

FEATURES

- Primary voltage rating of 230 or 400V ac
- Optional +/- 15V adjustments tappings
- Secondary voltage rating of 12V, 24V or 115V ac
- Optional dual output
- Power ratings of 40 - 400VA
- Operating frequency of 50/60Hz
- Maximum temperature of 130°C
- Isolation of 4 or 4.6kV RMS
- High efficiency, low regulation design
- Protection class IP21

RS PRO DIN Rail Control Panel Isolation Transformers IP21



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

The standard 1 phase EI panel transformers with IP21 degree of protection, DIN rail TS35 mount and screw mount sign according to the following specifications.

- High quality control, isolating and safety transformers designed for use in general applications
- Various options for primary winding
- Optional +/-15V adjustments windings
- Optional dual output to be connected for double current or double voltage
- Enclosed in box IP21
- Detailed product specification on permanent label
- High efficiency, low regulation design
- 100% electrical and flash tested

General Specifications

Number of Outputs	1 or 2
Output Protection Type	None. Suggested fusing according to current rating
Applications	Electrical control systems, panel boards, electromagnetic applications, electronic, relays, pumps, heating elements

Mechanical Specifications

Mounting Type	DIN rail
Length	106 - 136mm
Width	90 - 126mm
Depth	87 - 127mm
Weight	1.4 - 5kg

Electrical Specifications

Power Rating	4 – 400VA
Primary Voltage Rating	230 or 400V ac
Secondary Voltage Rating	12 or 24V ac
Isolation	4 or 4.6kV RMS
Temperature Class	B (130°C)

Input Data	
Rated Input Voltage	230 or 400V ac (optional adjusting tapings)
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	12V, 24V or 115V ac (optional dual output)
Rated Power	40 - 400VA

Protection Category

IP Rating	IP21
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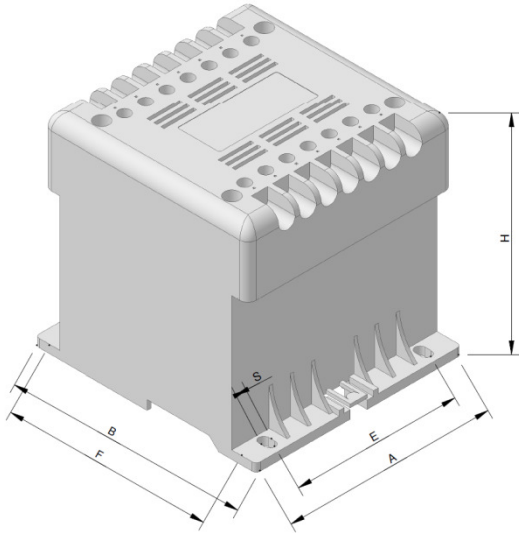
Approvals

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

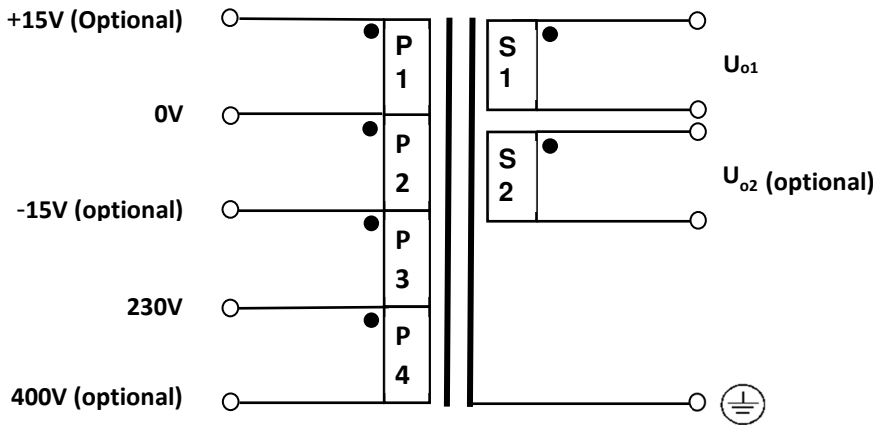
Order Details

RS Stock number	Power VA	Specification	Input voltage	Output voltage	No-load voltage +/-3%
8802609	40	40VA 24Vac Transformer	-15-0-15-230	24	26.1
8802558	40	DIN Rail Transformer 40VA 24-48V	-15-0-15-230-	2 X 24	2 X 26.3
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-	2 x 24	2 x 26.3
8802589	63	DIN Rail Transformer 63va 115-230V	-15-0-15-230-	2 x 115	2 x 125.5
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-	24	25.8
8802560	100	DIN Rail Transformer 100VA 24-48V	-15-0-15-230-	2 x 24	2 x 25.8
8802582	100	DIN Rail Transformer 100VA 115-230V	-15-0-15-230-	2 x 115	2 x 122.5
8802510	100	Control Panel Transformer 100VA 2x24V	0-230-400	2 x 24	2 x 25.8
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-	2 x 24	2 x 25.8
8802598	160	Transformer Panel Mount 24-48Vac	0-230-400	2 x 24	2 x 25.8
8802592	160	Transformer Panel Mount 115-230Vac	0-230-400	2 x115	2 x 121.9
8802554	220	Control Panel Transformer 220VA 2x24V	0-230-400	2 x 24	2 x 25.4
8802573	250	DIN Rail Transformer 250VA 24-48V	-15-0-15-230-	2 x 24	2 x 25.4
8802505	400	400VA 24Vac Transformer	-15-0-15-230	24	25.2
8802576	400	DIN Rail Transformer 400VA 24-48V	-15-0-15-230-	2 X 24	2 x 25.2

Mechanical Drawings



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



Power	Overall Size	Fixing	Hole size	Weight
[VA]	A x B x H [mm]	E x F	[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