



## Contactor selection guide

- three-pole versions up to 630A AC3 duty
- four-pole versions up to 1600A AC1 duty
- versions for power factor correction
- special versions 2NO+2NC or 4NC main poles
- extensive choice of add-on blocks
- certified by primary international authorities



CONTACTOR	BG06A	BG09A	BG12A	BF09A	BF12A	BF18A	BF25A	BF26A	BF32A	BF38A
Rated insulation voltage $U_i$	690V			690V				690V		
<b>Operational current</b>										
Thermal lth ( $\leq 40^\circ\text{C}$ )	16A	20A	20A	25A	28A	32A	32A	45A	56A	56A
AC3 ( 440V )	6A	9A	12A	9A	12A	18A	25A	26A	32A	38A
AC4 ( 440V )	3.3A	4.0A	4.8A	4.9A	7.9A	8.5A	10A	11.5A	13.5A	15.5A
<b>Max. operational power <math>\leq 55^\circ\text{C}</math></b>										
AC3 ( 220 / 230V )	1.5kW	2.2kW	3.2kW	2.2kW	3.2kW	4.0kW	7.0kW	7.3kW	8.8kW	11.0kW
AC3 ( 380 / 400V )	2.2kW	4.0kW	5.7kW	4.2kW	5.7kW	7.5kW	12.5kW	13.0kW	16.0kW	18.5kW
AC3 ( 500V )	3.0kW	5.0kW	5.0kW	5.5kW	7.5kW	10kW	15kW	15.6kW	20kW	20kW
AC3 ( 690V )	3.0kW	5.0kW	5.0kW	7.5kW	10kW	10kW	11kW	18.5kW	22kW	22kW
AC3 ( 1000V )	-	-	-	-	-	-	-	-	-	-
Standard auxiliaries	1NO (or) 1NC			1NO (or) 1NC				-		
Ambient temperature $^\circ\text{C}$	-40...+60 $^\circ\text{C}$			-50...+70 $^\circ\text{C}$				-50...+70 $^\circ\text{C}$		
Short time withstand current 10s	96A			110A	110A	130A	160A	200A	320A	320A
Making capacity ( RMS value)	92A		120A	250A	250A	250A	250A	480A	480A	480A
Breaking capacity ( $\leq 440\text{V}$ )	72A		96A	250A	250A	250A	250A	480A	480A	480A
Operating voltage limits ( from )	75% $U_s$			80% $U_s$				80% $U_s$		
( To )	115% $U_s$			110% $U_s$				110% $U_s$		
Coil consumption ( in-rush )	30VA			65VA				65VA		
( Hold-in )	4VA			8.5VA				8.5VA		
Mechanical life ( cycles )	20 million			20 million				20 million		
Standard voltages	12-575VAC / 12-250VDC			12-600VAC / 12-415VDC				12-600VAC / 12-415VDC		
Dimensions ( AC )	58 x 44 x 57mm			81 x 45 x 80.7mm				90 x 45 x 90mm		
Mounting	DIN 35 rail / screw down			DIN 35 rail / screw down				DIN 35 rail / screw down		
<b>OVERLOAD RELAYS</b>	<b>RF9</b>			<b>RF38</b>				<b>RF38</b>		
	0.09-15A			0.1...14A		13-18A		24-32A		
						17-23A		32-38A		
						20-25A				





BF50	BF65	BF80	BF95	BF110	B115	B145	B180	B250	B310	B400	B500	B630
1000V					1000V			1000V			1000V	
90A	110A	125A	125A	125A	160A	250A	275A	350A	450A	550A	700A	800A
50A	65A	80A	95A	110A	110A	150A	185A	265A	320A	420A	520A	630A
28A	31A	38A	43A	43A	47A	57A	65A	92A	110A	133A	175A	210A
14.3kW	18.5kW	23kW	27.6kW	33kW	33kW	46kW	57kW	83kW	100kW	130kW	156kW	198kW
25kW	33kW	41kW	50kW	61kW	61kW	80kW	100kW	140kW	170kW	225kW	290kW	335kW
33.2kW	45.3kW	56kW	56kW	59kW	80kW	100kW	123kW	176kW	213kW	271kW	367kW	368kW
43.5kW	59.7kW	74kW	74kW	80kW	100kW	120kW	144kW	212kW	256kW	352kW	416kW	440kW
25kW	30kW	37kW	45kW	45kW	63kW	75kW	103kW	156kW	180kW	208kW	312kW	368kW
-50...+70°C					-50...+70°C							
390A	390A	480A	760A	880A	1100A	1300A	1500A	2200A	2900A	3600A	4050A	5040A
800A	1090A	1200A	1200A	1200A	1100A	1500A	1850A	2750A	3150A	4200A	5000A	6300A
800A	1090A	1200A	1200A	1200A	1300A	1500A	1850A	2500A	3000A	4000A	5000A	6300A
80% Us					80% Us			80% Us			80% Us	
110% Us					110% Us			110% Us			110% Us	
210VA					300VA			300VA			400VA	
18VA					10VA			10VA			18VA	
15 million					10 million			10 million			5 million	
12-600VAC/12-600VDC					24-480VAC/DC			24-480VAC/DC			48-480VAC/DC	
124 X 75 X 113.5mm					170 X 120 X 184mm			204 X 145 X 219.2mm			270 X 192 X 263mm	
DIN rail / screw down					bolt down			bolt down			bolt down	
<b>RF95</b>					<b>RF200</b>			<b>RF420</b>			-	
20-33 / 28-42A					60-100A			150-250A			-	
35-50A / 46-65A					75-125A			180-300A			-	
60-82A					90-150A			250-420A			-	
70-95A / 90-110A					120-200A			-			-	

