

## FEATURES

- Primary voltage rating of 208 - 600V ac
- Secondary voltage rating of 2x12 or 2x115V ac (see order details)
- Power rating of 100 - 1000VA
- Operating frequency of 50/60Hz
- Maximum temperature of 130°C
- Isolation of 5kV RMS
- Varnish impregnated
- Low noise laminations
- Protection class IP00

## RS PRO Universal Input Panel Transformer Series



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

Single phase transformers with screw connectors for universal input voltages and brackets for screw fixing or to DIN rail\*. Designed according to the following specifications.

- High quality isolating transformers designed for use in general applications
- Low noise laminations
- Earth terminal provided
- Multi tapped primary winding
- Varnish impregnated.
- Detailed product specification on permanent label
- High efficiency, low regulation design
- 100% electrical and flash tested

\* DIN rail: Up to 250 VA

## General Specifications

<b>Number of Outputs</b>	2
<b>Output Protection Type</b>	None. Suggested fusing according to current rating.
<b>Applications</b>	Electromagnetic applications, electronic and electrical control systems, relays, pumps, speed changers, heating elements

## Mechanical Specifications

<b>Mounting Type</b>	DIN Rail for up to 250VA or Screw Mount
<b>Length</b>	84 - 150mm
<b>Width</b>	86 - 112mm
<b>Depth</b>	95 - 158mm
<b>Weight</b>	2 – 7.9kg

## Electrical Specifications

Power Rating	100 - 1000VA
Primary Voltage Rating	208 - 600V ac
Secondary Voltage Rating	2x12 or 2x115V ac (see order details)
Isolation	5kV RMS
Temperature Class	B (130°C)

Input Data	
Rated Input Voltage	208 - 600V ac
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	2x12 or 2x115V ac
Rated Power	100 - 1000VA

## Protection Category

IP Rating	IP00
-----------	------

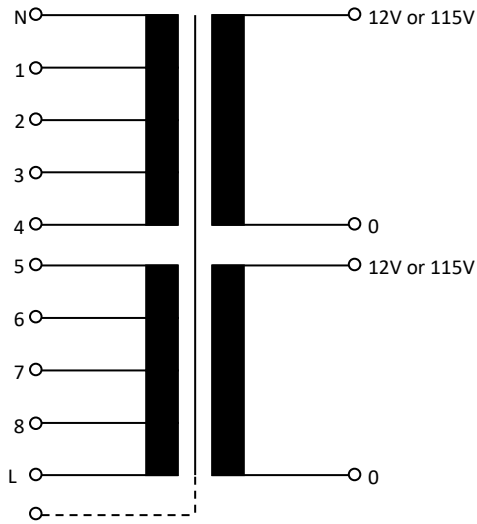
## Approvals

Declarations	MFR Declaration of Conformity
Compliance	RoHS, CE
Standards Met	IEC/BS/EN 61558-1 AS/NZS 61558.1 IEC/BS/EN 61558-2-6 or IEC/BS/EN 61558-2-4 AS/NZS 61558.2.6 or AS/NZS 61558.2.4

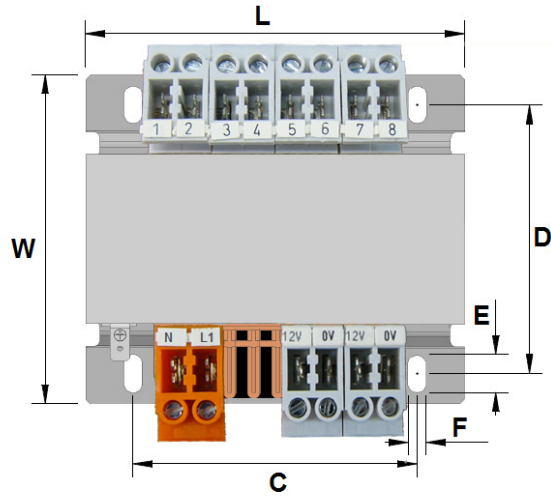
## Order Details

RS Stock number	Power VA	Specification	No-load voltage	According to
1232500	100	Universal Input Transformer, 100VA, 2x115V	122.9	IEC61558-2-4
1232505	100	Universal Input Transformer, 100VA, 2x12V	12.8	IEC61558-2-6
1232501	250	Universal Input Transformer, 250VA, 2x115V	120.4	IEC61558-2-4
1232506	250	Universal Input Transformer, 250VA, 2x12V	12.8	IEC61558-2-6
1232502	400	Universal Input Transformer, 400VA, 2x115V	119.9	IEC61558-2-4
1232503	630	Universal Input Transformer, 630VA, 2x115V	119.9	IEC61558-2-4
1232504	1000	Universal Input Transformer, 1kVA, 2x115V	118.7	IEC61558-2-4

## Mechanical Drawings



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



Power	Overall Size	Fixing	Overall Size	Fixing	Weight	DIN Rail
[VA]	L x W x H [mm]	C x D [mm]	F x E [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	-