

X10865

Components and Spares



Transformer 2VA Dual Primary, Dual Secondary

2BLT-1, 0/240/415, 10-0-10V, 2VA

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- ✓ **Dual Primary:** 0–240V to 0–415V input range
- ✓ **Dual Secondary:** 10V–0–10V at 1.6VA output
- ✓ **Open Circuit Voltage:** 10.40V–0–10.40V
- ✓ **High Isolation:** 4kVrms between primary and secondary
- ✓ **Standard Compliance:** BS EN 61558-1
- ✓ **Compact Build:** Small footprint ideal for space-limited installations

APPLICATIONS:

- Industrial control circuits
- Signal conditioning
- Monitoring equipment
- OEM instrumentation
- Safety-isolated systems

The **T30201 Transformer** is a compact and reliable 2VA encapsulated unit designed for a wide range of low-power AC applications. Featuring dual primary windings (240V–415V @ 50/60Hz) and dual secondary outputs of 10V–0–10V at 1.6VA, it ensures consistent voltage performance with enhanced electrical isolation. Ideal for control, monitoring, and instrumentation systems, it offers **4kVrms primary-to-secondary isolation**, ensuring maximum safety.

Built in accordance with **BS EN 61558-1 standards**, this high-quality transformer is suitable for demanding environments requiring precision, reliability, and compact design.

TECHNICAL SPECIFICATIONS

Input Voltage	0–240V / 415V @ 50/60Hz
Output Voltage	10V–0–10V at 1.6VA
Isolation Voltage	4kVrms
Open Circuit Output	10.4V–0–10.4V
Dimensions (W x D x H)	55.4mm x 53.5mm x 35mm
Fixing Centres	47.5mm with Ø3.2mm holes
Weight	0.155kg

DOCUMENTS

Other documents available on request, which may be appropriate for your application:

Code	Identity	Description
P01.1	COS	UAL Conditions of Sale

It is recommended that installation and maintenance of this equipment should be done with reference to the current edition of the I.E.T. regulations (BS7671) by suitably qualified/trained personnel. The regulations contain important requirements regarding the safety of electrical equipment. For International standards refer STANDARDS on D of C.

PRODUCT CODE AND RELATED PRODUCT CODE

Product Code	Product Description
T30201	Transformer 2VA Dual Primary, Dual Secondary

YOU MUST READ THIS BEFORE INSTALLATION

 ELECTRICAL SAFETY WARNING: RISK OF ELECTRIC SHOCK Always consult the Installation & Maintenance Instructions before connecting this product to the power supply. WARNING: Disconnect Power Before Servicing Ensure the electrical supply is safely disconnected before connecting to any supply, load, or control terminals.	 INSTALLATION REQUIREMENTS WARNING: Installation by Qualified Personnel Only This product must only be installed or fitted by a competent, qualified installer familiar with the relevant electrical standards and installation practices.	 USER RESTRICTIONS WARNING: Not for Use by Vulnerable Individuals This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or instructed by a person responsible for their safety.	 USAGE ENVIRONMENT WARNING: Industrial Use Only This is an industrial-grade product and is not intended for household use.	 HOT SURFACE WARNING WARNING: Hot Surfaces On certain models, surfaces marked with this symbol become hot during use. Avoid direct contact and follow all thermal safety precautions.
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