



Technic Note

# COMBIPERM P1

Electrical Data

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## Imprint

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# 1 Preface

The Technic Notes contain additional information about the units and accessories. They are helping constructors and developers to use KEB products in their applications. However, they are considered for information only without responsibility. The selection with regard to their suitability for the intended use can only be made by the user. If you have any questions, please contact KEB Automation KG or your area representative.

## 2 Technical data

Size	Rated voltage (-10%/+6%) $U_N / V$	Power at +20°C and $U_N$ $P_{20} / W$	Current at +20°C and $U_N$ ( $\pm 7\%$ ) $I_{20} / A$	Current at +120°C and $U_N$ ( $\pm 7\%$ ) $I_{120} / A$	Resistance at +20°C ( $\pm 7\%$ ) $R_{20} / \Omega$	Resistance at +120°C ( $\pm 7\%$ ) $R_{120} / \Omega$	Inductance in a closed system $L \text{ m} / H$
<b>0AP1</b>	12	3	0.25	0.18	48.00	67.15	0.3
	24	3	0.13	0.09	192.00	268.61	1.2
<b>01P1</b>	10	8	0.80	0.57	12.50	17.49	0.06
	12	8	0.67	0.48	18.00	25.18	0.1
	24	8	0.33	0.24	72.00	100.73	0.4
	48	8	0.17	0.12	288.00	402.91	1.5
<b>02P1</b>	12	10	0.83	0.60	14.40	20.15	0.15
	24	10	0.42	0.30	57.60	80.58	0.5
	48	10	0.21	0.15	230.40	322.33	2.3
<b>03P1</b>	12	11	0.92	0.66	13.09	18.31	0.2
	24	11	0.46	0.33	52.36	73.26	0.7
	48	11	0.23	0.16	209.45	293.03	2.5
	196	11	0.06	0.04	3492.36	4885.82	43
	200	11	0.06	0.04	3636.36	5087.27	46
	205	11	0.05	0.04	3820.45	5344.82	31
<b>04P1</b>	24	11	0.46	0.33	52.36	73.26	0.8
<b>05P1</b>	9	12	1.33	0.95	6.75	9.44	0.15
	12	12	1.00	0.71	12.00	16.79	0.25
	24	12	0.50	0.36	48.00	67.15	1
	40	12	0.30	0.21	133.33	186.53	2.6
	48	12	0.25	0.18	192.00	268.61	4
	90	12	0.13	0.10	675.00	944.33	14.5
	205	12	0.06	0.04	3502.08	4899.41	67
<b>06P1</b>	12	18	1.50	1.07	8.00	11.19	0.2
	18	18	1.00	0.71	18.00	25.18	0.5
	24	18	0.75	0.54	32.00	44.77	0.9
	48	18	0.38	0.27	128.00	179.07	3.5
	90	18	0.20	0.14	450.00	629.55	11
	105	18	0.17	0.12	612.50	856.89	15
	205	18	0.09	0.06	2334.72	3266.28	56

	Rated voltage (-10%/+6%)	Power at +20°C and $U_N$	Current at +20°C and $U_N$ (±7%)	Current at +120°C and $U_N$ (±7%)	Resistance at +20°C (±7%)	Resistance at +120°C (±7%)	Inductance in a closed system
Size	$U_N / V$	$P_{20} / W$	$I_{20} / A$	$I_{120} / A$	$R_{20} / \Omega$	$R_{120} / \Omega$	$L \text{ m} / H$
<b>07P1</b>	12	24	2.00	1.43	6.00	8.39	0.21
	18	24	1.33	0.95	13.50	18.89	0.51
	24	24	1.00	0.71	24.00	33.58	0.9
	28	24	0.86	0.61	32.67	45.70	1.1
	48	24	0.50	0.36	96.00	134.30	3.3
	95	24	0.25	0.18	376.04	526.08	14
	105	24	0.23	0.16	459.38	642.67	16
	205	24	0.12	0.08	1751.04	2449.71	67
<b>08P1</b>	12	26	2.17	1.55	5.54	7.75	0.3
	24	26	1.08	0.77	22.15	30.99	1.2
	48	26	0.54	0.39	88.62	123.97	4.7
	90	26	0.29	0.21	311.54	435.84	18
	205	26	0.13	0.09	1616.35	2261.27	91
	12	26	2.17	1.55	5.54	7.75	0.3
<b>09P1</b>	12	40	3.33	2.38	3.60	5.04	0.3
	24	40	1.67	1.19	14.40	20.15	1
	48	40	0.83	0.60	57.60	80.58	4
	95	40	0.42	0.30	225.63	315.65	15
	105	40	0.38	0.27	275.63	385.60	19
	115	40	0.35	0.25	330.63	462.54	22
	205	40	0.20	0.14	1050.63	1469.82	72
<b>10P1</b>	24	50	2.08	1.49	11.52	16.12	1.3
	48	50	1.04	0.74	46.08	64.47	5.1
	205	50	0.24	0.17	840.50	1175.86	90



**Automation with Drive**

**[www.keb-automation.com](http://www.keb-automation.com)**

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