

# 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

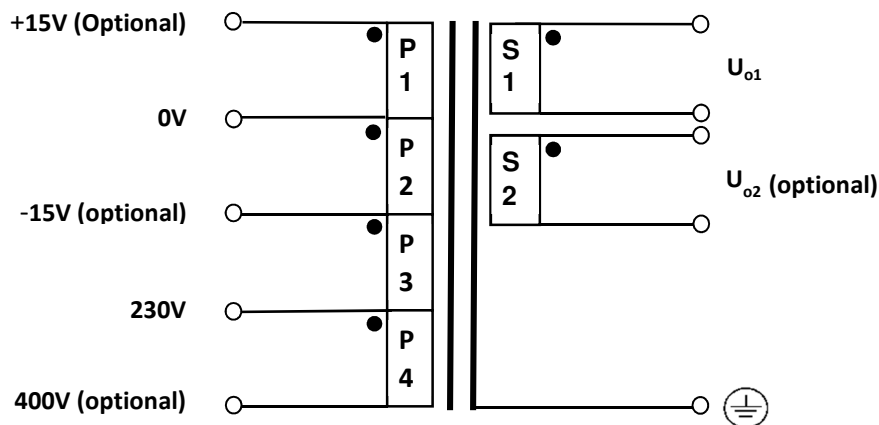


### Specifications

|                |                      |
|----------------|----------------------|
| Power:         | 40–400 VA            |
| Frequency:     | 50/60 Hz             |
| Primary:       | See ordering details |
| Secondary:     | See ordering details |
| Construction:  | Class I              |
| Isolation:     | 4kV or 4.6 kV RMS    |
| Temp. Class:   | B (130°)             |
| According to:: | 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        |

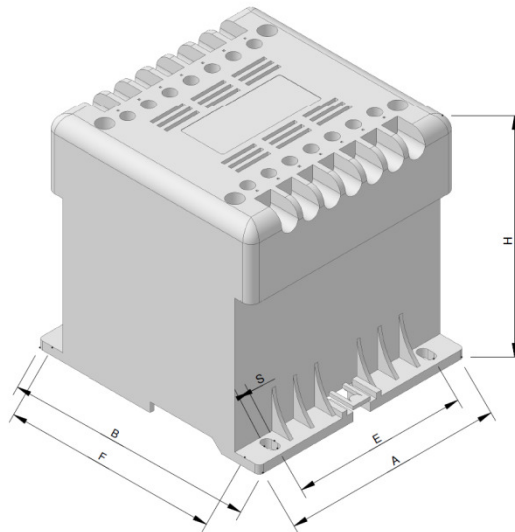
Subject to errors and changes in data sheets.

**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    |