

FEATURES

- Panel mount transformer
- Primary voltage rating of 230 V AC
- Secondary voltage rating of 24 V AC
- Power rating of 100 VA
- Mounted by DIN rail
- Dimensions of 106 mm (L) x 90 mm (W) x 107 mm (D)
- Minimum operating frequency of 50 Hz
- Maximum operating frequency of 60 Hz
- Maximum temperature of +130°C
- Weight of 2.3 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 100VA Panel Mount Transformer, 230V ac Primary, 24V ac Secondary

RS Stock No.: 880-2602



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

Provide yourself and your coworkers with additional protection against electric shock with this panel mount transformer from RS PRO, which also prevents electrical overload. The transformer is used to isolate electrical equipment from the mains power supply. It's a common safety feature in industrial environments such as building sites and workshops.

General Specifications

Number of Outputs	1
Applications	Automotive engines, Household applications, Industrial machinery, Medical equipment, Telecommunications equipment

Electrical Specifications

Power Rating	100VA
Primary Voltage Rating	230V ac
Secondary Voltage Rating	24V ac
Isolation	4kV RMS
Temperature Class	B (130°)

Input Data

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

Output Data

Rated Output Voltage	24V ac
Rated Power	100VA

Mechanical Specifications

Mounting Type	Panel Mount
Dimensions	106mm x 90mm x 107mm
Length	106mm
Width	90mm
Depth	107mm
Weight	2.3kg

Operation Environment Specifications

Maximum Temperature	+130°C
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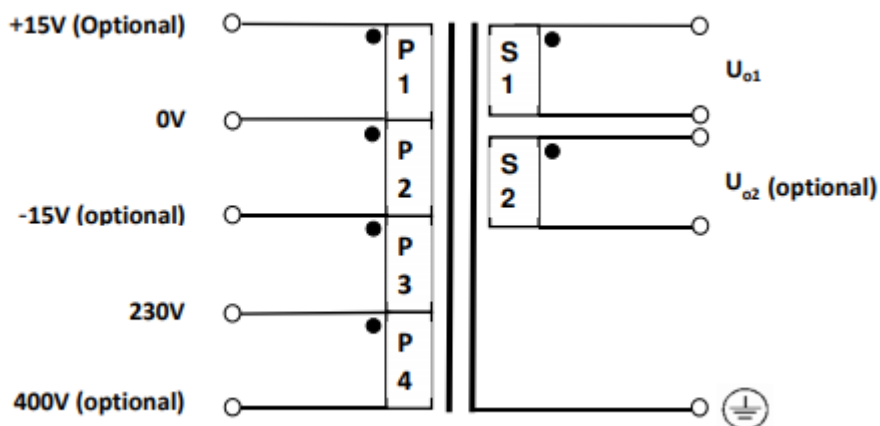
Protection Category

IP Rating	IP21
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Approvals

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

Schematic:



Ordering details (Continued):

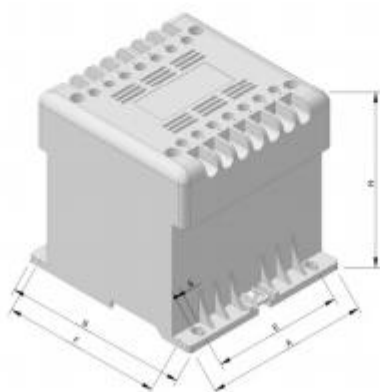
RS Stock number	Power VA	Specification	Input voltage	Output voltage	No-load voltage
8802609	40	40VA 24Vac Transformer	-15-0-15-230	24	26.1
8802558	40	DIN Rail Transformer 40VA 24-48V	-15-0-15-230-400	2 X 24	2 X 26.3
8802570	40	DIN Rail Transformer 40VA 115-230V	-15-0-15-230-400	2 X 115	2 x 124.8
8802501	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