

TOYO

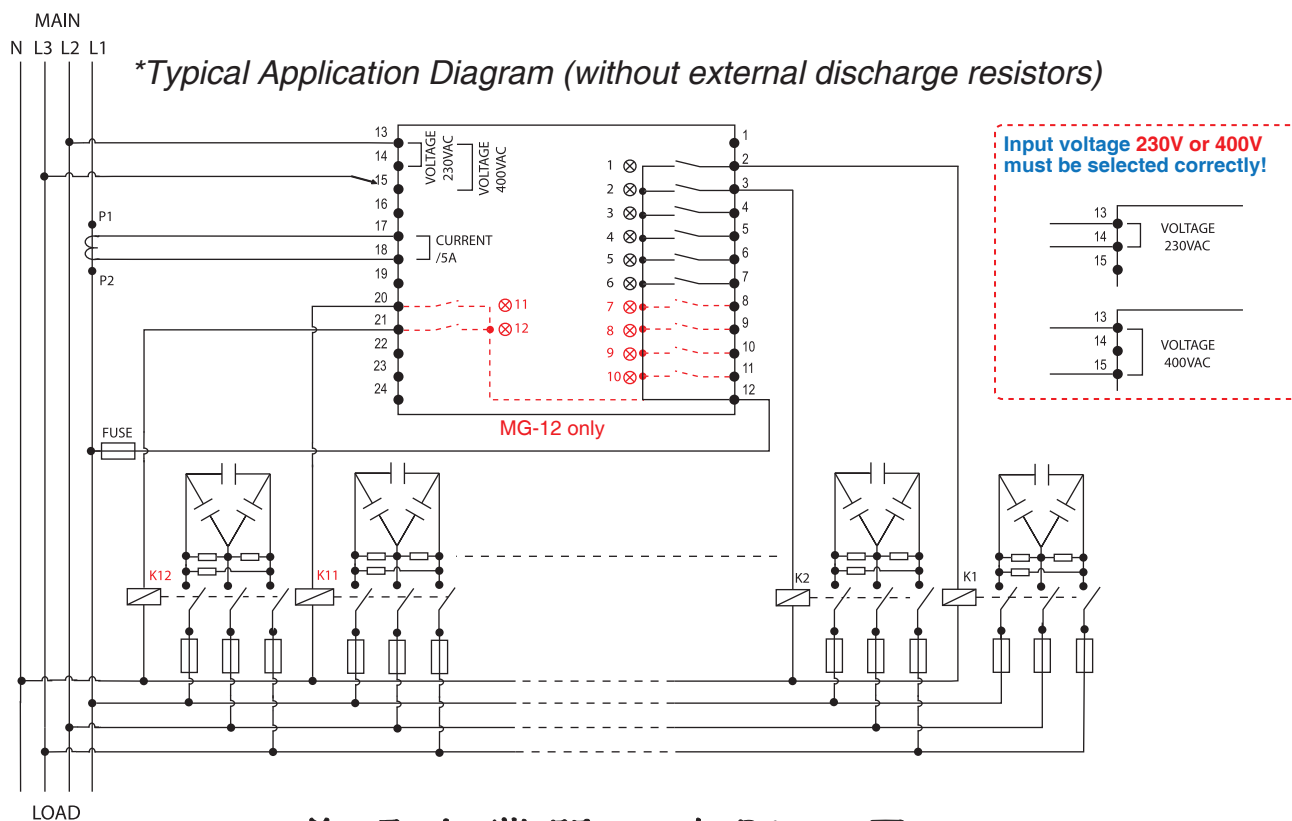
AUTO POWER FACTOR CONTROLLER



SPECIFICATION

MODEL: MG-6 / MG-12

Type	Microprocessor type with digital LED display
Operating Voltage	MG-6 & MG-12: 220~240V or 380~415V, separately
Frequency	50HZ or 60HZ (selectable in setting), default setting is 60HZ
Power Consumption	10VA max
Number of Steps	MG-6: 6 steps / MG-12: 12 steps, both with LED indications
Current	5A (Min. 0.05A~Max.8.0A) with automatic CT polarity detection
Display	Power factor (IND/CAP), current, voltage, current/ voltage THD, Power (W, VAR, VA) and required VAR
Relay Output	5A / 250V AC resistive load, 12A concinuous max. Can be programmed as alarm/fan output
Alarm	auto current/voltage THD Limit , over / under current, over / under voltage, over / under power factor, Auto C/K error, Auto CT polarity detection error
Switching Sequence	Off / Automatic / Rotational / Manual / Four-quadrant
Switching Program	1:1:1:1, 1:1:2:2, 1:2:4:8... ≥10 programmable combinations
Switching Sensitivity	5~600 Sec/step
Reconnection Time	5~240 Sec (for the same step)
C/K Setting	0.02~1.20 / Auto
Power Factor Setting	0.80 IND ~ 0.80 CAP
THD-I / THD-V Threshold	THD-I: 20~300% / THD-V0: 20~30%
Dimensions / Weight	144 x 144 mm, depth: 91mm, 1kg
Panel Cut Out	138 x 138 mm
Protection Class	IP54 (frontal)
Working Temperature	-5°C~55°C
Humidity Range	93%RH
Standards	IEC61000-6-2



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