

Electrical data Multi-turn actuators for open-close duty with 3-phase AC motors Short-time duty S4 - 25 %, 380 V/50 Hz								KZCR10-KZCR35				
Multi-turn actuator			Motor									
Type	Speed	Torque	Type	Power ¹⁾	Speed	Nominal current ²⁾	Current ³⁾ approx.	Starting current	cos φ	kiket Power class		Approx. Weight
	rpm	max.Nm		Pn(KW)	rpm	IN (A)	I _{max} . (A)	IA (A)		Contactor ⁴⁾	Thyristor ⁴⁾	(kg)
KZCR10	18	34	MBR10-0.08	0.08	1400	0.55	0.65	2.51	0.85	C1	T1	30
	24	34	MBR10-0.08	0.08	1400	0.55	0.85	2.51	0.86	C1	T1	
	36	34	MBR10-0.08	0.08	1400	0.55	0.95	2.51	0.86	C1	T1	
	48	34	MBR10-0.12	0.12	1400	1.00	1.40	4.20	0.86	C1	T1	
KZCR12	18	81	MBR12-0.13	0.13	1400	1.20	1.37	4.02	0.82	C1	T1	
	24	81	MBR12-0.16	0.16	1400	1.30	1.76	4.36	0.82	C1	T1	
	36	81	MBR12-0.22	0.22	1400	1.80	1.87	6.16	0.82	C1	T1	
	48	68	MBR12-0.22	0.22	1400	1.80	2.21	6.16	0.82	C1	T1	
KZCR20	18	203	MBR20-0.33	0.33	1400	2.71	5.42	16.10	0.85	C1	T1	55
	24	203	MBR20-0.42	0.42	1400	2.75	6.36	16.32	0.80	C1	T1	
	36	203	MBR20-0.52	0.52	1400	3.50	5.65	22.88	0.79	C1	T1	
	48	203	MBR20-0.63	0.63	1400	3.80	7.75	24.85	0.80	C1	T1	
	72	176	MBR20-0.74	0.74	1400	5.95	8.99	48.57	0.79	C1	T1	
KZCR25	18	400	MBR25-0.64	0.64	1400	5.35	7.46	26.75	0.80	C1	T1	
	24	400	MBR25-0.74	0.74	1400	5.95	9.08	29.75	0.80	C1	T1	
	36	298	MBR25-0.76	0.76	1400	6.10	9.61	43.57	0.80	C1	T1	
	48	244	MBR25-0.72	0.72	1400	5.94	10.08	42.43	0.80	C1	T1	
	72	244	MBR25-1.03	1.03	1400	5.75	8.47	36.92	0.80	C1	T1	
KZCR35	18	610	MBR35-0.93	0.93	1400	5.10	7.11	25.50	0.86	C1	T1	58
	24	610	MBR35-1.14	1.14	1400	5.80	8.85	29.00	0.86	C1	T1	
	36	542	MBR35-1.14	1.14	1400	9.40	14.81	67.14	0.86	C1	T1	
	48	474	MBR35-1.55	1.55	1400	9.50	16.12	67.86	0.86	C1	T2	
	72	474	MBR35-2.05	2.05	1400	12.40	18.27	79.61	0.87	C1	T2	
1) The nominal electrical power can be calculated using the following formula: $P = U \times I \times \cos \varphi \times \sqrt{3}$ 2) Current at operating torque 3) Current at max. torque. We recommend to select switchgears according to these values. 4) Assignment of switchgears when using kiket controls of types SC01. $C1 \leq 3KW$; $3KW < C2 \leq 6KW$; $C3 > 6KW$; $T1 \leq 1.5KW$; $1.5KW < T2 \leq 3KW$												
We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.												
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