ESTABLE

INSPECTION REPORT

QUALITY RECORD

500VA CONTROL TRANSFORMER

OVERALL RESULT

PASS

Product reference	EST-EI-CT-500VA	Inspection date	13 Jan 2025
Customer reference	Industrial equipment OEM (anonymised)	Inspection quantity	1 piece
Product category	Control transformer	Inspection method	Sample testing
Rated power	500 VA	Input voltage	0 / 480 / 600 Vac
Output voltage	120 Vac	Inspection type	Electrical performance

Test results

Test category	Test item	Standard range	Measured	Result
Construction	Frame specification	EI133 x 60	**133 x 60**	**Pass**
Input electrical characteristics	Input voltage	AC 0 / 480 / 600 V	**/**	**Test condition**
	Input frequency	50 / 60 Hz	**/**	**Test condition**
	No-load current	≤ 50 mA	**36 mA**	**Pass**
	No-load loss	≤ 10 W	**7.8 W**	**Pass**
	Power efficiency	≥ 85%	**85.1%**	**Pass**
Output electrical characteristics	No-load output voltage	120 V ± 2%	**120.5 V**	**Pass**
	Load voltage	102 V ± 5%	**102.4 V**	**Pass**
Other electrical characteristics	Primary-to-secondary dielectric strength	2.5 kV / 2 mA	**Pass**	**Pass**
	Primary-to-secondary insulation resistance	DC 500 V ≥ 100 M□	**Pass**	**Pass**

The results above apply to the identified sample and do not constitute a product certification. Acceptance testing with different equipment may produce small measurement differences. Values outside the stated limits should be reviewed with the ESTABLE account manager before approval.

ISSUED BY

ESTABLE | Room 803B, 8/F, West Coast International Building
290-296 Un Chau Street, Cheung Sha Wan, Kowloon, Hong Kong
+852 8480 6681 | info@establecorp.com | establecorp.com

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