

## FEATURES

- Panel mount transformer
- Primary voltage rating of 230 V AC
- Secondary voltage rating of 24 V AC
- Power rating of 40 VA
- Mounted by DIN rail
- Dimensions of 106 mm (L) x 90 mm (W) x 95 mm (D)
- Minimum operating frequency of 50 Hz
- Maximum operating frequency of 60 Hz
- Maximum temperature of +130°C
- Weight of 1.5 kg
- IP21 rated for protection against condensation, objects over 12 mm
- Meets standard EN 61558-1 for safe power transformers and power supplies

# RS PRO 40VA Panel Mount Transformer, 230V ac Primary, 24V ac Secondary

RS Stock No.: 880-2609



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

Use this panel mount transformer from RS PRO to isolate electrical appliances from the mains power supply. Transformers are used in a wide range of industrial environments, from factories to building sites, to protect against electrical overload and reduce the risk of electric shocks.

## General Specifications

<b>Number of Outputs</b>	1
<b>Applications</b>	Automotive engines, Household applications, Industrial machinery, Medical equipment, Telecommunications equipment

## Electrical Specifications

<b>Power Rating</b>	40VA
<b>Primary Voltage Rating</b>	230V ac
<b>Secondary Voltage Rating</b>	24V ac
<b>Isolation</b>	4kV RMS
<b>Temperature Class</b>	B (130°)

### Input Data

<b>Rated Input Voltage</b>	230VAC
<b>Switch-On Time</b>	100%
<b>Minimum Operating Frequency</b>	50Hz
<b>Maximum Operating Frequency</b>	60Hz

### Output Data

<b>Rated Output Voltage</b>	24V ac
<b>Rated Power</b>	40VA

## Mechanical Specifications

<b>Mounting Type</b>	Panel Mount
<b>Dimensions</b>	106mm x 90mm x 95mm
<b>Length</b>	106mm
<b>Width</b>	90mm
<b>Depth</b>	95mm
<b>Weight</b>	1.5kg

## Operation Environment Specifications

<b>Maximum Temperature</b>	+130°C
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## Protection Category

<b>IP Rating</b>	IP21
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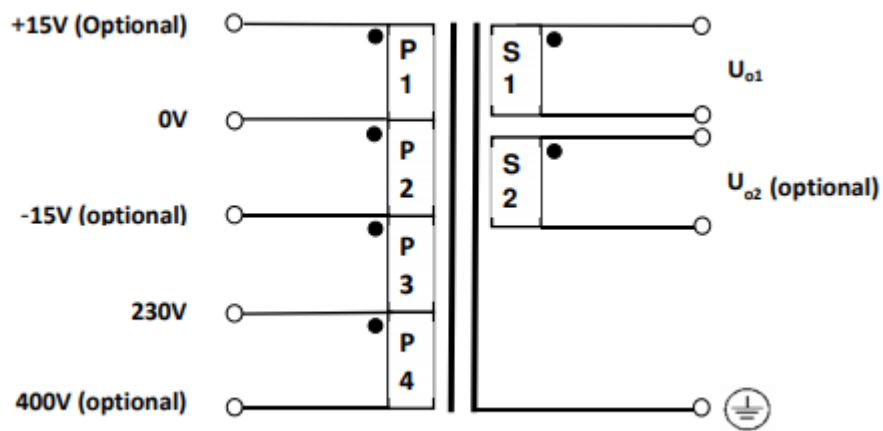
## Approvals

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





## Schematic:



## Ordering details (Continued):

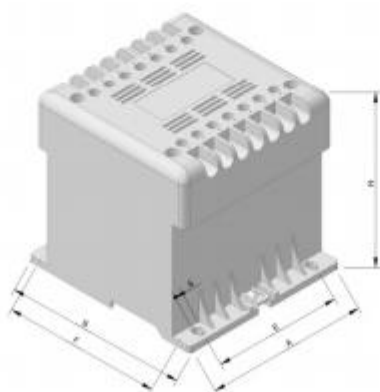
RS Stock number	Power VA	Specification	Input voltage	Output voltage	No-load voltage
8802609	40	40VA 24Vac Transformer	-15-0-15-230	24	26.1
8802558	40	DIN Rail Transformer 40VA 24-48V	-15-0-15-230-400	2 X 24	2 X 26.3
8802570	40	DIN Rail Transformer 40VA 115-230V	-15-0-15-230-400	2 X 115	2 x 124.8
8802501	40	Control Panel Transformer 40VA 2x12V	0-230-400	2 X 12	2 x 13.2
8802523	40	Control Panel Transformer 40VA 2x24V	0-230-400	2 X 24	2 x 26.3
8802514	40	Control Panel Transformer 40VA 2x115V	0-230-400	2 X 115	2 x 125.4
8802618	63	63VA 24Vac Transformer	-15-0-15-230	24	26.4
8802615	63	63VA 24Vac Single Phase Transformer	-15-0-15-230-400	24	26.4
8802567	63	DIN Rail Transformer 63VA 24-48V	-15-0-15-230-400	2 x 24	2 x 26.3
8802589	63	DIN Rail Transformer 63va 115-230V	-15-0-15-230-400	2 x 115	2 x 125.5
8802491	63	Control Panel Transformer 63VA 2x12V	0-230-400	2 x12	2 x 13.2
8802539	63	Control Panel Transformer 63VA 2x24V	0-230-400	2 x 24	2 x 26.4
8802551	63	Control Panel Transformer 63VA 115V CT	0-230-400	2 x 57.5	2 x 62.7
8802602	100	100VA 24Vac Transformer	-15-0-15-230	24	25.8
8802611	100	Control Panel Transformer 100VA 24V	-15-0-15-230-400	24	25.8
8802560	100	DIN Rail Transformer 100VA 24-48V	-15-0-15-230-400	2 x 24	2 x 25.8
8802582	100	DIN Rail Transformer 100VA 115-230V	-15-0-15-230-400	2 x 115	2 x 122.5
8802548	100	Control Panel Transformer 100VA 2x12V	0-230-400	2 x 12	2 x 12.9
8802510	100	Control Panel Transformer 100VA 2x24V	0-230-400	2 x 24	2 x 25.8
8802542	100	Control Panel Transformer 100VA 115V CT	0-230-400	2 x 57.5	2 x 61.3
8802508	100	Control Panel Transformer 100VA 2X115V	0-230-400	2 x 115	2 x 122.5
8802564	160	DIN Rail Transformer 160VA 24-48V	-15-0-15-230-400	2 x 24	2 x 25.8
8802586	160	DIN Rail Transformer 160VA 115-230V	-15-0-15-230-400	2 x 115	2 x 121.9
8802598	160	Transformer Panel Mount 24-48Vac 160VA	0-230-400	2 x 24	2 x 25.8
8802520	160	Control Panel Transformer 160VA 115V	0-230-400	2 x 57.5	2 x 61.4
8802592	160	Transformer Panel Mount 115-230Vac	0-230-400	2 x115	2 x 121.9
8802536	220	Control Panel Transformer 220VA 2x12V	0-230-400	2 x 12	2 x 12.7
8802554	220	Control Panel Transformer 220VA 2x24V	0-230-400	2 x 24	2 x 25.4
8802545	220	Control Panel Transformer 220VA 115V CT	0-230-400	2 x 57.5	2 x 60.8
8802517	220	Control Panel Transformer 220VA 2x115V	0-230-400	2 x115	2 x 121.6
8802573	250	DIN Rail Transformer 250VA 24-48V	-15-0-15-230-400	2 x 24	2 x 25.4
8802595	250	DIN Rail Transformer 250VA 115-230V	-15-0-15-230-400	2 x 115	2 x 121.9
8802532	310	Control Panel Transformer 310VA 2x12V	0-230-400	2 x 12	2 x 12.9
8802526	310	Control Panel Transformer 310VA 2x24V	0-230-400	2 x 24	2 x 25.8
8802504	310	Control Panel Transformer 310VA 230V	0-230-400	2 x 115	2 x 123.7
8802505	400	400VA 24Vac Transformer	-15-0-15-230	24	25.2
8802576	400	DIN Rail Transformer 400VA 24-48V	-15-0-15-230-400	2 X 24	2 x 25.2

Connections shown on label:



Dual secondaries (optional) to be used in parallel for double current or series connection for double voltage

Dimensions:



Power	Overall Size	Fixing	Hole size	Weight
[VA]	A x B x H [mm]	E x F [mm]	[mm]	[kg]
40	90 x 106 x 87	68.5 x 90	4 x R4.5	1.4
63	90 x 106 x 87	68.5 x 90	4 x R4.5	1.5
100	90 x 106 x 107	68.5 x 90	4 x R4.5	2.3
160	102 x 116 x 116	82 x 102	4 x R5.0	4.8
220	102 x 116 x 110	82x 102	4 x R5.0	4.9
250	96 x 116 x 127	82 x 102	4 x R5.0	5.0
310	102 x 116 x 127	96 x 121	4 x R5.5	4.2
400	126 x 136 x 117	96 x 121	4 x R5.5	5.0