

R-type Single-phase, Three-phase (SR) Transformer

LI020V11/2016

1. Features:

R-type transformer is a rookie in dry-type transformer products. The iron core is made of high-quality oriented cold-rolled silicon steel strips of different widths and rolled into a round waist, and the cross-section is round, so it can be wound without cutting. Therefore, the transformer thus manufactured has no noise, small flux leakage, small no-load current, low iron loss, and high efficiency; and because the coil is cylindrical, the length of copper wire per turn is short, so the internal resistance is small and the copper loss is low. , low temperature rise, small overload fluctuation, and better explosive power than toroidal transformers; in addition, the primary and secondary coils are wound separately with skeletons made of flame-retardant PBT engineering plastics, so that they have high electrical strength and good flame retardancy. R-type transformers are being favored by more and more electronic industries with their novel and unique structure and excellent electromagnetic properties. Especially suitable for medical equipment, display equipment, audio equipment, office equipment.

2. Specifications:

①R type single phase transformer

The R-type transformers produced by our company have 20 specifications from R0 5 to R 75 00 , and the power covers 5 to 7 500W; the input and output characteristics can be customized according to user requirements; Install the plug according to the user's requirements; see Figure 1 for its outline, and see Table 1 for its outline and installation dimensions.

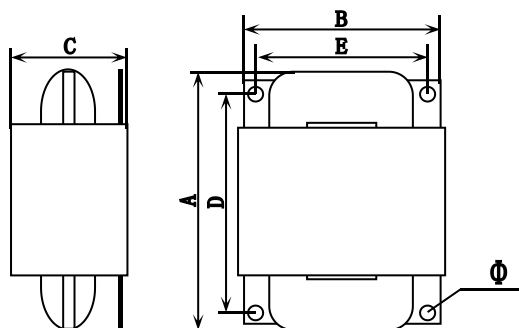


Figure 1

Table 1:

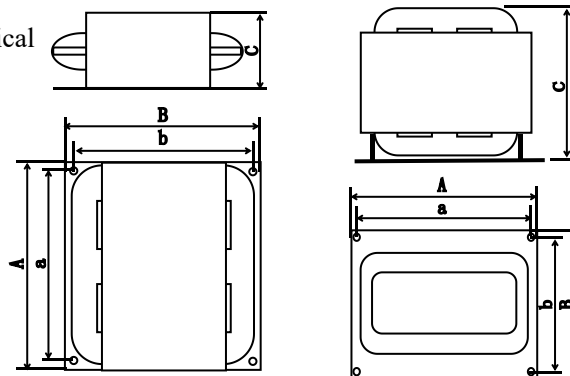
R. No	A	B	C	D.	E.	Φ	VA	kg	Remark
R.05	61	49	30	45	35	Φ 3.3	~ 6	0.21	
R.08	69	58	35	53	44	Φ4	~8	0.3	
R.10	75	61	37	55	45	Φ4	~15	0.4	
R.20	79	70	39	70	55	Φ4	~28	0.5	
R.30	94	77	42	70	60	Φ5	25~40	0.7	
R.40	96	80	44	70	60	Φ5	35~55	0.9	
R.50	99	92	48	75	65	Φ5	45~65	1.0	
R.80	122	90	52	90	70	Φ5	70~100	1.4	
R.100	123	103	55	100	80	Φ5	90~130	1.7	
R.160	138	115	63	100	85	Φ5	150~200	2.6	
R.260	154	121	66	130	95	Φ5	200~300	3.1	
R.320	162	128	70	135	95	Φ6	280~380	3.8	
R.600	183	145	85	142	100	Φ8	380~650	6.5	
R.1K	221	172	99	180	140	Φ8	650~1200	10.5	
R.1.5k	237	191	102	190	152	Φ7	1200~1500	14	
R.2k	251	197	111	185	160	Φ7	1500~2000	16.5	
R.3k	275	231	128	200	180	Φ7	2000~3000	23.5	
R.5k	260	151	384	185	117	Φ10	3000~5000	42	Vertical
R.6.3k	280	171	448	205	122	Φ11	5000~6300	44	Vertical
R.7.5k	400	340	200	305	220	Φ110	6300~7500	46	Horizontal Installation

②R-type three-phase transformer:

Type R three-phase (SR) transformers are available in various sizes, with wide power ranges and terminal connections. See the figure on the right for its shape , and see Table 2 for its shape and installation dimensions. **Table 2:**

Specifications (VA)	Installation form	Dimensions (mm) (tolerance ± 1)			Installation Size (mm) (tolerance ± 1)			Weight (kg)	Remark
		A length	B width	C height	a hole distance	b Hole distance	Φ		
SR60	Horizontal	120	95	50	95	85	4- Φ 4	1.2	Flexible Wire Leads
SR120	Horizontal	127	138	63	118	100	4- Φ 5	1.36	Baseboard Mounting
	Vertical	144	49	156	134	44			
SR150	Horizontal	127	158	66	100	105	4- Φ 5	1.64	
	Vertical	160	57	157	148	44			
SR250	Horizontal	165	189	82	110	111	4- Φ 5	2.01	
	Vertical	172	60	171	160	46			
SR400	Horizontal	176	186	72	154	120	4- Φ 6	2.62	
	Vertical	189	62	186	175	46			
SR500	Horizontal	187	198	75	170	130	4- Φ 6	3.14	
	Vertical	210	67	230	195	52			
SR700	Horizontal	186	212	143	180	140	4- Φ 8	4.52	
	Vertical	217	75	223	205	560			
SR900	Horizontal	198	220	141	190	145	4- Φ 8	6.1	
	Vertical	220	80	248	205	56			
SR1.2k	Horizontal	213	203	147	210	155	4- Φ 8	7.57	
	Vertical	236	90	268	220	65			
SR1.5k	Horizontal	237	260	153	220	175	4- Φ 8	8.61	
	Vertical	275	92	260	257	72			
SR2k	Horizontal	310	250	110	274	230	4- Φ 7	16.5	
	Vertical	310	132	305	274	84			
SR3k	Horizontal	315	280	120	260	185	4- Φ 7	23.5	
	Vertical	315	118	326	280	88			
SR5k	Horizontal	360	253	220	300	231	4- Φ 9	42	
	Vertical	360	144	340	330	105			
SR7.5k	Vertical	388	160	384	313	117	4- Φ 9	64	
SR10k	Vertical	410	167	416	310	122	4- Φ 11	68	

Figure 2: Horizontal Vertical



③ Others: In addition to the above standard specifications, our company can also provide R-type transformers with special requirements.