

## MHP-TAM Devices: MHP with Thermal Activation

### Table M1 – Electrical Characteristics for MHP-TAM15 Series

Model Number	Rating [°C]	Operation Temperature [°C]		Reset Temperature [°C]		Reference Resistance [mohms] 25°C	
	Nominal	Min	Max	Min	$\Delta T$	Typ	Max
MHP-TAM15-9-72	72	67	77	$\geq 40$	$\geq 7$	2.5	5
MHP-TAM15-9-77	77	72	82	$\geq 40$	$\geq 10$	2.5	5
MHP-TAM15-9-82	82	77	87	$\geq 40$	$\geq 10$	2.5	5
MHP-TAM15-9-85	85	80	90	$\geq 40$	$\geq 10$	2.5	5
MHP-TAM15-9-90	90	85	95	$\geq 40$	$\geq 10$	2.5	5

Maximum breaking current  $5V_{DC} / 80A$  (100 cycles)  
Contact Rating  $9V_{DC} / 25A$  (6000 cycles)

### Table M2 – Electrical Characteristics for MHP-TAM6 Series

Model Number	Rating [°C]	Operation Temperature [°C]		Reset Temperature [°C]		Reference Resistance [mohms] 25°C	
	Nominal	Min	Max	Min	$\Delta T$	Typ	Max
MHP-TAM6-9-72	72	67	77	$\geq 40$	$\geq 7$	10	15
MHP-TAM6-9-77	77	72	82	$\geq 40$	$\geq 10$	10	15
MHP-TAM6-9-82	82	77	87	$\geq 40$	$\geq 10$	10	15
MHP-TAM6-9-85	85	80	90	$\geq 40$	$\geq 10$	10	15

Maximum breaking current  $5V_{DC} / 40A$  (100 cycles)  
Contact Rating  $9V_{DC} / 12A$  (6000 cycles)  
 $\Delta T$  is the minimum temperature differential between the actual operation temperature of the device and the reset temperature

### Table M3 – Dimensions in Millimeters and Mechanical Characteristics

	A		B	C		D		E	
	Min	Max	Max	Min	Max	Min	Max	Min	Max
mm:	10.9	11.4	1.15	3.75	3.85	2.6	2.8	2.6	2.8

