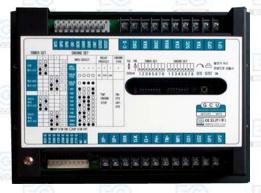
# Description

GCU-MP3 is a device designed to detect absent phase of commercial power, over voltage and low voltage and to monitor and control diesel engine generator variously in digital way. It does not need extra external relay and can start/stop engine directly and insert/block ACB. It is applied to the panel using extra analog/digital meter and has engine and generator protecting function and controls circuit breaker.



# **K**ey Features

- Controls engine generator and ACB with one machine.
- Fault alarm and operation status contact included
- Used at ACB(stand-alone type) panel
- · Can draw out fault alarm



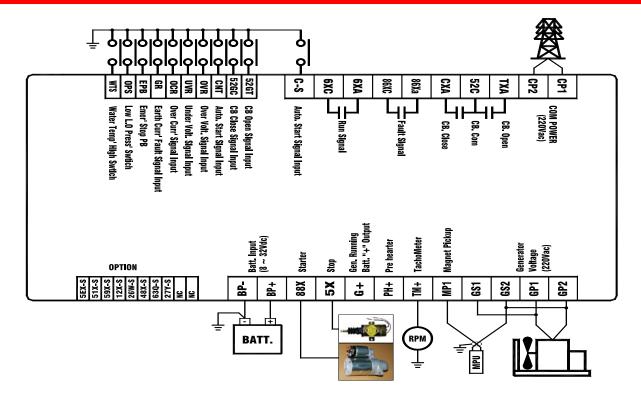
#### Mechanical Features

- Selection switch for engine stop types and engine stop at light fault
- Lamp draws out fault signal

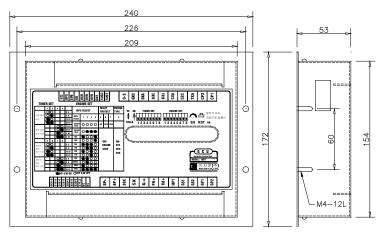
# **S**pecifications

- Power Input : 8~35Vdc
- Generator Input: Max 600Vac(L-L), 45~70Hz, 5Aac
- Standard of Earth Current Detecting CT: 100/5A, 5VA
- COM power Detection : 1P, 220Vac
- Speed Detection : MPU(7kHz, 20Vac) or GEN power

### Connection Circuit



#### Dimension(mm)



# Miscellaneous

- Operating Temperature(°C): -20~60
- Weight(kg): 1.5
- Material of Case : Steel
- Connecting Terminal: 250 Slip on
- Communication Protocol : MODBUSRTU
- Accuracy of Measurement(RMS): ±1.0%
- Contact Capacity of Start/Stop: 30A
- Contact Capacity of ACB Control: 10A



Tel: 82-32-677-9806 Fax: 82-32-677-9807 Email: sales@egcon.co.kr Web: www.egcon.o.kr