

MTS 1A SPECIFICATIONS

Resistance Value	Uncertainty of Adjustment @ 20°C	Watts Max W	Current Max A	Typical Temp Coefficient
100kΩ	±0.01%	0.1	1mA	<10ppm
10kΩ	±0.01%	0.1	3mA	<10ppm
1kΩ	±0.01%	0.6	25mA	<10ppm
100Ω	±0.01%	0.6	75mA	<10ppm
19Ω	±0.01%	0.43	150mA	<10ppm
10Ω	±0.01%	0.45	212mA	<10ppm
1.9Ω	±0.01%	0.475	500mA	<10ppm
1Ω	±0.01%	0.56	750mA	<10ppm
100mΩ	±0.01%	0.525	2.5A	<10ppm
10mΩ	±0.05%	0.25	5A	<10ppm
1mΩ	±0.05%	0.1	10A	<10ppm

MTS 2 SPECIFICATIONS

Resistance Value	Uncertainty of Adjustment @ 20°C	Watts Max W	Current Max A	Typical Temp Coefficient
400kΩ	±0.01%	0.1	0.45mA	<10ppm
40kΩ	±0.01%	0.1	1.5mA	<10ppm
4kΩ	±0.01%	0.1	5mA	<10ppm
400Ω	±0.01%	0.1	15mA	<10ppm
40Ω	±0.01%	0.1	50mA	<10ppm
4Ω	±0.01%	0.1	150mA	<10ppm
400mΩ	±0.01%	0.1	500mA	<10ppm
40mΩ	±0.01%	0.1	1.5A	<10ppm
4mΩ	±0.1%	0.4	10A	<10ppm
400μΩ	±0.1%	0.04	10A	<10ppm

Working Temperature

+5 to +40°C

Storage Temperature

+5 to +50°C

Dimensions

215mm x 88mm x 250mm (W H D) approx

Mass

2.8kg approx

Terminal

4mm binding posts will accept spade tags and 4mm banana plugs. Low thermal E.M.F. types are used for the potential terminals

Switches

Combination switch with low thermal contacts for the potential selection and low resistance contacts for the current selection