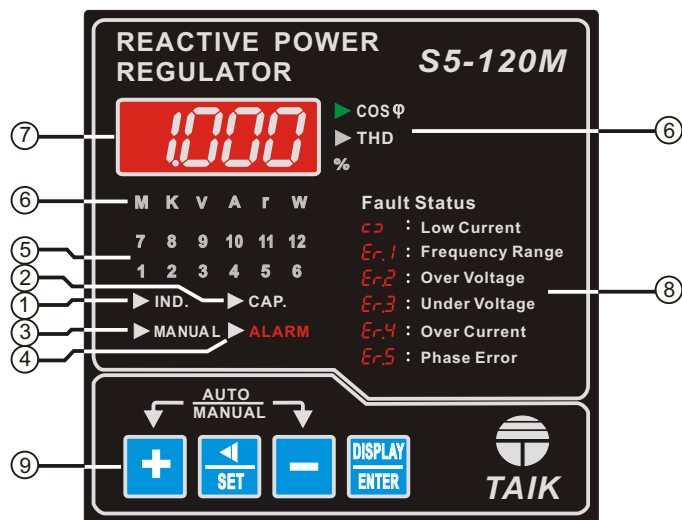



MULTI-REACTIVE POWER REGULATOR

MODEL S5-60M / S5-120M



REVIEW THE PRESET DEFAULT PARAMETERS

 Press for 2 sec to indicate **SEt**, then the following preset default modes will individually be shown on the screen.

dLY (Relay energized delay time) → **StP** (No of switching step) →

PF (Setting of the targeted PF value) → **Act** (Type of switching program)

→ **P.S.L.** (Targeted PF mode) → **CAP** (Setting of the C/K value)

FRONT PLATE

- | | |
|------------------------|-----------------------------|
| ① Switch on capacitor | ⑤ Energized capacitor steps |
| ② Switch off capacitor | ⑥ Electrical parameters |
| ③ Manual operation | ⑦ Measured values |
| ④ Abnormal status | ⑧ Fault status |
| | ⑨ Push buttons |

DEFINITION OF LEGENDS

PF Power Factor **V** Volt **A** Amp **VA** **P** Watt **Var** **F** Frequency
UH Volt Harmonic Distortion in % **AH** Amp Harmonic Distortion in %











" Shift to the display in indicating the measured electrical parameters and values. It will automatically return to the display in PF within 4 min without pressing any button"

*The function with the measurement in volt/amp containing harmonic distortion will be available if the request for the THD measurement is ordered.

FAULT STATUS

- Er.1** : Sensitivity of the lower current
- Er.2** : Incorrect frequency range
- Er.3** : Exceeding the limiting voltage range
- Er.4** : The measured volt is under the limiting range
- Er.5** : Sensitivity of the higher current
- Er.6** : Incorrect phase sequence

MANUAL OPERATION

1.   Press 2 sec to enter the manual operation, then "MANUAL" will light up
2.  Press 1 sec to switch on the capacitors manually, then the "IND" will light up
3.  Press 1 sec to stop switching on the capacitors, the "IND" will light off
4.  Press 1 sec to switch off the capacitors manually, then "CAP" will light up
5.  Press 1 sec to stop switching off the capacitors, then "CAP" will light off
6.   Press 2 sec to recover the automatic operation, then "MANUAL" will light off

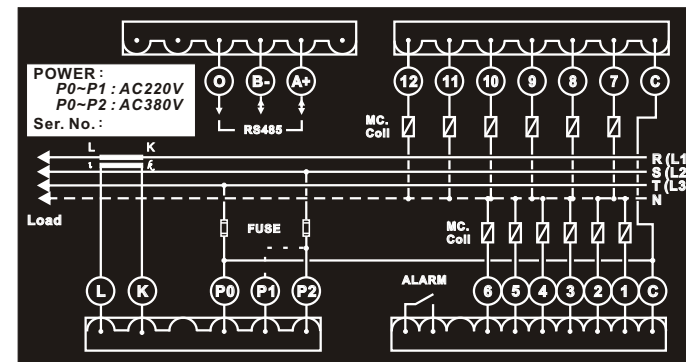
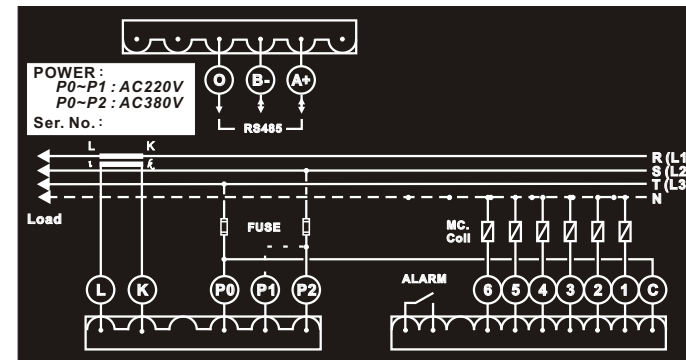
SPECIFICATIONS

Operating voltage	: AC 220V ±15% & AC380V ±15% or option
Power consumption	: ≤ 4.5 VA(S5-60M), ≤ 7.5 VA(S5-120M)
Input current	: AC 0.05 ~ 5A
Current burden	: ≤ 0.5VA
Power factor display	: Digital display, red LED, 14.2mm high, 0.01(0.001) PF resolution
Power factor setting range	: Cap.0.95~ Ind.0.85 PF. 0.97 be set on delivery from factory
Measurement accuracy	: V,A : ±0.2%F.S. , VA,W,Var : ±0.5% F.S. ,PF : ±0.02
Power factor setting mode	: Setting value to 1.00 PF. or setting point mode
C/K setting range	: Automatic self-adjustment for C/K Value or Manual setting for C/K value.(0.01~2.40)
Relay energized delay time:	10 ~ 240 sec. delay time 30 sec. be set on delivery from factory
Nos. of capacitors setting	: 3 ~ 6 steps for S5-60M, 3 ~ 12 steps for S5-120M
Overtoltage setting	: 110 ~ 130%, 120% be set on delivery from factory
Relay contact capacity	: Max. AC 380V, 5A, typical AC 220V 5A
Operating temperature	: 0 ~ 60 °C
Storage temperature	: -10 ~ 70 °C
Dielectric strength	: AC 2KV, 60Hz, 1 minute, INPUT/OUTPUT/CASE
Withstanding impulse voltage	: IEC 1000-4-5
Electrical transient in burst:	IEC 1000-4-4
Electrostatic discharge	: IEC 1000-4-2
Voltage dips & interrupts	: IEC 1000-4-11
Wiring connection	: Plug-in terminal block
Weight	: About 0.85kg for S5-60M, 1 kg for S5-120M

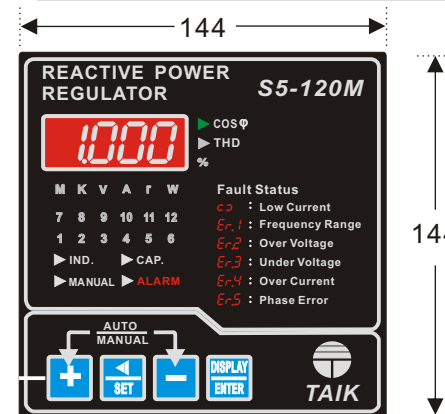
COMMUNICATION

Interface	: RS 485 (standard) or RS 232 (option)
Protocol	: MODBUS, RTU framing
Baud rate	: 1200~38400 programmable
Address range	: 1~255 programmable
Data format	: N.8.1/N.8.2/O.8.1/E.8.1 pro.
Number of meter	: up to 32 on standard RS 485

WIRING CONNECTION



OUTSIDE DIMENSION



PANEL CUT-OUT

