

Datasheet

DIN Rail Panel Isolation Transformers

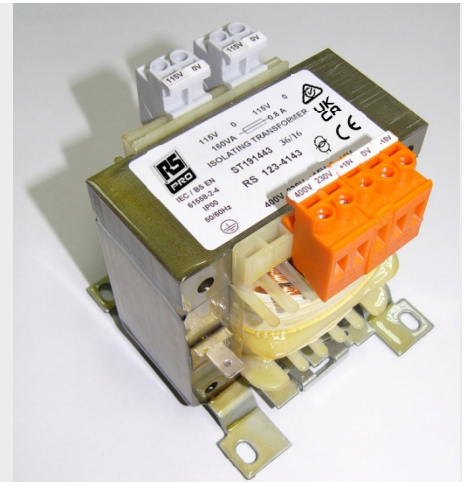
RS Pro

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



Specifications

Power: 25 – 2500 VA
 Frequency: 50/60 Hz
 Primary: -15-0-15-230-400V +/-10%
 Secondary: 2x12V or 2x115V
 Protection Class I
 IP rating IP00
 Isolation: 5kV 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



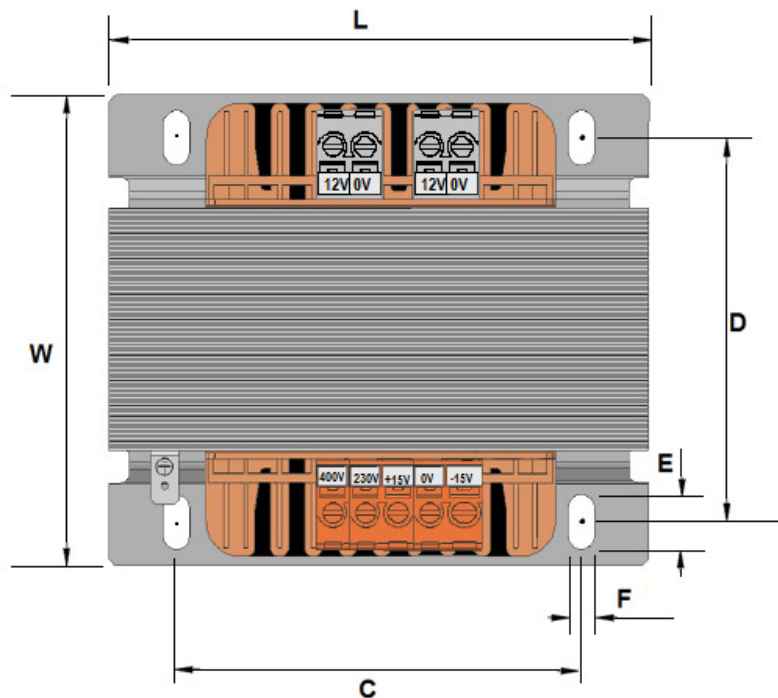
Ordering details:

RS Stock number	Power VA	Specification	No-load voltage	According to
1235697	25	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.5V	EN61558-2-6
1235699	40	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.4V	EN61558-2-6
1234138	63	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	130.1V	EN61558-2-4
1234137	63	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.6V	EN61558-2-6
1234140	100	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	123.8V	EN61558-2-4
1234139	100	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	13.1V	EN61558-2-6
1234141	130	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	12.9V	EN61558-2-6

Ordering details (continued):

RS Stock number	Power VA	Specification	No-load voltage	According to
1234143	160	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	121.9V	EN61558-2-4
1234142	160	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	12.7V	EN61558-2-6
1234145	250	Isolation transformer, DIN, -15-0-15-230-400V, 2x115V	122.1V	EN61558-2-4
1234144	250	Isolation transformer, DIN, -15-0-15-230-400V, 2x12V	12.5V	EN61558-2-6
1234146	400	Isolation transformer, -15-0-15-230-400V, 2x115V	121.6V	EN61558-2-4
1234238	500	Isolation transformer, -15-0-15-230-400V, 2x115V	121.1V	EN61558-2-4
1234148	500	Isolation transformer, -15-0-15-230-400V, 2x12V	12.5V	EN61558-2-6
1234239	800	Isolation transformer, -15-0-15-230-400V, 2x115V	120.5V	EN61558-2-4
1234240	1000	Isolation transformer, -15-0-15-230-400V, 2x115V	119.6V	EN61558-2-4
1234241	1600	Isolation transformer, -15-0-15-230-400V, 2 x 115V	118.2V	EN61558-2-4
1234242	2000	Isolation transformer, -15-0-15-230-400V, 2x115V	117.7V	EN61558-2-4
1234243	2500	Isolation transformer, -15-0-15-230-400V, 2x115V	117.7V	EN61558-2-4

Dimensions and fittings:





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	-