

小型 三相電源トランス カットコア型 データ一例 1

2-70-2

VP1	VP2	VP3	VP0	AP1	AP2	AP3	AP0	WP	PF	Vs1	Vs2	Vs3	Vs0	As1	As2	As3	As0	Vs0 AS0	VP0 AP0	η	ε	Temp-up
(V)	(V)	(V)	(V)	(mA)	(mA)	(mA)	(mA)	(W)		(V)	(V)	(V)	(V)	(mA/A)	(mA/A)	(mA/A)	(mA/A)	(VA)	(VA)	(%)	(%)	°C

① 3ΔY6-10A 3φ:3φ 210V:100V 87mA (16.5 VA 目安) 測定(4)EC型 Δ:Y 外形 EC 6.3-1 図

200.6	200.4	200.2	200.6	8.06	6.30	6.84	7.06	0.46	0.1905	110.9	110.0	110.5	110.3	0	0	0	0						
211.5	211.7	211.1	210.9	49.40	49.01	50.71	49.78	18.05	0.9930	103.9	103.6	103.7	103.8	87.06	87.26	87.60	87.15	15.67	18.18	86.21	(12.1)	21/20	
220.7	220.3	220.7	220.0	7.92	6.21	7.03	7.05	0.55	0.2051	122.2	122.0	122.0	122.1	0	0	0	0						
231.8	231.9	231.2	230.6	54.28	53.85	55.65	55.61	21.72	0.9913	113.3	112.9	113.2	113.1	94.95	95.14	95.39	94.95	18.61	22.21	83.73	(13.1)	26/24	
240.6	240.1	240.2	240.7	11.92	10.09	10.25	10.70	0.75	0.1574	133.4	133.2	133.8	133.4	0	0	0	0						
255.4	254.3	255.0	255.3	63.08	61.19	63.19	62.28	27.09	0.9851	124.1	124.0	124.4	124.1	108.7	108.9	108.5	108.5	23.34	27.54	84.74	(14.3)	31/31	
260.6	260.2	260.1	260.7	47.21	47.37	34.84	43.21	1.70	0.0943	142.6	143.1	143.6	143.0	0	0	0	0						
277.4	277.1	276.4	276.5	90.27	82.16	77.35	83.03	33.33	0.8226	132.8	133.9	133.9	133.3	116.7	116.8	117.4	117.1	27.05	39.77	68.01	(14.1)	45/44	

② 3YΔ6-10B 3φ:3φ 200V:100V 72mA (12.4 VA 目安) 測定(3)EC型 Y:Δ 外形 EC 6.3-1 図

200.7	200.8	200.6	200.8	4.39	3.88	4.63	4.26	0.50	0.3348	109.3	108.9	109.2	109.6	0	0	0	0						
203.4	202.9	203.1	203.4	40.31	41.05	41.23	41.07	14.46	0.9955	100.7	100.4	100.0	100.4	72.13	72.64	72.84	72.53	12.61	14.47	87.16	(11.0)	23/16	
220.9	220.7	220.2	220.6	5.75	5.07	6.09	5.58	0.60	0.2977	120.6	120.0	120.3	120.4	0	0	0	0						
224.1	224.1	223.3	224.0	51.94	52.34	52.52	52.17	20.13	0.9960	107.9	107.4	107.4	107.6	92.46	92.88	92.52	92.47	17.23	20.48	85.11	(13.9)	31/24	
240.4	240.0	240.4	240.5	9.53	8.21	10.62	9.50	0.88	0.2193	131.4	130.8	131.2	131.0	0	0	0	0						
252.6	252.8	253.7	253.4	62.23	63.31	64.64	63.26	27.59	0.9918	120.2	120.4	120.3	120.3	111.4	110.8	111.3	111.7	23.30	27.77	83.92	(14.9)	40/33	
200.5	270.1	270.5	270.4	102.4	78.95	96.38	94.37	5.34	0.1243	147.4	144.9	146.5	146.4	0	0	0	0						
276.5	276.0	276.6	276.2	72.76	73.83	82.23	77.15	33.26	0.9116	130.0	128.7	129.0	129.2	120.8	120.2	119.5	120.4	26.95	36.91	73.01	(15.9)	50/44	

③ 3ΔY10-10C 3φ:3φ 100V:14.5V 0.92A (23.1 VA 目安) 測定(4)EC型 Δ:Y 外形 EC 10-1 図

100.4	100.2	100.7	100.6	8.16	7.58	9.64	8.47	0.44	0.3019	16.21	16.11	16.23	16.19	0	0	0	0						
102.3	101.8	101.9	102.0	147.8	152.2	151.6	151.1	26.53	0.9982	14.66	14.63	14.68	14.66	0.910A	0.913A	0.923A	0.917A	23.31	26.71	87.27	(12.6)	29/25	
110.1	110.4	110.2	110.4	10.72	9.65	12.39	10.90	0.56	0.2709	17.76	17.75	17.77	17.76	0	0	0	0						
114.1	113.3	113.8	113.9	196.8	196.8	197.4	196.2	38.79	0.9984	15.90	15.89	15.99	15.92	1.209A	1.208A	1.197A	1.204A	33.23	38.73	85.80	(15.5)	41/39	
120.5	120.8	120.2	120.3	15.32	14.22	17.74	15.62	0.73	0.2234	19.53	19.40	19.45	19.46	0	0	0	0						
124.2	123.8	123.8	123.9	212.4	215.8	215.8	214.9	46.13	0.9977	17.47	17.38	17.45	17.38	1.308A	1.306A	1.309A	1.301A	39.17	46.14	84.89	(15.6)	47/46	
130.7	130.5	130.2	130.5	28.16	27.77	32.48	29.05	1.04	0.1390	21.03	20.98	21.03	21.12	0	0	0	0						
136.5	135.8	135.9	136.0	233.2	240.0	237.4	237.4	55.68	0.9934	18.89	18.80	18.90	18.85	1.436A	1.437A	1.429A	1.434A	46.83	55.92	83.73	(17.2)	57/56	

④ 3ΔY10-10D 3φ:3φ 100V:10V 1.2 A (20.7 VA 目標) 測定(3)EC型 Y:Δ 外形 EC 10-1 図

105.4	105.3	106.7	106.2	8.76	8.55	8.29	8.48	0.40	0.2213	12.13	11.94	12.07	12.11	0	0	0	0						
105.8	105.3	106.2	105.5	144.1	145.2	147.1	145.7	26.67	0.9991	10.49	10.39	10.42	10.43	1.240	1.264	1.250	1.249	22.54	26.63	84.76	(16.1)	31/29	
115.7	115.4	115.7	115.7	10.47	9.94	10.10	10.35	0.48	0.2032	13.32	13.28	13.33	13.31	0	0	0	0						
116.4	115.7	116.3	116.2	157.4	158.7	160.6	159.2	31.98	0.9988	11.53	11.46	11.43	11.47	1.354	1.378	1.363	1.367	27.26	32.06	85.01	(16.0)	36/31	
125.3	124.9	126.1	125.7	13.55	12.87	13.45	13.49	0.59	0.1763	14.35	14.27	14.34	14.38	0	0	0	0						
126.9	126.8	126.2	126.6	172.3	172.1	176.4	173.6	38.20	0.9984	12.47	12.51	12.46	12.41	1.499	1.502	1.493	1.497	32.19	38.08	84.53	(15.8)	40/36	
138.4	137.4	138.4	138.4	37.10	36.47	41.79	41.44	1.01	0.0920	15.91	15.81	15.79	15.83	0	0	0	0						
138.2	138.6	138.8	138.4	177.9	179.8	176.9	177.4	42.53	0.8662	13.73	13.71	13.80	13.77	1.540	1.518	1.513	1.524	36.36	42.53	85.48	(15.0)	42/40	



VP1	VP2	VP3	VP0	AP1	AP2	AP3	AP0	WP	PF	Vs1	Vs2	Vs3	Vs0	As1	As2	As3	As0	Vs0	As0	VP0	AP0	η	ε	Temp-up
(V)	(V)	(V)	(V)	(mA)	(mA)	(mA)	(mA)	(W)		(V)	(V)	(V)	(V)	(mA)	(mA)	(mA)	(mA)	(VA)	(VA)	(VA)	(VA)	(%)	(%)	°C

⑨ 3YY 32-10B 3φ:3φ 400V:200V 0.17 A (58.8 VA 目安) 測定(1)EC型 Y:Y 外形 EC 32-1 図

400.2	400.7	400.9	400.3	5.10	4.22	5.65	4.98	1.37	0.3965	220.4	220.2	220.6	220.7	0	0	0	0							
404.5	405.7	407.6	406.1	96.88	97.55	98.03	97.80	68.47	0.9985	204.0	204.4	204.9	204.4	173.0	172.8	173.2	173.2	61.36	68.79	89.19	(9.3)			33/31
440.0	441.2	441.4	441.9	6.15	5.20	6.79	6.05	1.65	0.3647	242.4	242.2	243.6	242.7	0	0	0	0							
449.1	450.1	451.4	449.8	114.8	116.0	117.2	116.2	90.31	0.9984	227.3	224.4	224.9	224.3	207.4	207.0	206.9	207.5	80.65	90.59	89.03	(10.6)			43/45
480.2	481.3	483.7	481.8	7.44	6.49	8.21	7.38	2.06	0.3328	264.7	265.6	265.8	265.4	0	0	0	0							
504.2	504.3	506.2	505.0	129.3	130.0	131.7	130.6	115.2	0.9979	250.6	250.3	251.3	250.7	233.0	232.7	231.4	232.0	100.7	114.2	88.19	(11.4)			52/52
520.3	521.6	523.7	522.5	9.58	8.54	10.47	9.32	2.49	0.2889	286.7	287.0	287.5	287.1	0	0	0	0							
549.5	549.6	554.0	551.8	140.8	142.5	142.9	141.7	134.9	0.9970	272.9	272.8	274.2	273.1	251.1	252.0	250.8	251.5	119.0	135.5	87.8	(11.6)			57/61

⑩ 3△△ 32-10B 3φ:3φ 400V:200V 0.18 A (62.3 VA 目安) 測定(2)EC型 △:△ 外形 EC 32-1 図

411.4	414.0	414.2	413.4	4.27	3.79	4.00	4.13	1.40	0.4093	226.4	227.7	228.6	227.5	0	0	0	0							
412.2	414.6	415.7	413.7	98.74	99.03	99.06	99.14	70.39	0.8661	206.4	207.8	208.9	207.9	176.8	176.1	176.1	187.5	68.26	70.32	97.07	(9.4)			33/30
451.1	453.6	455.5	453.7	5.11	4.61	4.92	5.01	1.69	0.3748	247.5	248.0	250.1	248.4	0	0	0	0							
451.1	453.4	454.3	455.0	108.2	108.3	108.2	107.6	84.41	0.8661	224.2	224.9	226.4	225.1	191.1	192.2	191.1	191.8	74.79	84.34	88.16	(10.3)			39/36
481.2	484.7	486.0	483.9	6.15	5.69	6.17	6.15	1.96	0.3341	264.6	265.7	267.1	265.9	0	0	0	0							
486.5	489.5	491.6	489.7	116.2	116.7	116.6	116.0	99.96	0.8658	242.8	243.7	247.7	244.4	206.2	207.7	206.9	206.4	87.40	78.45	88.77	(8.8)			45/43
500.8	502.1	506.6	504.3	7.14	6.78	7.43	7.33	2.22	0.2997	276.5	277.7	279.3	277.7	0	0	0	0							
496.8	497.5	500.8	496.8	117.9	118.6	118.6	118.2	101.5	0.8657	247.3	249.3	251.6	249.5	211.2	212.5	211.5	211.1	91.24	106.7	89.69	(11.3)			49/47

