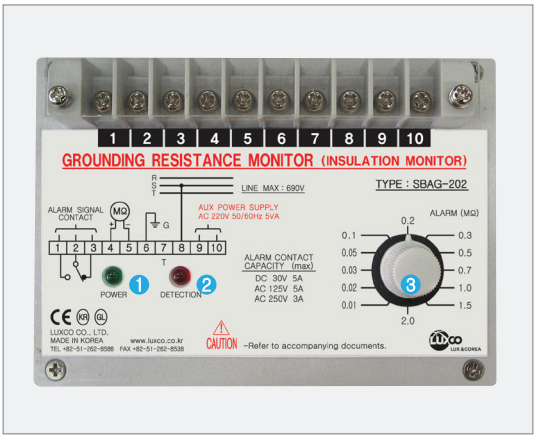
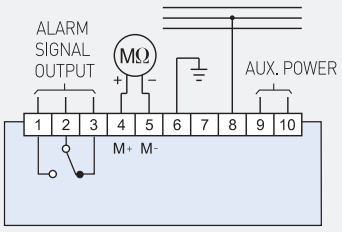
FRONT VIEW

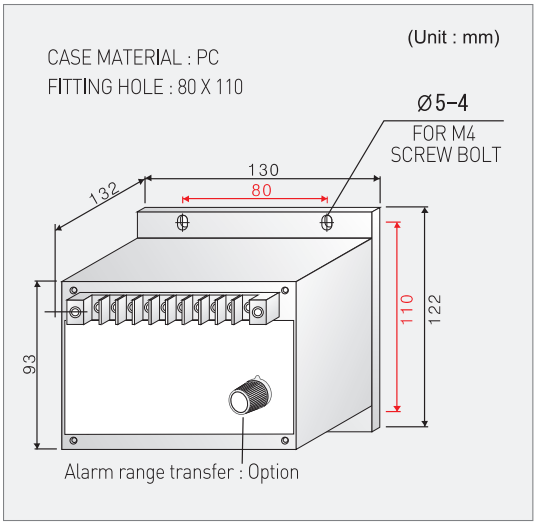


❶ Power indicating lamp (Green)
❷ Alarm indicating lamp (Red)
❸ Alarm setting (MΩ)

T.B LAYOUT



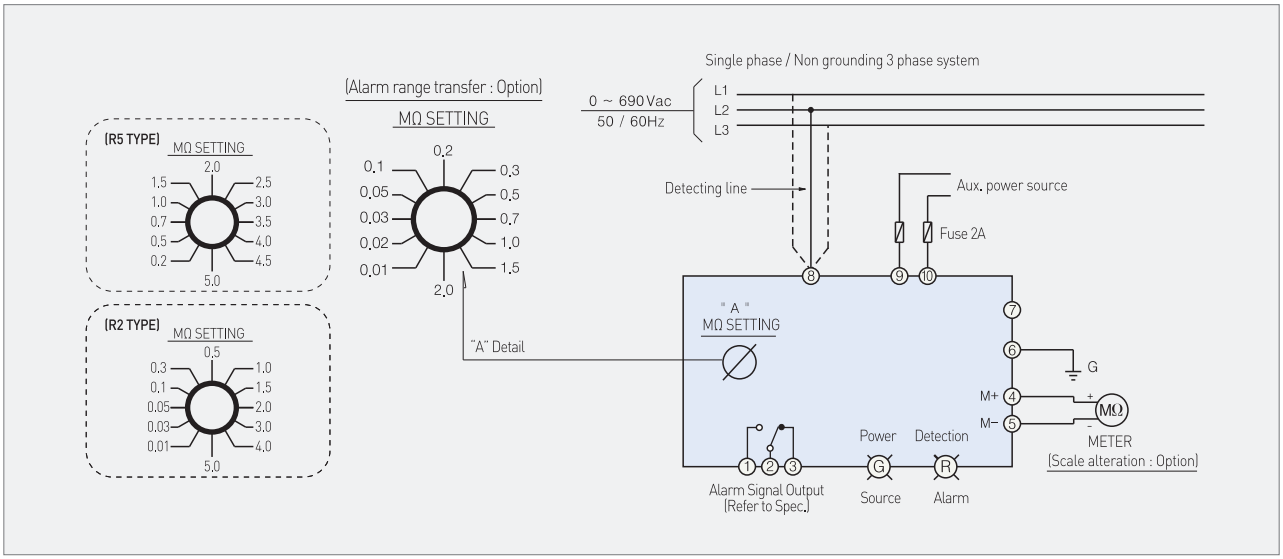
DIMENSION



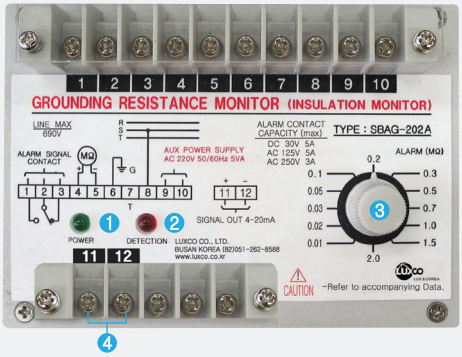
SPECIFICATIONS (LOW INSULATION SPEC')

MODEL	SBAG-102	SBAG-202	SBAG-402
AUX. POWER RATING	AC 110V 50/60Hz	AC 220V 50/60Hz	AC 440V 50/60Hz
RANGE OF POWER VARIATION	AC 85~135V	AC 170~270V	AC 395~485V
MAX. POWER CONSUMPTION	5VA		
INSULATION MONITORING RANGE	∞ ~5 ~0.2 ~0.05 ~0MΩ (R2 : ∞ ~50 ~0MΩ) (R5 : ∞ ~10 ~5 ~1 ~0.5 ~0MΩ)		
INSULATION VOLTAGE RANGE	AC 1P / 3 Phase 0 ~ 690V (max.)		
DETECTOR ACCURACY	±5% (0.1 ~2MΩ) ±10% (under 0.05MΩ, 2MΩ above)		
ALARM SETTING RANGE	0.01 ~ 2.0MΩ (select by 12 steps selector switch) (R2 : 0.01 ~ 5.0MΩ) (R5 : 0.2 ~ 5.0MΩ)		
ALARM DELAY TIME	3.0sec, (±0.5sec.) Reset time : 0.5sec. or less		
ALARM SIGNAL OUTPUT	5A (resistive) 2A (inductive) 30V DC 5A (resistive) 2A (inductive p.f=0.4) 125V AC 3A (resistive) 1A (inductive p.f=0.4) 250V AC		
AMBIENT TEMP.	-20°C ~ +60°C		
STORAGE TEMP.	-40°C ~ +65°C		
DIELECTRIC STRENGTH	Between terminal to cabinet 2.5KV / 1min Between 9, 10 to 6, 8 terminal 1.5KV / 1min		
METER	Refer to page 45		

CONNECTION DIAGRAM

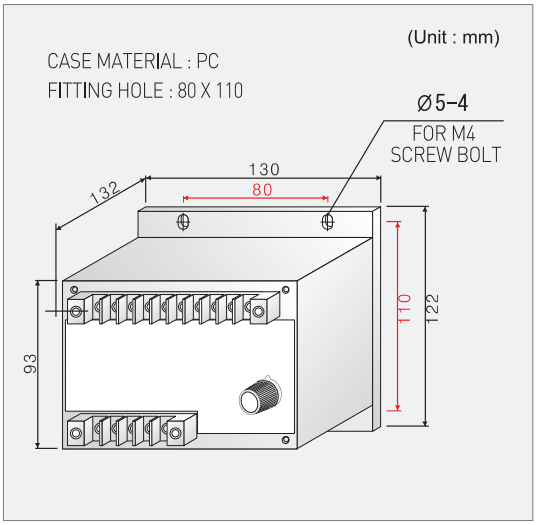


FRONT VIEW

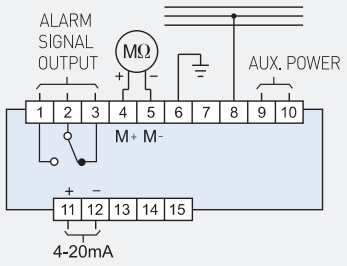


1. Power indicating lamp (Green)
2. Alarm indicating lamp (Red)
3. Alarm setting (MΩ)
4. 4~20mA power output terminal

DIMENSION



T.B LAYOUT

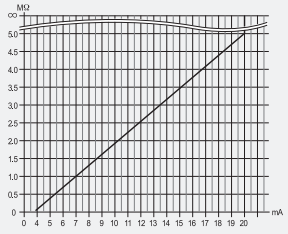


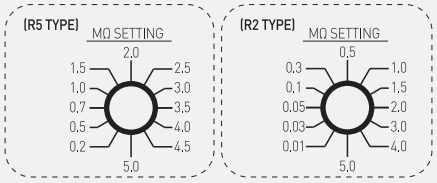
SPECIFICATIONS (LOW INSULATION SPEC')

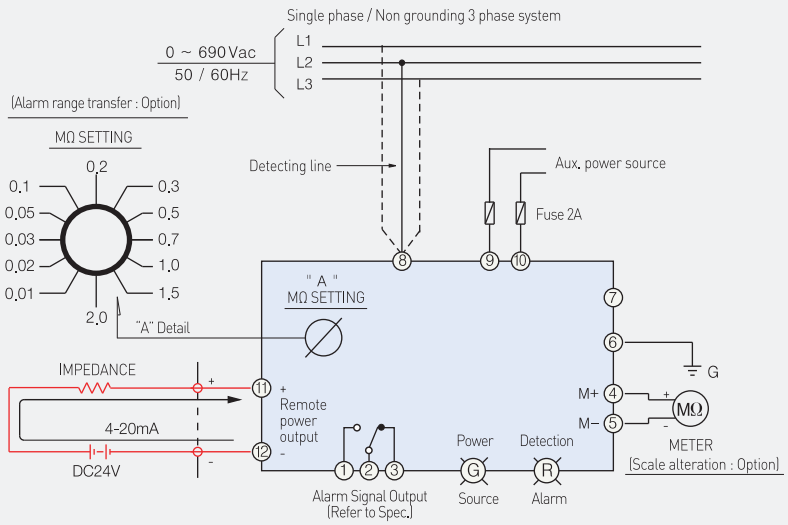
MODEL	SBAG-102A	SBAG-202A	SBAG-402A
AUX. POWER RATING	AC 110V 50/60Hz	AC 220V 50/60Hz	AC 440V 50/60Hz
RANGE OF POWER VARIATION	AC 85~135V	AC 170~270V	AC 395~485V
MAX. POWER CONSUMPTION	5VA		
INSULATION MONITORING RANGE	∞ ~5 ~0.2 ~0.05 ~0MΩ (R2 : ∞ ~50 ~0MΩ) (R5 : ∞ ~10 ~5 ~1 ~0.5 ~0MΩ)		
INSULATION VOLTAGE RANGE	AC 1P / 3 Phase 0 ~ 690V (max.)		
DETECTOR ACCURACY	±5% (0.1 ~2MΩ) ±10% (under 0.05MΩ, 2MΩ above)		
ALARM SETTING RANGE	0.01 ~ 2.0MΩ (select by 12 steps selector switch) (R2 : 0.01 ~ 5.0MΩ) (R5 : 0.2 ~ 5.0MΩ)		
ALARM DELAY TIME	3.0sec. (±0.5sec.) Reset time : 0.5sec. or less		
ALARM SIGNAL OUTPUT	5A (resistive) 2A (inductive) 30V DC 5A (resistive) 2A (inductive p.f=0.4) 125V AC 3A (resistive) 1A (inductive p.f=0.4) 250V AC		
AMBIENT TEMP.	-20°C ~ +65°C		
STORAGE TEMP.	-40°C ~ +65°C		
DIELECTRIC STRENGTH	Between terminal to cabinet 2.5KV / 1min Between 9, 10 to 6, 8 terminal 1.5KV / 1min		
REMOTE SIGNAL (MICOM CONTROL)	4 ~ 20mA current loop 0 ~ 5MΩ to 4 ~ 20mA		
METER	Refer to page 45		

CONNECTION DIAGRAM

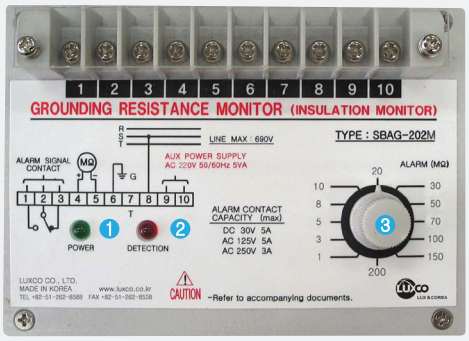
4 ~20mA SIGNAL CHARACTERISTIC CURVE





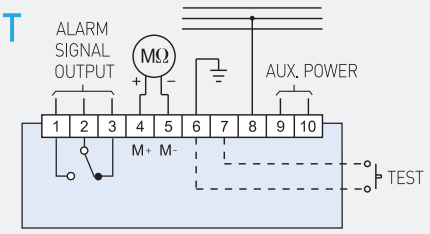


FRONT VIEW

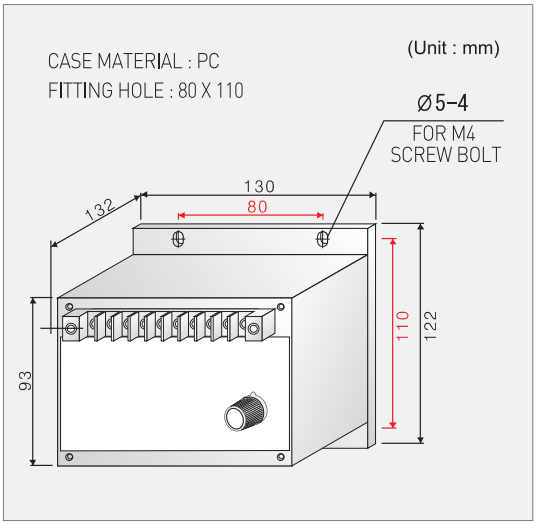


❶ Power indicating lamp (Green)
❷ Alarm indicating lamp (Red)
❸ Alarm setting (MΩ)

T.B LAYOUT



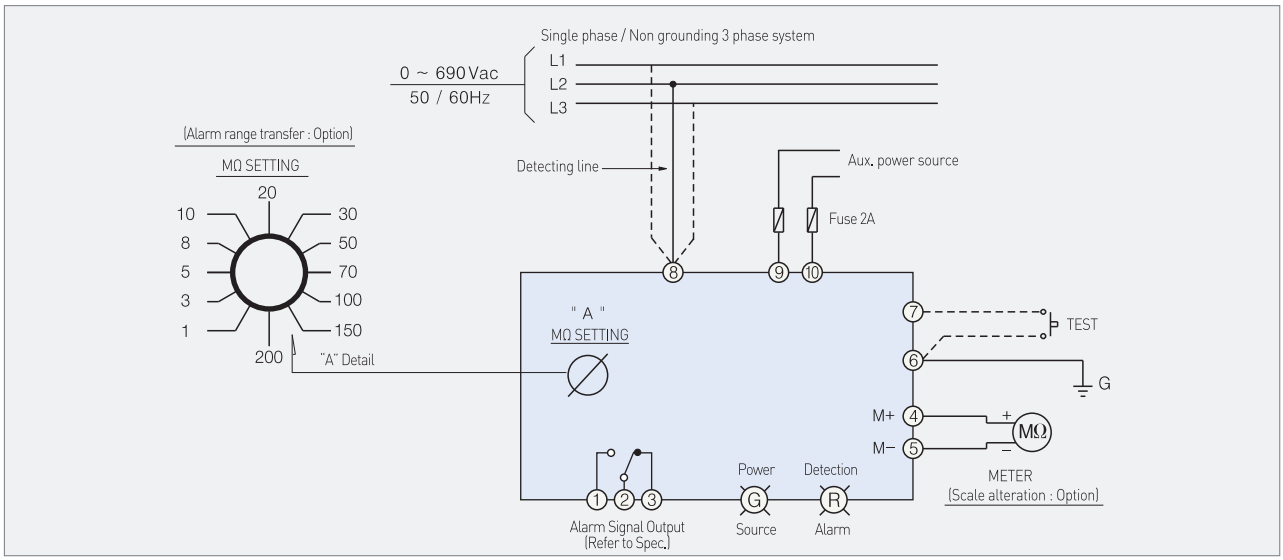
DIMENSION



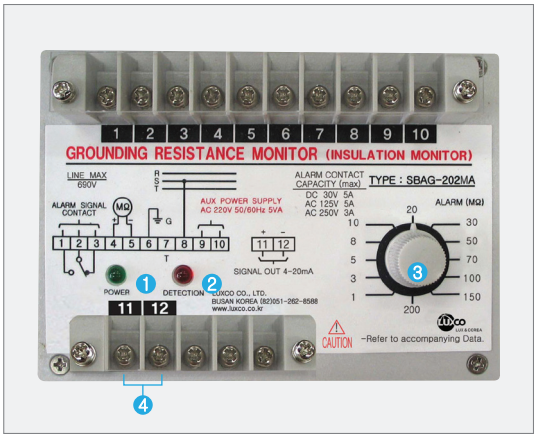
SPECIFICATIONS (HIGH MEGGER SPEC')

MODEL	SBAG-102M	SBAG-202M	SBAG-402M
AUX. POWER RATING	AC 110V 50/60Hz	AC 220V 50/60Hz	AC 440V 50/60Hz
RANGE OF POWER VARIATION	AC 85~135V	AC 170~270V	AC 395~485V
MAX. POWER CONSUMPTION	5VA		
INSULATION MONITORING RANGE	∞ ~500 ~100 ~50 ~0MΩ		
INSULATION VOLTAGE RANGE	AC 1P / 3 Phase 0 ~ 690V (max.)		
DETECTOR ACCURACY	±5% (50 ~200MΩ) ±10% (under 50MΩ, 200MΩ above)		
ALARM SETTING RANGE	1 ~ 200MΩ (select by 12 steps selector switch) (1-3-5-8-10-20-30-50-70-100-150-200)		
ALARM DELAY TIME	3.0sec, (±0.5sec.) Reset time : 0.5sec. or less		
ALARM SIGNAL OUTPUT	5A (resistive) 2A (inductive) 30V DC 5A (resistive) 2A (inductive p.f=0.4) 125V AC 3A (resistive) 1A (inductive p.f=0.4) 250V AC		
AMBIENT TEMP.	-20°C ~ +65°C		
STORAGE TEMP.	-40°C ~ +65°C		
DIELECTRIC STRENGTH	Between terminal to cabinet 2.5KV / 1min Between 9, 10 to 6, 8 terminal 1.5KV / 1min		
METER	Refer to page 45		
TEST BUTTON	Meter center (100MΩ) Indication		

CONNECTION DIAGRAM

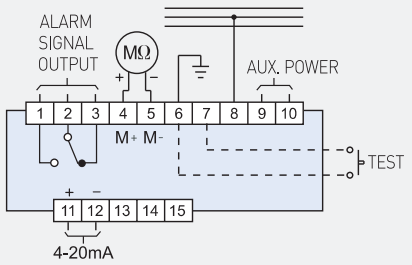


FRONT VIEW

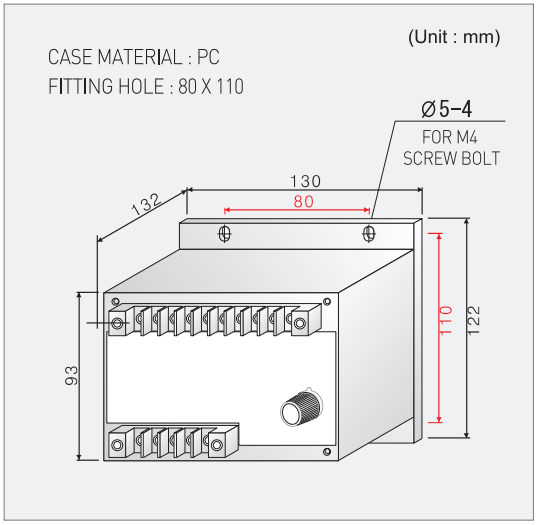


1. Power indicating lamp (Green)
2. Alarm indicating lamp (Red)
3. Alarm setting (MΩ)
4. 4~20mA power output terminal

T.B LAYOUT



DIMENSION



SPECIFICATIONS (HIGH MEGGER SPEC')

MODEL	SBAG-102MA	SBAG-202MA	SBAG-402MA
AUX. POWER RATING	AC 110V 50/60Hz	AC 220V 50/60Hz	AC 440V 50/60Hz
RANGE OF POWER VARIATION	AC 85~135V	AC 170~270V	AC 395~485V
MAX. POWER CONSUMPTION	5VA		
INSULATION MONITORING RANGE	∞ ~500 ~100 ~50 ~0MΩ		
INSULATION VOLTAGE RANGE	AC 1P / 3 Phase 0 ~ 690V (max.)		
DETECTOR ACCURACY	±5% (50 ~200MΩ) ±10% (under 50MΩ, 200MΩ above)		
ALARM SETTING RANGE	1 ~ 200MΩ (select by 12 steps selector switch) (1-3-5-8-10-20-30-50-70-100-150-200)		
ALARM DELAY TIME	3.0sec, (±0.5sec.) Reset time : 0.5sec. or less		
ALARM SIGNAL OUTPUT	5A (resistive) 2A (inductive) 30V DC 5A (resistive) 2A (inductive p.f=0.4) 125V AC 3A (resistive) 1A (inductive p.f=0.4) 250V AC		
AMBIENT TEMP.	-20°C ~ +60°C		
STORAGE TEMP.	-40°C ~ +65°C		
DIELECTRIC STRENGTH	Between terminal to cabinet 2.5KV / 1min Between 9, 10 to 6, 8 terminal 1.5KV / 1min		
REMOTE SIGNAL (MICOM CONTROL)	4 ~20mA Current loop 0 ~500MΩ to 4 ~20mA		
METER	Refer to page 45		
TEST BUTTON	Meter center (100MΩ) Indication		

CONNECTION DIAGRAM

