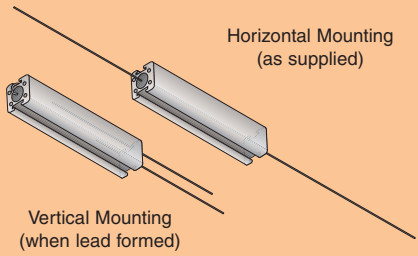


EUROHM type SV Series

Industry standard axial lead wirewound power resistors suitable for horizontal mounting or, vertical mounting when the longest lead is formed alongside the body. Housed in flameproof ceramic cases with a glass fibre core, the devices are very effective at withstanding high overload currents. Choice of 4W, 7W, 11W or 17W rating each with a resistance tolerance of 5%. Supplied loose.



- ◆ Choice of 4W, 7W, 11W or 17W rating
- ◆ Withstand high overload currents
- ◆ Flameproof ceramic casing
- ◆ Industry standard body sizes
- ◆ Horizontal (or vertical) mounting
- ◆ E12 range from 0R1 (4W) to 68K (17W)
- ◆ Supplied loose

Specification	SV4	SV7B	SV11	SV17
Power rating	4 Watt	7 Watt	11 Watt	17 Watt
	at 70°C, derate to zero at 275°C			
Resistance tolerance	±5%			
Temperature coefficient (over -20°C to +120°C)	±40 to ±500ppm/°C (dependent on resistance value)			
Operating temperature range	-40°C to +155°C			
Max working voltage	$\sqrt{P \times R}$ where P = power rating at 70°C, R = resistance value			
Insulation voltage	2000Vac			
Insulation resistance	≥1000MΩ			
Test performance (resistance stability)				
Short term overload	±(2% +0.05R)			
Damp heat cycling	±(3% +0.05R)			
Endurance, 1000 hours	±(3% +0.05R)			

Dimensions (mm)

Alpha-numeric resistance code printed on body

Rating	X	Y	Z	l
4 Watt	20	7	8	55
7 Watt	38	7	8	75
11 Watt	50	9	10	85
17 Watt	75	9	10	110

4 Watt - Type SV4 ORDER CODES

Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code
0R10	041108	1R0	041109	10R	041100	100R	041101	1K0	041102
0R12	041128	1R2	041129	12R	041120	120R	041121	1K2	041122
0R15	041158	1R5	041159	15R	041150	150R	041151	1K5	041152
0R18	041188	1R8	041189	18R	041180	180R	041181	1K8	041182
0R22	041228	2R2	041229	22R	041220	220R	041221	2K2	041222
0R27	041278	2R7	041279	27R	041270	270R	041271	2K7	041272
0R33	041338	3R3	041339	33R	041330	330R	041331	3K3	041332
0R39	041398	3R9	041399	39R	041390	390R	041391	3K9	041392
0R47	041478	4R7	041479	47R	041470	470R	041471	4K7	041472
0R56	041568	5R6	041569	56R	041560	560R	041561	5K6	041562
0R68	041688	6R8	041689	68R	041680	680R	041681	6K8	041682
0R82	041828	8R2	041829	82R	041820	820R	041821		

7 Watt - Type SV7B ORDER CODES

Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code
0R33	042338	1R0	042109	10R	042100	100R	042101	1K0	042102
0R39	042398	1R2	042129	12R	042120	120R	042121	1K2	042122
0R47	042478	1R5	042159	15R	042150	150R	042151	1K5	042152
0R56	042568	1R8	042189	18R	042180	180R	042181	1K8	042182
0R68	042688	2R2	042229	22R	042220	220R	042221	2K2	042222
0R82	042828	2R7	042279	27R	042270	270R	042271	2K7	042272
		3R3	042339	33R	042330	330R	042331	3K3	042332
		3R9	042399	39R	042390	390R	042391	3K9	042392
		4R7	042479	47R	042470	470R	042471	4K7	042472
		5R6	042569	56R	042560	560R	042561	5K6	042562
		6R8	042689	68R	042680	680R	042681	6K8	042682
		8R2	042829	82R	042820	820R	042821	8K2	042822

11 Watt - Type SV11 ORDER CODES

Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code
0R56	043568	1R0	043109	10R	043100	100R	043101	1K0	043102
0R68	043688	1R2	043129	12R	043120	120R	043121	1K2	043122
0R82	043828	1R5	043159	15R	043150	150R	043151	1K5	043152
		1R8	043189	18R	043180	180R	043181	1K8	043182
		2R2	043229	22R	043220	220R	043221	2K2	043222
		2R7	043279	27R	043270	270R	043271	2K7	043272
		3R3	043339	33R	043330	330R	043331	3K3	043332
		3R9	043399	39R	043390	390R	043391	3K9	043392
		4R7	043479	47R	043470	470R	043471	4K7	043472
		5R6	043569	56R	043560	560R	043561	5K6	043562
		6R8	043689	68R	043680	680R	043681	6K8	043682
		8R2	043829	82R	043820	820R	043821	8K2	043822

17 Watt - Type SV17 ORDER CODES

Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code	Value (Ω)	Order Code
1R0	045109	10R	045100	100R	045101	1K0	045102	10K	045103
1R2	045129	12R	045120	120R	045121	1K2	045122	12K	045123
1R5	045159	15R	045150	150R	045151	1K5	045152	15K	045153
1R8	045189	18R	045180	180R	045181	1K8	045182	18K	045183
2R2	045229	22R	045220	220R	045221	2K2	045222	22K	045223
2R7	045279	27R	045270	270R	045271	2K7	045272	27K	045273
3R3	045339	33R	045330	330R	045331	3K3	045332	33K	045333
3R9	045399	39R	045390	390R	045391	3K9	045392	39K	045393
4R7	045479	47R	045470	470R	045471	4K7	045472	47K	045473
5R6	045569	56R	045560	560R	045561	5K6	045562	56K	045563
6R8	045689	68R	045680	680R	045681	6K8	045682	68K	045683
8R2	045829	82R	045820	820R	045821	8K2	045822		