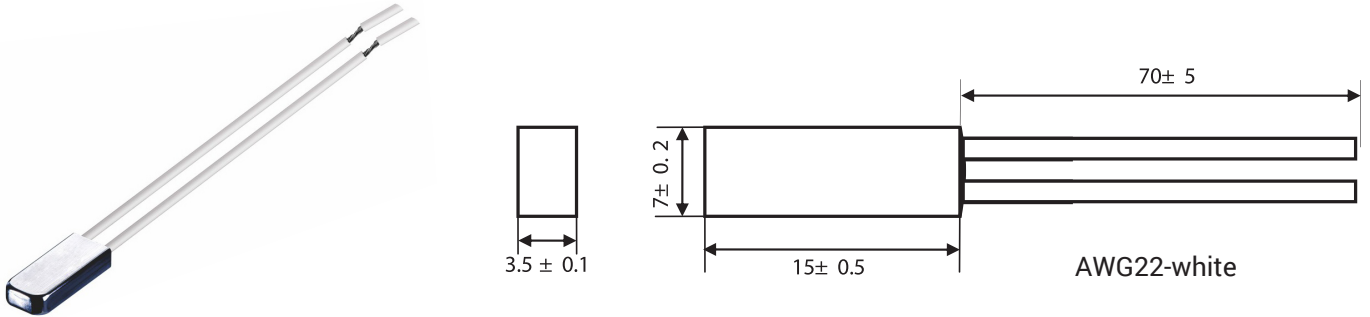


BIMETALLIC THERMOSTATS

AM03 SERIES



KEY BENEFITS

- Miniature size
- Positive make and break with snap-action disc
- Suitable for most impregnation processes

APPLICATION

- HID ballasts
- DC motor
- Battery packs
- Heating appliance
- Fractional Power Motor
- Transformer
- AC brushless motor and pump

CERTIFICATIONS

AGENCY	STANDARD NUMBER	APPLICATION
VDE	EN60730-2-9	Motor Protection
UL	ul 2111	Motor Protection

MAXIMUM CONTACT RATINGS 10000 cycles

VOLTAGE	CURRENT
250VAC	5 amperes
115VAC	8 amperes

SERIES COMPARISON

ITEM NO	CURRENT & VOLTAGE	CASE MATERIAL	OPEN TEMP. RANGE (°C)	CASE SIZE (mm)	LEAD WIRE
AM03-xxx II	250V/5A	PLASTIC	50-130	15 × 7.0 × 3.5	50-130°C 3135AWG22 70mm
AM03-xxxm II	250V/5A	METAL	50-160	15 × 6.4 × 3.1	50-150°C 3135AWG22 70mm

OPEN TEMPERATURE & RESET TEMPERATURE

MODEL	OPEN TEMP. RANGE (°C)	RESET TEMP. RANGE (°C)
45	45 ± 5	≥ 33
50	50 ± 5	≥ 35
55	55 ± 5	42 ± 6
60	60 ± 5	45 ± 8
65	65 ± 5	48 ± 10
70	70 ± 5	50 ± 12
75	75 ± 5	53 ± 14
80	80 ± 5	55 ± 15
85	85 ± 5	60 ± 15
90	90 ± 5	65 ± 15
95	95 ± 5	70 ± 15
100	100 ± 5	70 ± 15

MODEL	OPEN TEMP. RANGE (°C)	RESET TEMP. RANGE (°C)
105	105 ± 5	75 ± 15
110	110 ± 5	75 ± 15
115	115 ± 5	80 ± 15
120	120 ± 5	85 ± 15
125	125 ± 5	85 ± 15
130	130 ± 5	90 ± 15
135	135 ± 5	95 ± 15
140	140 ± 5	100 ± 15
145	145 ± 5	100 ± 15
150	150 ± 5	105 ± 15
155	155 ± 5	110 ± 15
160	160 ± 5	115 ± 15