

# ACU MP5

Easy

Digital

Design

Yes

## Description

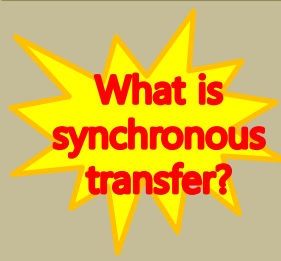
**ACU-MP5** is a device to control ATS that contains phase transfer function, SEMIAUTO function, TEST MODE function, anti burnt down function of ETS solenoid and remote control function.



## Key Features

- ATS control in digital way using MICOM
- Synchronous phase transfer
- Semi-Auto function
- TEST MODE function
- Anti burnt down of ETS solenoid
- Remote control by RS 485 MODBUS communication
- Detects 3P of commercial power and indicates absent phase.
- Indicates states of commercial/generator power and transfer state.
- Contains engine start contact when commercial power has fault
- Wiring work is not necessary - control wire is supplied

## Mechanical Features



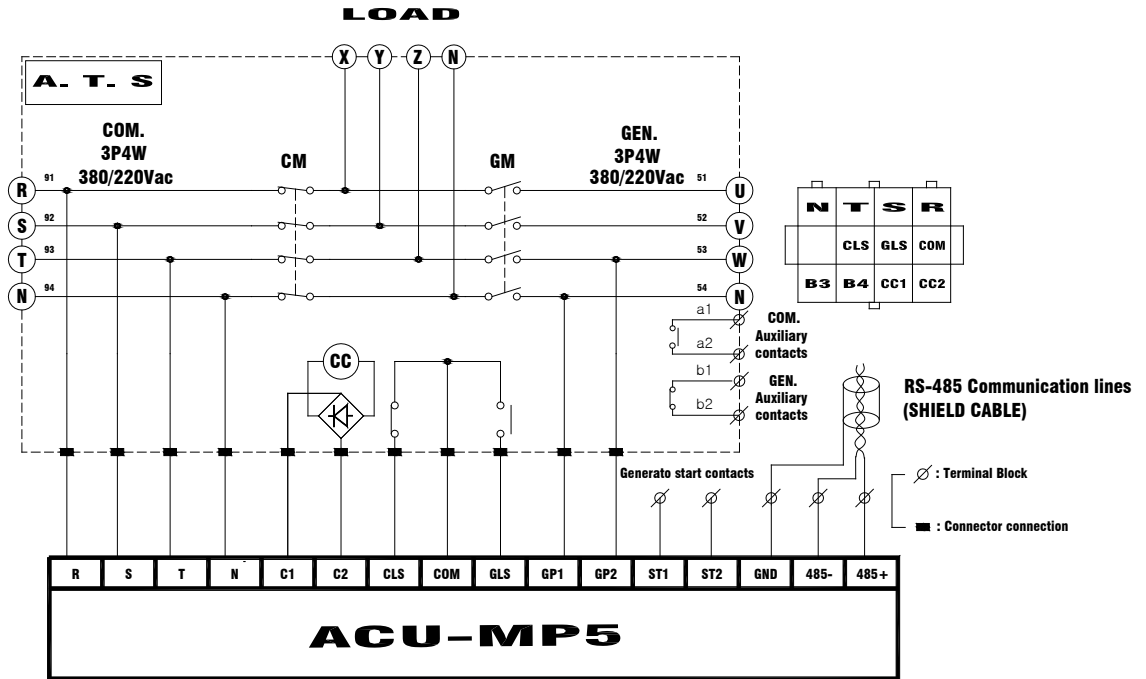
If commercial power and generating power transfer when those phase are in the complete opposite position, over current occurs which exceeds the rated current. In the worst case, accordingly, the axis of motor gets broken and elevator, fire hydrant and other electric components can be broken by this surge current. If you use our ACU-MP5 with synchronous transfer capability, you can prevent these accidents.

- **AUTO Function** : while commercial power or generator power is being input, switch is transferred to normal power if there occurs a broken power.
- **Anti burnt down of ATS coil** : buzzer alarms and transfer indication lamp blinks when transfer signal of ATS is not received after transfer output is output for a sec during manual and automatic operation.
- **TEST MODE function** is a function to test one cycle making commercial power back from outage and operating engine generator and inserted to generator power and then to commercial power

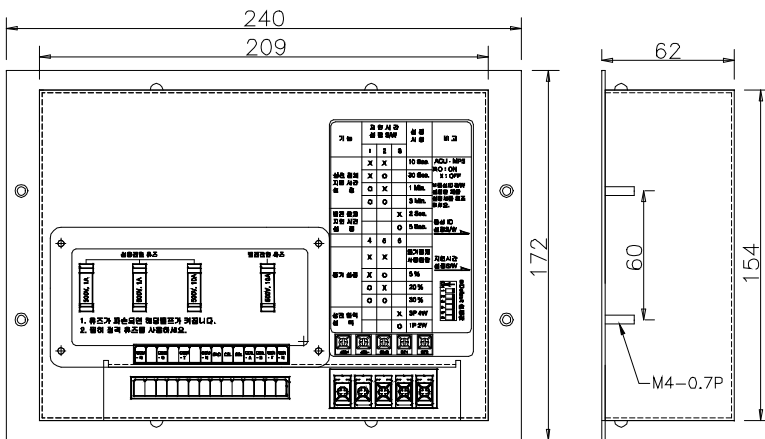
## Specifications

- Commercial Power Input : 3P4W, 220/380Vac, 50/60Hz
- Generator Power Input : 1P, 220Vac, 50/60Hz
- Transfer Output Contact Capacity : 250Vac, 5A(Dry Contact)
- Assistant Contact Capacity of Commercial Power Fault : 250Vac, 10A(Dry Contact)

# Connection Circuit



## Dimension(mm)



## Miscellaneous

- Operating Temperature(°C) : -20~60
- Weight(kg) : 1
- Material of Case : Steel
- Communication Protocol : MODBUS RTU
- Control wire supplied



Engine generator control enterprise  
**EGCON CO., LTD**

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