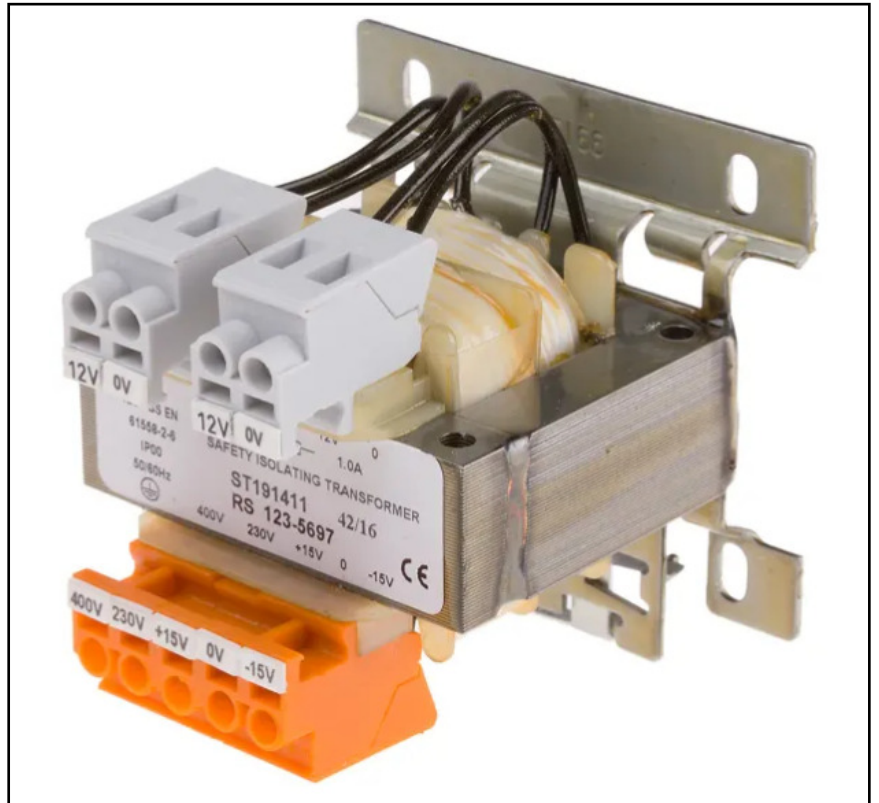


FEATURES

- Primary voltage rating of 230 - 400V ac
- Secondary voltage rating of 2x12V or 2x115V
- Power rating of 25 - 2500VA
- Operating frequency of 50/60Hz
- Maximum temperature of 130°C
- Isolation of 5kV RMS
- Low noise laminations
- Varnish impregnated
- Protection class IP00
- DIN Rail clips up to 250VA

RS PRO DIN Rail Panel Isolation Transformers



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

Single phase transformers with screw connectors for multiple input and brackets for screw fixing or to DIN rail*. Designed according to the following specifications.

- High quality safety and isolating transformers
- designed for use in general applications
- Low noise laminations
- 2 section bobbin for full separation between primary and secondary winding**.
- Earth terminal provided
- Standard primary winding 0-230-400VAC with a +/- 15V adjustment possibility around 0.
- Varnish impregnated
- Detailed product specification on permanent label
- High efficiency, low regulation design
- 100% electrical and flash tested

*) *DIN rail: Up to 250 VA*

**) *2 section bobbin: Up to 1000VA*

General Specifications

Number of Outputs	2
Output Protection Type	None. Suggested fusing according to current rating
Applications	Electrical control panels, electromagnetic applications, electronic and electrical control systems, relays, pumps, heating elements

Mechanical Specifications

Mounting Type	DIN rail up to 250VA and Chassis Mounting
Length	66 - 192mm
Width	56 - 172mm
Depth	88 - 175mm
Weight	0.6 - 26kg

Electrical Specifications

Input Data	
Rated Input Voltage	230 - 400V ac
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	2x12V or 2x115V
Rated Power	25 - 2500VA

Power Rating	25 - 2500VA
Primary Voltage Rating	230 - 400V ac
Secondary Voltage Rating	2x12V or 2x115V
Isolation	5kV RMS
Temperature Class	B (130°C)

Protection Category

IP Rating	IP00
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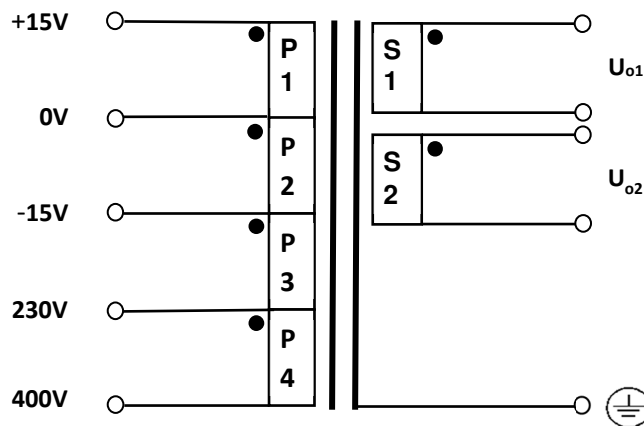
Approvals

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

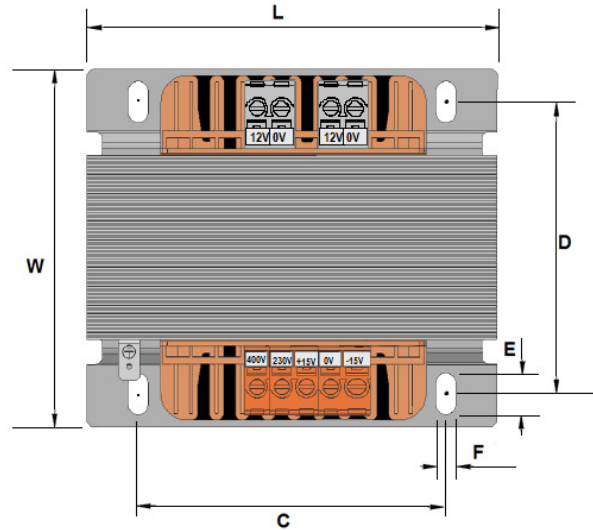
Order Details

RS Stock number	Power VA	Specification	No-load voltage	According to
1235697	25	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.5V	IEC61558-2-6
1235699	40	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.4V	IEC61558-2-6
1234138	63	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	130.1V	IEC61558-2-4
1234140	100	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	123.8V	IEC61558-2-4
1234139	100	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.1V	IEC61558-2-6
1234143	160	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	121.9V	IEC61558-2-4
1234142	160	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	12.7V	IEC61558-2-6
1234145	250	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	122.1V	IEC61558-2-4
1234144	250	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	12.5V	IEC61558-2-6
1234146	400	Isolation transformer, -15-0-15-230-400V, 2x115V	121.6V	IEC61558-2-4
1234238	500	Isolation transformer, -15-0-15-230-400V, 2x115V	121.1V	IEC61558-2-4
1234148	500	Isolation transformer, -15-0-15-230-400V, 2x12V	12.5V	IEC61558-2-6
1234239	800	Isolation transformer, -15-0-15-230-400V, 2x115V	120.5V	IEC61558-2-4
1234240	1000	Isolation transformer, -15-0-15-230-400V, 2x115V	119.6V	IEC61558-2-4
1234241	1600	Isolation transformer, -15-0-15-230-400V, 2 x 115V	118.2V	IEC61558-2-4
1234242	2000	Isolation transformer, -15-0-15-230-400V, 2x115V	117.7V	IEC61558-2-4
1234243	2500	Isolation transformer, -15-0-15-230-400V, 2x115V	117.7V	IEC61558-2-4

Schematic:



Mechanical Drawings



Power	Overall Size	Fixing	Fixing	Weight	Rail
[VA]	L x W x H [mm]	C x D [mm]	E x F [mm]	[kg]	
25	66 x 56 x 88	50 x 44,5	M4	0.6	TS35
40	66 x 66 x 88	50 x 55	M4	0.9	TS35
63	78 x 60 x 94	56 x 48	M4	1.2	TS35
100	84 x 76 x 100	64 x 63	M4	2.1	TS35
130	96 x 79 x 110	84 x 63	M5	2.5	TS35
160	96 x 89 x 110	84 x 73	M5	2.9	TS35
250	96 x 105 x 110	84 x 90	M5	3.7	TS35
320	120 x 91 x 125	90 x 73	M5	4.2	-
400	120 x 104 x 125	90 x 85	M5	5.2	-
500	120 x 124 x 125	90 x 106	M5	6.9	-
630	150 x 112 x 152	122 x 90	M6	7.8	-
800	150 x 128 x 152	122 x 106	M6	10	-
1000	150 x 156 x 152	122 x 134	M6	12.8	-
1600	174 x 169 x 160	135 x 136	M6	21,1	-
2000	192 x 172 x 175	155 x 130	M10	24,6	-
2500	192 x 172 x 175	155 x 150	M10	26	-

Subject to errors and changes in data sheets. D4856191