Electrical data Multi-turn actuators for open-close duty with 3-phase AC motors Short-time duty S2 - 15 min, 380 V/50 Hz												**KZC40-KZC95**
Multi-turn actuator			Motor									
Type	Speed rpm	Torque max.Nm	Type	Power[1] Pn(KW)	Speed rpm	Nominal current[2] IN (A)	Current[3] approx. Imax. (A)	Starting current IA (A)	cos ϕ	SCHWARZ Power class Contactor[4]	Thyristor[4]	Approx. Weight (kg)
KZC40	18	1020	MB40-1.60	1.60	1400	10.50	18.94	86.47	0.84	C1	T2	210
	24	1020	MB40-1.98	1.98	1400	11.40	24.59	93.88	0.84	C1	T2	
	36	845	MB40-2.22	2.22	1400	14.10	22.18	99.81	0.86	C1	T2	
	48	680	MB40-2.14	2.14	1400	15.60	29.80	110.43	0.90	C1	T2	
	72	680	MB40-2.94	2.94	1400	17.30	37.48	181.65	0.90	C1	T2	
	96	542	MB40-3.03	3.03	1400	18.20	48.53	191.10	0.90	C2		
	144	406	MB40-3.24	3.24	1400	19.50	55.50	189.00	0.90	C2		
KZC70	18	1490	MB70-2.34	2.34	1400	14.50	26.16	119.41	0.87	C1		
	24	1490	MB70-2.91	2.91	1400	16.60	35.80	136.71	0.87	C1		
	36	1290	MB70-3.37	3.37	1400	18.80	29.57	133.08	0.78	C2		
	48	1020	MB70-3.21	3.21	1400	18.40	35.15	130.25	0.78	C2		
	72	1020	MB70-4.41	4.41	1400	23.40	50.70	245.70	0.78	C2		
	96	745	MB70-4.16	4.16	1400	22.20	59.20	233.10	0.78	C2		
	144	645	MB70-5.14	5.14	1400	27.60	78.55	267.51	0.78	C2		
KZC90	18	2030	MB90-3.19	3.19	1400	18.50	29.60	107.30	0.88	C2		
	24	2030	MB90-3.96	3.96	1400	19.10	38.20	110.78	0.88	C2		
	36	1700	MB90-4.44	4.44	1400	20.50	37.27	111.82	0.88	C2		
	48	1355	MB90-4.29	4.29	1400	24.20	52.80	132.00	0.82	C2		
	72	1355	MB90-5.87	5.87	1400	30.60	61.20	194.80	0.82	C2		
	96	1020	MB90-5.68	5.68	1400	29.00	67.67	183.67	0.82	C2		
	144	865	MB90-6.92	6.92	1400	34.00	96.76	329.54	0.82	C3		
KZC95	24	3000	MB95-5.81	5.81	1400	35.00	58.33	233.33	0.86	C2		

1) The nominal electrical power can be calculated using the following formula: P = U x I x cos φ x$\sqrt{3}$
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 SCHWARZ controls of types SC01. C1≤3KW; 3KW<C2≤6KW; C3>6KW; T1≤1.5KW; 1.5KW<T2≤3KW

We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.