



Category

- SWITCH
- SOCKET
- INDICATOR
- SENSOR
- ELECTRO-MODULE
- BREAKER**
- FUSE HOLDER
- FUSE
- ENCODER
- POTENTIOMETER
- CONNECTOR
- WIRE HARNESS
- BUZZER
- NEW PRODUCT

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OUR PRODUCT

[Home](#) ▶ [Our Product](#) ▶ [17AM Series](#) ▶ [17AM Series](#)

BREAKER / AUTO RESET

17AM Series (+PTC) Overload Protector for Motor Power-off Reset

PTC current overload protector with power-off reset function
 Quick-action bimetal, fast response
 Operating temperature range from 45°C to 180°C
 Normally closed & power off reset
 Wire lead can be customized according to requirements



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Feature



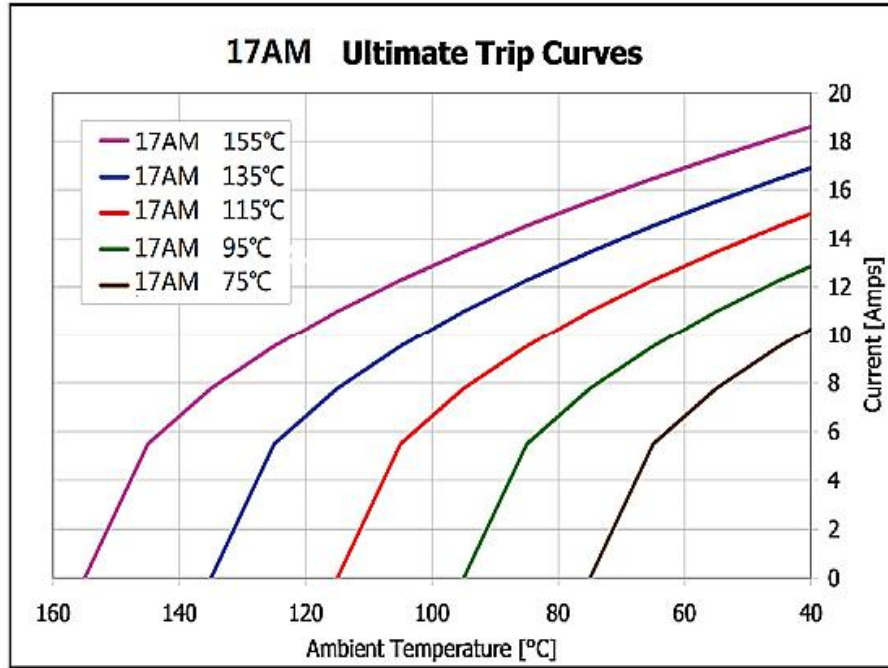
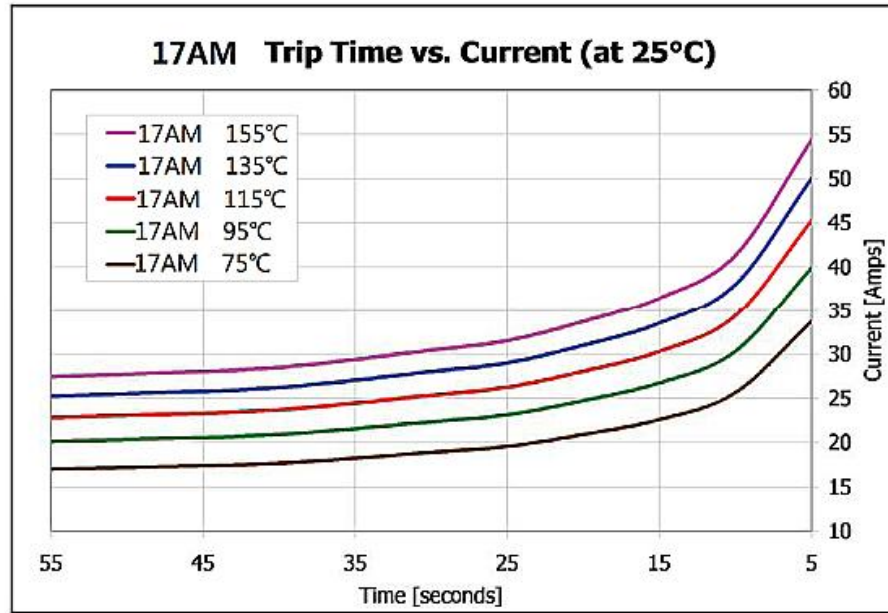
- Electrical rating: 9A/15A, DC12/DC24V/AC125V/AC250V
- Operating temperature range: 45°C ~ 180°C
- Tolerance: ± 2 , ± 3 , ± 5 , $\pm 10^\circ\text{C}$
- On-Off differential temperature: $20^\circ\text{C}\sim 60^\circ\text{C}\pm 15^\circ\text{C}$ or according to customer's requirement
- Insulation resistance: $\geq 100\text{M}\Omega$, at DC500V
- Contact resistance: $< 50\text{m}\Omega$, at DC5V / 0.25A
- Operation life: $\geq 100,000$ cycles
- Contact type: normally closed & power off reset
- Wire model: Normally with 16#, 18#, 20#, 22# silicon wire or electronic wire and custom-made acceptable
- Application: Motor, lamp, grinder, mixer, lawn mower, electrical tools, solar electric appliance, heating appliance, equipment, home appliance., etc.

Specification

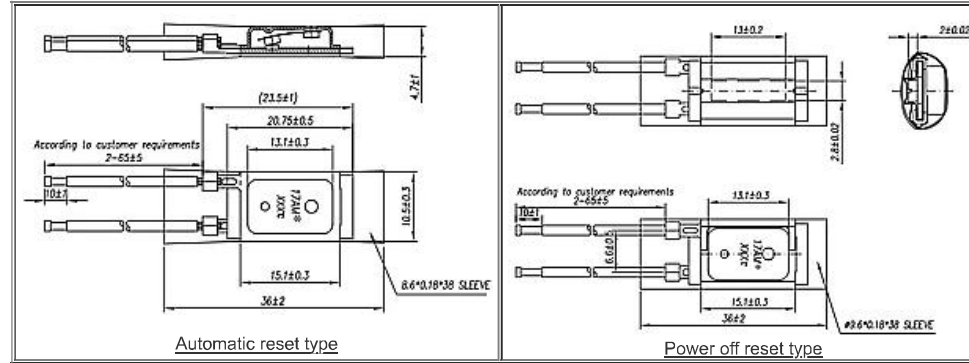
Action temperature sheet

Code No.	Action temperature	Reset temperature	Code No.	Action temperature	Reset temperature
17AM018	$55^\circ\text{C}\pm 5^\circ\text{C}$	$38^\circ\text{C}\pm 15^\circ\text{C}$	17AM031	$120^\circ\text{C}\pm 5^\circ\text{C}$	$76^\circ\text{C}\pm 15^\circ\text{C}$
17AM019	$60^\circ\text{C}\pm 5^\circ\text{C}$	$42^\circ\text{C}\pm 15^\circ\text{C}$	17AM032	$125^\circ\text{C}\pm 5^\circ\text{C}$	$79^\circ\text{C}\pm 15^\circ\text{C}$
17AM020	$65^\circ\text{C}\pm 5^\circ\text{C}$	$49^\circ\text{C}\pm 15^\circ\text{C}$	17AM033	$130^\circ\text{C}\pm 5^\circ\text{C}$	$83^\circ\text{C}\pm 15^\circ\text{C}$
17AM021	$70^\circ\text{C}\pm 5^\circ\text{C}$	$51^\circ\text{C}\pm 15^\circ\text{C}$	17AM034	$135^\circ\text{C}\pm 5^\circ\text{C}$	$86^\circ\text{C}\pm 15^\circ\text{C}$
17AM022	$75^\circ\text{C}\pm 5^\circ\text{C}$	$53^\circ\text{C}\pm 15^\circ\text{C}$	17AM035	$140^\circ\text{C}\pm 5^\circ\text{C}$	$90^\circ\text{C}\pm 15^\circ\text{C}$
17AM023	$80^\circ\text{C}\pm 5^\circ\text{C}$	$55^\circ\text{C}\pm 15^\circ\text{C}$	17AM036	$145^\circ\text{C}\pm 5^\circ\text{C}$	$94^\circ\text{C}\pm 15^\circ\text{C}$
17AM024	$85^\circ\text{C}\pm 5^\circ\text{C}$	$57^\circ\text{C}\pm 15^\circ\text{C}$	17AM037	$150^\circ\text{C}\pm 5^\circ\text{C}$	$96^\circ\text{C}\pm 15^\circ\text{C}$
17AM025	$90^\circ\text{C}\pm 5^\circ\text{C}$	$59^\circ\text{C}\pm 15^\circ\text{C}$	17AM038	$155^\circ\text{C}\pm 5^\circ\text{C}$	$101^\circ\text{C}\pm 15^\circ\text{C}$
17AM026	$95^\circ\text{C}\pm 5^\circ\text{C}$	$62^\circ\text{C}\pm 15^\circ\text{C}$	17AM039	$160^\circ\text{C}\pm 5^\circ\text{C}$	$105^\circ\text{C}\pm 15^\circ\text{C}$
17AM027	$100^\circ\text{C}\pm 5^\circ\text{C}$	$64^\circ\text{C}\pm 15^\circ\text{C}$	17AM040	$165^\circ\text{C}\pm 5^\circ\text{C}$	$108^\circ\text{C}\pm 15^\circ\text{C}$
17AM028	$105^\circ\text{C}\pm 5^\circ\text{C}$	$67^\circ\text{C}\pm 15^\circ\text{C}$	17AM041	$170^\circ\text{C}\pm 5^\circ\text{C}$	$112^\circ\text{C}\pm 15^\circ\text{C}$
17AM029	$110^\circ\text{C}\pm 5^\circ\text{C}$	$70^\circ\text{C}\pm 15^\circ\text{C}$	17AM042	$175^\circ\text{C}\pm 5^\circ\text{C}$	$116^\circ\text{C}\pm 15^\circ\text{C}$
17AM030	$115^\circ\text{C}\pm 5^\circ\text{C}$	$73^\circ\text{C}\pm 15^\circ\text{C}$	17AM043	$180^\circ\text{C}\pm 5^\circ\text{C}$	$120^\circ\text{C}\pm 15^\circ\text{C}$

Trip time characteristic curve



Product drawings



Product photos



◀ BACK



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