

**EUROORANGE 50VA (25VA per Secondary) Clamp Mounted Transformers.**

All coils are manufactured to BS415 Class 2, VDE0550 Class 2 and IEC742 Class 2.  
(Without overload protection)

**Bobbin:** 30% glass reinforced Nylon 66 rated at UL94-HB with an interwinding barrier of 2.5mm thickness. Creepage between primary and secondary is 10mm minimum.

**Terminals :** Half hard brass, tinned to BS2011:Part 2.

**Shrouds :** Unreinforced Nylon 66 rated to UL94-V2.

**Wire :** Copper with a polyurethane enamel coating, rated at Class B to BS6811:3.1.

**Laminations :** Oxidised electrical steel.

**Finish :** Class B rated alkyd varnish.

**Electrical :** Input 0 - 220v - 230v - 240v for harmonised 230v supply operation at 50Hz, with tap change facility to suit local supply variations.

Magnetising Current : <100mA @ 230V

<b>Output</b>	<b>No Load Output V per Sec</b>	<b>Reg.</b>	<b>Part Number</b>	
			<b>BBH</b>	<b>Farnell</b>
0 - 4.5V, 0 - 4.5V @ 5.5A	4.9V	8%		
0 - 6V, 0 - 6V @ 4.1A	6.8V	12%		
0 - 9V, 0 - 9V @ 2.7A	9.6V	6%		
0 - 10V @ 5A	10.9V	8%		
0 - 12V, 0 - 12V @ 2A	13.5V	11%	Z3264	552-069
0 - 15V, 0 - 15V @ 1.6A	16.1V	7%	Z3265	552-070
0 - 18V, 0 - 18V @ 1.33A	20.2V	11%		
0 - 20V, 0 - 20V @ 1.2A	22.6V	11%		
0 - 24V, 0 - 24V @ 1A	26.8V	10%		

**Test :** All coils are flash tested @ 4.4kV A.C. for 6 seconds between primary and secondary, with one coil from each batch tested @ 4.0kV A.C. for 60 seconds between primary and secondary.  
Insulation resistance >50M Ohms @ 500Volts.

**Weight :** 1.0Kg.

**Manufacturer:** BBH Windings Limited,  
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# CERTIFICATE OF CONFORMITY

**BBH Windings Ltd**

An Advance International Group Company

**Customer:** Farnell Electronic Components.  
Canal Road  
Leeds  
LS12 2TU

**Customer Order No:** N/A

**Product Part No:** BBH Ref Z3264 (FEC Ref. 552 - 069)

**Product Description:** Eurorange 50VA Clamp Mounted Transformer

**Quantity:** N/A

**Delivery Note No:** N/A

**This is to certify that the products described have been  
Manufactured, Inspected and 100% Tested in accordance with the  
contractual requirements and in line with our BS EN ISO9002: 1994  
Accreditation (Certificate No. FM28371)**

**The Manufacture, Inspection and Test is controlled relevant to  
73/23/EEC and carried out to various specified requirements such as  
BS415 Class 2, VDE0550 Class 2 and IEC742 Class 2 (Without  
overload protection), which includes a 4.4kV Flash Test**

**Date:** 10<sup>TH</sup> SEPT 1997

**Signed:** *M. Jones*

**Quality Assurance Manager**



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