



Technic Note

COMBISTOP 08 / 28 / 38(N) / 38(H)

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

COMBISTOP 08

	Rated voltage (±10%)	Power at +20°C and U_N	Current at +20°C and U_N (±7%)	Current at +100°C and U_N (±7%)	Resistance at +20°C (±7%)	Resistance at +100°C (±7%)	Inductance in a closed system
Size	U_N / V	P_{20} / W	I_{20} / A	I_{100} / A	R_{20} / Ω	R_{100} / Ω	$L \text{ m} / H$
0B	12	6	0.50	0.38	24.00	31.64	0.3
	24	6	0.25	0.19	96.00	126.55	1.2
	48	6	0.13	0.09	384.00	506.20	4.5
00	24	11	0.46	0.35	52.36	69.03	1.1
	105	11	0.10	0.08	1002.27	1321.24	20.5
	180	11	0.06	0.05	2945.45	3882.82	58.7
	205	11	0.05	0.04	3820.45	5036.28	68.3

COMBISTOP 28

	Rated voltage (±10%)	Power at +20°C and U_N	Current at +20°C and U_N (±7%)	Current at +100°C and U_N (±7%)	Resistance at +20°C (±7%)	Resistance at +100°C (±7%)	Inductance in a closed system
Size	U_N / V	P_{20} / W	I_{20} / A	I_{100} / A	R_{20} / Ω	R_{100} / Ω	$L \text{ m} / H$
02	24	25	1.04	0.79	23.04	30.37	1
	105	25	0.24	0.18	441.00	581.34	18.6
	180	25	0.14	0.11	1296.00	1708.44	55.8
	205	25	0.12	0.09	1681.00	2215.96	72.1
03	24	30	1.25	0.95	19.20	25.31	1.2
	105	30	0.29	0.22	367.50	484.45	22
	180	30	0.17	0.13	1080.00	1423.70	62.3
	205	30	0.15	0.11	1400.83	1846.63	80.2
04	24	30	1.25	0.95	19.20	25.31	2.1
	105	30	0.29	0.22	367.50	484.45	40
	180	30	0.17	0.13	1080.00	1423.70	104.4
	205	30	0.15	0.11	1400.83	1846.63	137.5
05	24	48	2.00	1.52	12.00	15.82	1.4
	105	48	0.46	0.35	229.69	302.78	27.4
	180	48	0.27	0.20	675.00	889.81	85.5
	205	48	0.23	0.18	875.52	1154.15	101.9
06	24	62	2.58	1.96	9.29	12.25	1.6
	105	62	0.59	0.45	177.82	234.41	30.4
	180	62	0.34	0.26	522.58	688.89	95.3
	205	62	0.30	0.23	677.82	893.53	112.2

07	24	65	2.71	2.05	8.86	11.68	2.1
	105	65	0.62	0.47	169.62	223.59	39
	180	65	0.36	0.27	498.46	657.09	125.9
	205	65	0.32	0.24	646.54	852.29	162
08	24	75	3.13	2.37	7.68	10.12	2.5
	105	75	0.71	0.54	147.00	193.78	47.9
	180	75	0.42	0.32	432.00	569.48	134.4
	205	75	0.37	0.28	560.33	738.65	176.8
09	24	80	3.33	2.53	7.20	9.49	3.4
	105	80	0.76	0.58	137.81	181.67	63.3
	180	80	0.44	0.34	405.00	533.89	181.8
	205	80	0.39	0.30	525.31	692.49	235.9

COMBISTOP 38 (N)

	Rated voltage ($\pm 10\%$)	Power at $+20^\circ\text{C}$ and U_N	Current at $+20^\circ\text{C}$ and U_N ($\pm 7\%$)	Current at $+100^\circ\text{C}$ and U_N ($\pm 7\%$)	Resistance at $+20^\circ\text{C}$ ($\pm 7\%$)	Resistance at $+100^\circ\text{C}$ ($\pm 7\%$)	Inductance in a closed system
Size	U_N / V	P_{20} / W	I_{20} / A	I_{100} / A	R_{20} / Ω	R_{100} / Ω	$L \text{ m} / \text{H}$
02	24	25	1.04	0.79	23.04	30.37	1
	105	25	0.24	0.18	441.00	581.34	18.6
	180	25	0.14	0.11	1296.00	1708.44	55.8
	205	25	0.12	0.09	1681.00	2215.96	72.1
03	24	30	1.25	0.95	19.20	25.31	1.2
	105	30	0.29	0.22	367.50	484.45	22
	180	30	0.17	0.13	1080.00	1423.70	62.3
	205	30	0.15	0.11	1400.83	1846.63	80.2
04	24	30	1.25	0.95	19.20	25.31	2.1
	105	30	0.29	0.22	367.50	484.45	40
	180	30	0.17	0.13	1080.00	1423.70	104.4
	205	30	0.15	0.11	1400.83	1846.63	137.5
05	24	48	2.00	1.52	12.00	15.82	1.4
	105	48	0.46	0.35	229.69	302.78	27.4
	180	48	0.27	0.20	675.00	889.81	85.5
	205	48	0.23	0.18	875.52	1154.15	101.9
06	24	62	2.58	1.96	9.29	12.25	1.6
	105	62	0.59	0.45	177.82	234.41	30.4
	180	62	0.34	0.26	522.58	688.89	95.3
	205	62	0.30	0.23	677.82	893.53	112.2
07	24	65	2.71	2.05	8.86	11.68	2.1

	105	65	0.62	0.47	169.62	223.59	39
	180	65	0.36	0.27	498.46	657.09	125.9
	205	65	0.32	0.24	646.54	852.29	162
08	24	75	3.13	2.37	7.68	10.12	2.5
	105	75	0.71	0.54	147.00	193.78	47.9
	180	75	0.42	0.32	432.00	569.48	134.4
	205	75	0.37	0.28	560.33	738.65	176.8
09	24	80	3.33	2.53	7.20	9.49	3.4
	105	80	0.76	0.58	137.81	181.67	63.3
	180	80	0.44	0.34	405.00	533.89	181.8
	205	80	0.39	0.30	525.31	692.49	235.9
10	24	130	5.42	4.11	4.43	5.84	2.3
	105	130	1.24	0.94	84.81	111.80	38.6
	180	130	0.72	0.55	249.23	328.55	122.5
	205	130	0.63	0.48	323.27	426.15	146.5
11	24	180	7.50	5.69	3.20	4.22	2.5
	105	180	1.71	1.30	61.25	80.74	45.6
	180	180	1.00	0.76	180.00	237.28	142.6
	205	180	0.88	0.67	233.47	307.77	184.7

COMBISTOP 38 (H)

	Rated voltage (±10%)	Power at +20°C and U_N	Current at +20°C and U_N (±7%)	Current at +100°C and U_N (±7%)	Resistance at +20°C (±7%)	Resistance at +100°C (±7%)	Inductance in a closed system
Size	U_N / V	P_{20} / W	I_{20} / A	I_{100} / A	R_{20} / Ω	R_{100} / Ω	$L m / H$
02	24	25	1.04	0.79	23.04	30.37	1
	105	25	0.24	0.18	441.00	581.34	18.6
	180	25	0.14	0.11	1296.00	1708.44	55.8
	205	25	0.12	0.09	1681.00	2215.96	72.1
03	24	30	1.25	0.95	19.20	25.31	1.2
	105	30	0.29	0.22	367.50	484.45	22
	180	30	0.17	0.13	1080.00	1423.70	62.3
	205	30	0.15	0.11	1400.83	1846.63	80.2
04	24	30	1.25	0.95	19.20	25.31	2.1
	105	30	0.29	0.22	367.50	484.45	40
	180	30	0.17	0.13	1080.00	1423.70	104.4
	205	30	0.15	0.11	1400.83	1846.63	137.5
05	24	48	2.00	1.52	12.00	15.82	1.4
	105	48	0.46	0.35	229.69	302.78	27.4

	180	48	0.27	0.20	675.00	889.81	85.5
	205	48	0.23	0.18	875.52	1154.15	101.9
06	24	75	3.13	2.37	7.68	10.12	1.3
	105	75	0.71	0.54	147.00	193.78	23.7
	180	75	0.42	0.32	432.00	569.48	74.8
	205	75	0.37	0.28	560.33	738.65	95.2
07	24	90	3.75	2.84	6.40	8.44	1.5
	105	90	0.86	0.65	122.50	161.48	27.1
	180	90	0.50	0.38	360.00	474.57	84.8
	205	90	0.44	0.33	466.94	615.54	100.5
08	24	90	3.75	2.84	6.40	8.44	2
	105	90	0.86	0.65	122.50	161.48	37.6
	180	90	0.50	0.38	360.00	474.57	106.6
	205	90	0.44	0.33	466.94	615.54	141.2
09	24	115	4.79	3.63	5.01	6.60	2.1
	105	115	1.10	0.83	95.87	126.38	40.2
	180	115	0.64	0.48	281.74	371.40	114
	205	115	0.56	0.43	365.43	481.73	150.2
10	24	180	7.50	5.69	3.20	4.22	1.4
	105	180	1.71	1.30	61.25	80.74	26.2
	180	180	1.00	0.76	180.00	237.28	73.5
	205	180	0.88	0.67	233.47	307.77	96.6
11	105	280	2.67	2.02	39.38	51.91	24.4
	180	280	1.56	1.18	115.71	152.54	68.3
	205	280	1.37	1.04	150.09	197.85	89.2
	105	280	2.67	2.02	39.38	51.91	24.4



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