

# Datasheet

## DIN Rail control Panel isolation Transformers IP21

# RS PRO

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

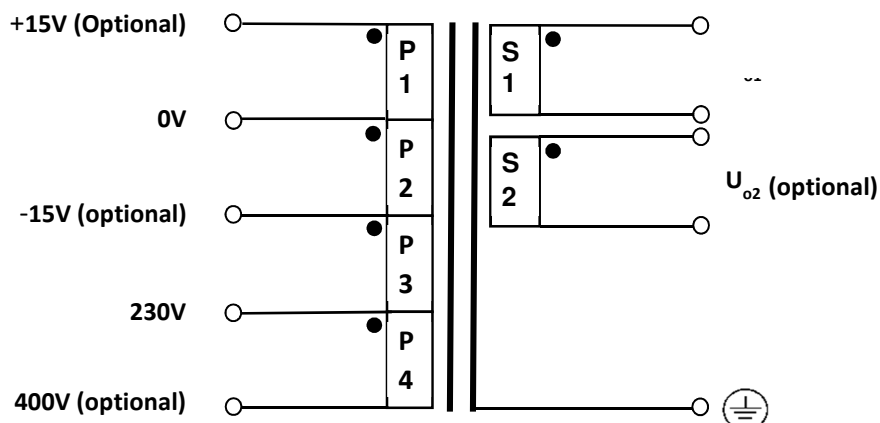


### Specifications

Power:	40–400 VA
Frequency:	50/60 Hz
Primary:	Nominal +/-10%
Secondary:	See ordering details
Construction:	Class I
Protection:	IP21
Isolation:	4kV or 4.6 kV RMS
Temp. Class:	B (130°)
According to:	BS/EN 61558-1, AS/NZS 61558.1 and BS/EN 61558-2-6, AS/NZS 61558.2.6 or BS/EN 61558-2-4 AS/NZS 61558.2.4 IEC 61558-1, IEC 61558-2-6 or IEC 61558-2-4



### Schematic:





Ordering details:

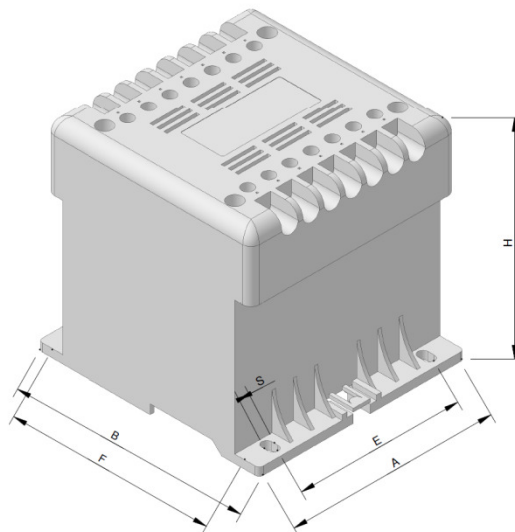
RS Stock number	Power VA	Specification	Input voltage	Output voltage	No-load voltage +/-3%
8802609	40	40VA 24Vac Transformer	-15-0-15-230	24	26.1
8802558	40	DIN Rail Transformer 40VA 24-48V	-15-0-15-230-400	2 X 24	2 X 26.3
8802570	40	DIN Rail Transformer 40VA 115-230V	-15-0-15-230-400	2 X 115	2 x 124.8
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
8802605	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