

Capacitance Polarity & Short Checker for Electrolyte Capacitors

Model 3100

Possible optional setting of applied voltage & leak current limit by Digital Switch built in

- Charging power source built in
- Detecting current 0~2mA
- Output numbers 4 points
- Charging voltage 2V~50V (1step)
- Leak judgement display 0~1999 μ A
- Contact check function
- Judgement output GO, NG, CNG



Equipped indispensable function for polarity check of Electrolytic Capacitors.

Display of leak current value and simple setting of detecting current value & also possible short check.

RST ENGINEERING CO., LTD

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Model 3100

Detecting leak current Electrolyte Capacitors, judging polarity and output NG, GO judged signal.

By appropriate setting of Charge value and detection Current, can be expected high accurate judgement of Polarity. Detection Current value can easily set by display function of Leak Voltage value.

■ Power for charging (for preliminary charging)	Voltage : 2V ~ 50V (1V step setting by digital s/w) Output current : 0.25A max.(safeguard circuit, Voltage drop type) Output count : 4 points
■ Detecting voltage	same as charging power selection
■ Detecting current	0 ~ 20mA
■ judgement	0 ~ 1999 μ A limit setting (digital s/w)
■ Measurement time	Below 100msec
■ Input/Output	Input Start, Reset Output EOC, GO, NG & Contact NG
■ Input/Output terminal	Interface terminal (square type connector, 15P) Charge terminal (square type connector, 9P)
■ Display	Leak Current value 0 ~ 1999 Judgement GO, NG & Contact NG Input Start & Reset
■ Contact check	Existence of object to be tested (Contact check detection limit : over 1 μ F)
■ External interface power source	+24V over100mA
■ Power supply	AC 100V $\pm$ 10% 50/60Hz
■ Outer dimensions	255(W) $\times$ 90(H) $\times$ 255(D)mm (without feet and handles,legs,etc.)
■ Weight	Approx. 4kg

※ Specifications and design are subject to change without notice for improvement.



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