



## Servo Drives 9400

### Single Drive accessories

### Brake resistors

The assignment of brake resistors to the Single Drive axis modules is shown in the table below.



Brake resistor 82 ohms

Typical motor power	Mains voltage	Product key		Rated resistance	Rated power	Thermal capacity	Dimensions	Mass
		Single Drive	Brake resistor					
P	U <sub>AC</sub>			R <sub>N</sub>	P <sub>N</sub>	C <sub>th</sub>	h x b x t	m
[kW]	[V]			[Ω]	[W]	[KW <sub>s</sub> ]	[mm]	[kg]
0.37	3 AC 180 ... 550 <sup>1)</sup>	E94AS□E0024	ERBP082R200W	82.0	200.0	30	320 x 41 x 122	1.0
0.75		E94AS□E0034						
1.50		E94AS□E0044	ERBP047R200W	47.0	400.0	60	400 x 110 x 105	2.3
			ERBS047R400W		800.0	120	710 x 110 x 105	3.9
3.00		E94AS□E0074	ERBP047R200W	47.0	200.0	30	320 x 41 x 122	1.0
			ERBS047R400W		400.0	60	400 x 110 x 105	2.3
			ERBS047R800W		800.0	120	710 x 110 x 105	3.9
5.50		E94AS□E0134	ERBP027R200W	27.0	200.0	30	320 x 41 x 122	1.0
			ERBS027R600W		600.0	90	550 x 110 x 105	3.1
			ERBS027R01K2		1200.0	180	1020 x 110 x 105	5.6
7.50		E94AS□E0174	ERBP018R300W	18.0	300.0	30	240 x 41 x 122	1.4
			ERBS018R800W		800.0	120	710 x 110 x 105	3.9
			ERBS018R02K8		2800.0	420	1110 x 200 x 105	12.0
11.0		E94AS□E0244	ERBP018R300W	18.0	300.0	30	240 x 41 x 122	1.4
			ERBS018R01K2		1200.0	180	1020 x 110 x 105	5.6
			ERBS018R02K8		2800.0	420	1110 x 200 x 105	12.0
15.0		E94AS□E0324	ERBS018R800W	15.0	800.0	120	710 x 110 x 105	3.9
			ERBS018R01K4		1400.0	210	1110 x 110 x 105	6.2
			ERBG018R04K3		4300.0	645	380 x 426 x 302	13.5
22.0		E94AS□E0474	ERBS015R800W	15.0	800.0	120	710 x 110 x 105	3.9
	ERBS015R02K4		2400.0		420	1020 x 200 x 105	10.0	
	ERBG015R06K2		6200.0		883	380 x 526 x 302	17.0	
30.0	E94AS□E0594	ERBS015R01K2	15.0	1200.0	180	1020 x 110 x 105	5.6	
		ERBG015R03K3		3300.0	480	486 x 326 x 302	12.6	
		ERBG015R10K0		10000.0	1440	380 x 736 x 302	22.0	

<sup>1)</sup> For 230 V mains voltage a different brake resistor assignment applies.

→ Data sheet on brake resistors  
**DS\_9400\_0002**  
 Available for download at [www.lenze.de/dsc](http://www.lenze.de/dsc)



### Brake resistors

The assignment of brake resistors to Single Drive axis modules is shown in the table below.

- ▶ Two resistors should be connected in parallel for the following combinations:  
 E94AS□E3664 and ERBG035D03K3  
 E94AS□E4604 and ERBG028D04K1  
 E94AS□E5724 and ERBG023D05K6  
 E94AS□E6354 and ERBG023D05K6  
 E94AS□E6954 and ERBG023D05K6



3.5 ohm brake resistor

Typical motor power	Mains voltage	Product key		Rated resistance	Rated power	Thermal capacity	Dimensions	Mass
		Single Drive	Brake resistor					
P	U <sub>AC</sub>			R <sub>N</sub>	P <sub>N</sub>	C <sub>th</sub>	h x b x t	m
[kW]	[V]			[Ω]	[W]	[KWs]	[mm]	[kg]
45.0	3 AC 180 ... 550 <sup>1)</sup>	E94AS□E0864	ERBG075D01K9	7.5	1900.0	285	486 x 236 x 302	9.5
55.0		E94AS□E1044						
75.0	3 AC 342 ... 550	E94AS□E1454	ERBG005R02K6	5.0	2600.0	390	486 x 326 x 302	12.6
90.0		E94AS□E1724	ERBG043D03K0	4.3	3000.0	450		11.8
105		E94AS□E2024	ERBG035D03K3	3.5	3300.0	495		12.6
130		E94AS□E2454	ERBG028D04K1	2.8	4100.0	615	486 x 426 x 302	12.8
150		E94AS□E2924	ERBG023D05K6	2.3	5600.0	840		15.9
190		E94AS□E3664	ERBG035D03K3	3.5	3300.0	495	486 x 326 x 302	12.6
240		E94AS□E4604	ERBG028D04K1	2.8	4100.0	615	486 x 426 x 302	12.8
300		E94AS□E5724	ERBG023D05K6	2.3	5600.0	840		15.9
335		E94AS□E6354						
370		E94AS□E6954						

<sup>1)</sup> For 230 V mains voltage a different brake resistor assignment applies.

→ Data sheet on brake resistors  
**DS\_9400\_0002**  
 Available for download at [www.lenze.de/dsc](http://www.lenze.de/dsc)