

## FEATURES

- High efficiency
- Low regulation design
- Varnish impregnated
- Temperature Class B
- High quality isolating transformers designed for use in general applications
- Low noise laminations
- Earth terminal provided
- Multi tapped primary winding
- 100% electrical and flash tested

## RS PRO 1kVA DIN Rail & Panel Mount Transformer, 208 V ac, 230 V ac, 380 V ac, 400 V ac, 415 V ac, 440 V ac, 460 V ac,

RS Stock No.: 123-2504



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

This series of input transformers from our trusted RS Pro brand are high quality and suitable for use in general applications. They are single phase transformers with screw connectors for universal input voltages, brackets for screw fixing or to DIN Rails. DIN Rail fixing is only for transformers up to 250 VA. These input transformers are 100% flash tested and electrical tested, and feature low noise laminations. With a fitted earth terminal, these transformers have a multi-tapped primary winding. All models are highly reliable and excellent quality.

## General Specifications

<b>Applications</b>	Medical industry, Testing power devices, where transfer power between two circuits is mandatory
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## Electrical Specifications

<b>Power Rating</b>	630VA
<b>Primary Voltage Rating</b>	208 V ac, 230 V ac, 380 V ac, 400 V ac, 415 V ac, 440 V ac, 460 V ac, 480 V ac, 500 V ac, 525 V ac, 550 V ac, 575 V ac, 600 V ac
<b>Secondary Voltage Rating</b>	2 x 115V ac
<b>Isolation</b>	5kV RMS
<b>Temperature Class</b>	B (130°)

Input Data	
<b>Minimum Operating Frequency</b>	50Hz
<b>Maximum Operating Frequency</b>	60Hz

## Mechanical Specifications

<b>Mounting Type</b>	Screw Mount
<b>Dimensions</b>	150mm x 156mm x 158mm
<b>Length</b>	150mm
<b>Width</b>	156mm
<b>Depth</b>	158mm
<b>Weight</b>	13.5kg

## Approvals

<b>Compliance/Certifications</b>	CE; RoHS
<b>Standards Met</b>	EN61558-1, EN61558-2-6, EN61558-2-4

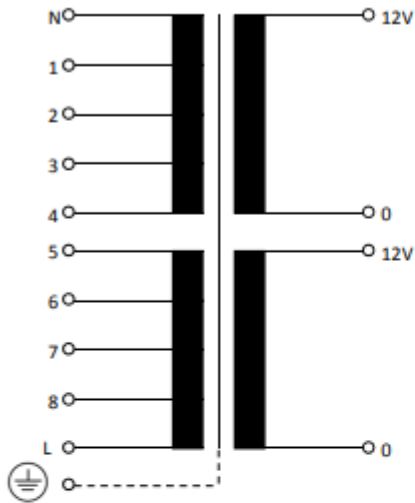


**Ordering details:**

RS Stock number	Power VA	Specification	No-load voltage	According to
1232500	100	Universal Input Transformer, 100VA, 2x115V	122.9	EN61558-2-4
1232505	100	Universal Input Transformer, 100VA, 2x12V	12.8	EN61558-2-6
1232501	250	Universal Input Transformer, 250VA, 2x115V	120.4	EN61558-2-4
1232506	250	Universal Input Transformer, 250VA, 2x12V	12.8	EN61558-2-6
1232502	400	Universal Input Transformer, 400VA, 2x115V	119.9	EN61558-2-4
1232503	630	Universal Input Transformer, 630VA, 2x115V	119.9	EN61558-2-4
1232504	1000	Universal Input Transformer, 1kVA, 2x115V	118.7	EN61558-2-4

Power	Overall Size	Fixing	Overall Size	Fixing	Weight	Rail
[VA]	L x W x H [mm]	C x D [mm]	E x F [mm]	Screw size	[kg]	
63	78 x 71 x 90	56 x 56	4.8 x 8.4	4x M4	1.3	TS35
100	84 x 86 x 95	64 x 64	4.8 x 8.4	4x M4	2	TS35
160	96 x 102 x 110	84 x 86	4.8 x 8.4	4x M4	2.9	TS35
250	96 x 102 x 110	84 x 86	4.8 x 8.4	4x M4	3,5	TS35
400	120 x 104 x 118	90 x 85	5.8 x 12	4x M5	5.3	-
630	150 x 112 x 158	122 x 90	7.0 x 15	4x M6	7.9	-
800	150 x 128 x 158	122 x 106	7.0 x 15	4x M6	9.9	-
1000	150 x 156 x 158	122 x 134	7.0 x 15	4x M6	13.5	-

### Connection diagram:



### Line connection to N-L1

Jumper	for primary:
4-5	600V
3-5	575V
2-5	550V
1-5	525V
4-6	500V
3-6	480V
2-6	460V
2-7	440V
1-7	415V
2-8	400V
1-8	380V
N-6 & L1-2	230V
N-7 & L1-1	208V

### Dimensions and fittings:

