

AEMC INSTRUMENTS Decade Boxes



AE213122, AE213123
AE213124, AE213125
AE213126, AE213127

FEATURES

- Rotary switch selector
- Stop position to prevent accidental switching from 10 to 1
- Male ground (earth) terminal with safety jack
- Outputs on Φ 4mm safety terminals
- Jumper leads EN61010-2-031, 150V, Cat II, 50V Cat III – Pollution Degree 2
- Accuracy 1% (Capacitance and Resistance)
- Accuracy 5% (Inductance)

SPECIFICATIONS for Resistance Decade Boxes

Model	AE213122	AE213123	AE213124	AE213125
Range Decade 1	1 to 10 Ω	1 to 10 & 3937	1 to 10 Ω	1 to 10 Ω
2	10 to 100 Ω	10 to 100 Ω	10 to 100 Ω	10 to 100 Ω
3	100 Ω to 1k Ω	100 Ω to 1k Ω	100 Ω to 1k Ω	100 Ω to 1k Ω
4	1 to 10k Ω	1 to 10k Ω	1 to 10k Ω	1 to 10k Ω
5	--	10 to 100k Ω	10 to 100k Ω	10 to 100k Ω
6	--	--	100k Ω to 1M Ω	100k Ω to 1 M Ω
7	--	--	--	1 to 10M Ω

SPECIFICATIONS for Capacitance Decade Box

Model	AE213126
Range Decade 1	0.1 to 1nF
2	1 to 10nF

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3	10 to 100nF
4	100nF to 1 μ F
5	1 to 10 μ F

SPECIFICATIONS for Inductance Decade Box

Model	AE213127		
Range Decade	Range	IDC Q	Resistance
1	1 to 10 μ H	300mA	2 Ω
2	10 to 100 μ H	200mA	5 Ω
3	100 μ to 1mH	100mA	13 Ω
4	1 to 10mH	100mA	34 Ω
5	10 to 100mH	70mA	55 Ω
6	100mH to 1H	50mA	220 Ω
7	1 to 10H	40mA	1500 Ω

CAT NO.	MODEL	DESCRIPTION
AE213122	BR04	RESISTANCE DECADE BOX
AE213123	BR05	RESISTANCE DECADE BOX
AE213124	BR06	RESISTANCE DECADE BOX
AE213125	BR06	RESISTANCE DECADE BOX
AE213126	BC05	CAPACITANCE DECADE BOX x0.1nF, x1nF, x10nF, x100nF, x1knF, 1%
AE213127	BL07	INDUCTANCE DECADE BOX x1 μ H, x10 μ H, x100 μ H, x1kuH, x10kuH, X100 μ H, x1MuH, 5%