



Technic Note

COMBIPERM P1

Electrical Data

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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

	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} / Ω	R_{120} / Ω	$L \text{ m} / H$
0AP1	12	3	0.25	0.18	48.00	67.15	0.3
	24	3	0.13	0.09	192.00	268.61	1.2
01P1	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
02P1	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
03P1	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
05P1	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
06P1	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} / Ω	R_{120} / Ω	$L \text{ m} / H$
07P1	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
08P1	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
09P1	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
10P1	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

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