

Type designation		CMC-20B	CMC-32B	CMC-40B	CMC-75B
Capacitor (kvar)	230 V	11	14	20	29
rating at operating voltage	400-440 V	20	25	30	50
	500-550 V	24	30	35	60
	660-690 V	30	35	40	70
Rated operational current I _e /AC-6b at 400 V	A	29	36	44	72
Rated operational current I _{th} at 400 V	A	40	50	60	100
Insulation rating U _i	V	690		690	
Permissible ambient temperature	°C	-25 to +55		-25 to +55	
Rated impulse withstand voltage U _{imp}	kV	8		8	
Consumption of electromagnet in cold state with U _n AC operated					
Closing	VA	62	65	65	155
p.f.		0,75	0,75	0,75	0,6
Closed	VA	7	8	8	12
p.f.		0,3	0,3	0,3	0,29
Coil		0,85 – 1,1 U _n		0,85 – 1,1 U _n	
Voltage tolerances		0,8		0,8	
Tightening torque	Nm	M3,5/PZ2		M3,5/PZ2	
Terminal screw/Screw head					
Degree of protection		IP 20		IP 20	
Maximum permissible fuse ratings main circuit	A	50	63	80	125
Auxiliary circuit	A	16	16	16	16
Frequency of switching operations	s/h	120		120	100
Electrical endurance	min.	175.000	125.000	125.000	125.000
Sizes of connecting conductors -main circuit					
multi-wire conductor	mm ²	2,5-10	2,5-10	6-25	16-35
multi-wire conductor with cable shoe	mm ²				
Terminal screw		M4	M4	M5	M6
Screw head		PZ2	PZ2	Head socket	PZ2
Tightening torque	Nm	1,4	1,6	2,5 2	3-4
-auxiliary circuit					
multi-wire conductor	mm ²	1-2,5	1-2,5		1-2,5
multi-wire conductor with cable shoe	mm ²	0,75-1,5	0,75-1,5	1-2,5	0,75-1,5
Terminal screw		M3,5	M3,5	0,75-1,5	M3,5
Screw head		PZ2	PZ2	M3,5	PZ2
Tightening torque	Nm	0,8	0,8	PZ2 0,8	0,8
Loadability of auxiliary contacts rated continuous current I _{th} ; 35°C	A	10	10	10	16
AC rated operational current I _e /AC15					
for 230 V	A	6	6	6	10
for 400 V	A	4	4	4	6
for 500 V	A	2	2	2	4
for 690 V	A	1	1	1	2

Type designation		CMC-85B	CMC-150B
Capacitor (kvar)	230 V	32	45
rating at operating	400-440 V	60	80
voltage	500-550 V	70	100
50/60 Hz	660-690 V	80	115
Rated operational current I _e /AC-6b at 400 V	A	87	116
Rated operational current I _{th} at 400 V	A	125	170
Insulation rating U _i	V	1000	
Permissible ambient temperatura	°C	-25 to +55	
Rated impuls withstand voltage	U _{imp} kV	8	
Consumption of electromagnet in cold state with U _n AC operated			
Closing	VA	155	310
p.f.		0,6	0,5
Closed	VA	12	26
p.f.		0,29	0,24
Coil	Voltage tolerances Tightening torque Nm Terminal screw/Screw head	0,85 – 1,1 U _n 0,8 M3,5/PZ2	
Degree of protection		IP 20	IP 00 or IP20
Maximum permissible fuse ratings main circuit I _{gL/gG}	A	160	200
Auxiliary circuit	A	16	16
Frequency of switching operations	s/h	100	
Electrical endurance	min.	125.000	100.000
Sizes of connecting conductors			
-main circuit			
multi-wire conductor	mm ²	16-35	35-50 (IP20) 50-70 (no IP20)
multi-wire conductor with cable shoe	mm ²		
Terminal screw		M6	M6(IP20)/M8(no IP20)
Screw head		PZ2	PZ2
Tightening torque	Nm	3-4	3,5-6
-auxiliary circuit			
multi-wire conductor	mm ²	1-2,5	1-2,5
multi-wire conductor with cable shoe	mm ²	0,75-1,5	0,75-1,5
Terminal screw		M3,5	M3,5
Screw head		PZ2	PZ2
Tightening torque	Nm	0,8	0,8
Loadability of auxiliary contacts rated continous curret I _{th} ; 35°C	A	16	16
AC rated operational current I _e /AC15			
for 230 V	A	10	10
for 400 V	A	6	6
for 500 V	A	4	4
for 690 V	A	2	2