

Walsall Tx

RS RANGE OF SAFETY/ISOLATING TRANSFORMERS

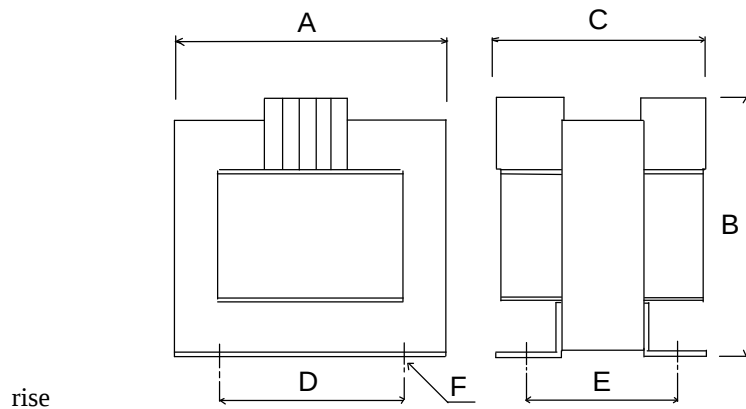
	VA	A	B	C	Dimensions (mm)			Fixings (mm)
					D	E	F	Weight (Kg)
→	50	84	91	84	64	64	4.5	1.9
→	100	84	91	97	64	72	4.5	2.5
→	150	108	110	90	84	72	6.5	3.5
→	200	108	110	114	84	92	6.5	5
→	300	120	130	143	90	106	6.5	6.9
→	500	120	130	143	90	106	6.5	7.5
→	1000	150	155	175	122	132	7	14.6

Information:

- High quality safety and isolating transformers designed for use in control circuits and general applications.
- Low loss/noise laminations.
- Dual standard primary winding 230/400V ac with +15V tap for input flexibility.
- Dual secondaries centre tapped. Earth terminal provided.
- Varnish impregnated for overall protection against humidity and rusting.
- Fully shrouded cage clamp terminals with voltage markings
- Detailed product specification on permanent label.
- High efficiency, low regulation design.
- Designed and manufactured to conform to BS EN 61558 (EN 60742).
- 100% electrical and flash tested.

Technical Information:

Input: +15-0-230-400V Single phase 50/60Hz
Construction: Class 1
Insulation: Class 130.C
Isolation: 4KV flash test primary/secondary
Temperature: 35.C ambient, 85.C full load



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Flash Test	Primary/Secondary: 4KV for 6 seconds 100% test
	Primary/Core: 4KV for 6 seconds 100% test
	Secondary/Core: 2KV for 6 seconds 100% test
Overpotential Test	460V @ 500 Hz applied to 230V primary (Type test only)
Winding Resistance	Batch test
Magnetising Current	100% test
Earth Continuity	100% test
Open Circuit Sec. Volts	+/-5% tolerance, 100% test

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VA	Sec. Volts at full load	Sec.Resist Ohms @ 20.C	Pri.Resist(230V) Ohms @ 20.C	Pri.Resist(400V) Ohms @ 20.C	Iron Loss (W) @ no load	Total Loss (W) @ full load	Regulation % Typ. @ full load
50	12-0-12	0.61	27	48	4.7	9.5	9
50	24-0-24	2.2	27	48	4.7	9.5	9
50	55-0-55	9.8	27	48	4.7	9.5	9
50	230	33	27	48	4.7	9.5	9
100	12-0-12	0.23	14	25	6	15.5	7.5
100	24-0-24	1.1	14	25	6	15.5	7.5
100	55-0-55	5.3	14	25	6	15.5	7.5
100	230	17.5	14	25	6	15.5	7.5
150	12-0-12	0.13	7	17.8	10	17.5	6
150	55-0-55	2.6	7	17.8	10	17.5	6
200	12-0-12	0.09	4.6	11.2	13	23	4
200	24-0-24	0.32	4.6	11.2	13	23	4
200	55-0-55	1	4.6	11.2	13	23	4
200	230	5.3	4.6	11.2	13	23	4
300	12-0-12	0.051	3.2	6.8	17	34	5
300	24-0-24	0.2	3.2	6.8	17	34	5
300	55-0-55	0.93	3.2	6.8	17	34	5
500	55-0-55	0.38	1.9	4.2	18	38	2.5
500	230	2	1.9	4.2	18	38	2.5
1000	55-0-55	0.14	0.54	1.4	35	61	2
1000	230	0.62	0.54	1.4	35	61	2

Flash Test	Primary/Secondary: 4KV for 6 seconds 100% test
	Primary/Core: 4KV for 6 seconds 100% test
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Winding Resistance	Batch test
Magnetising Current	100% test
Earth Continuity	100% test
Open Circuit Sec. Volts	+/-5% tolerance, 100% test