

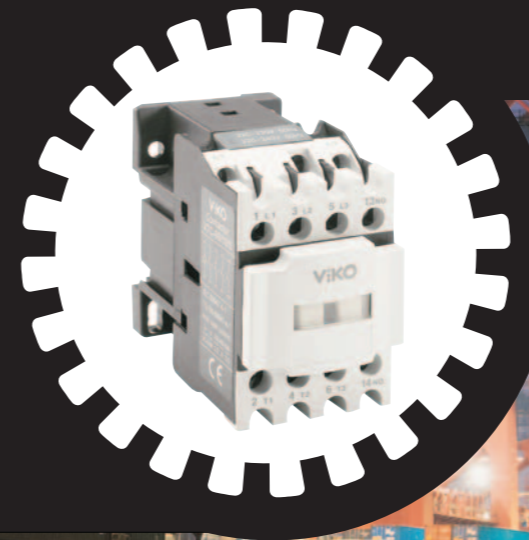
VCC SERIES SWITCHING CAPACITOR CONTACTORS

Model			VCC-12	VCC-16	VCC-20	VCC-25	VCC-33	VCC-40	VCC-60	
Controllable Capacity AC-6b	200/240V	kVAr	6.7	8.5	10	15	20	25	40	
	400/440V		12.5	16.7	20	25	33.3	40	60	
Set Heating Current Ith		A	32	40	50	60	80	80	125	
Rated Working Current (Ie) AC-6b	400V	A	18	24	29	36	48	58	87	
Contact			1NO+1NC	1NO+1NC	1NO+1NC	1NO+2NC	1NO+2NC	1NO+2NC	1NO+2NC	
Rated Insulating Voltage (Ui)		V	690							
Coil	Rated Controlling Voltage (Us)	V	AC (50/60Hz): 24,48,110,220,380				AC (50/60Hz): 24,48,110,220,380			
	Tripping Voltage	V	85%Us - 110%Us				85%Us - 110%Us			
	Drop Out Voltage	V	30%Us - 55%Us				30%Us - 60%Us			

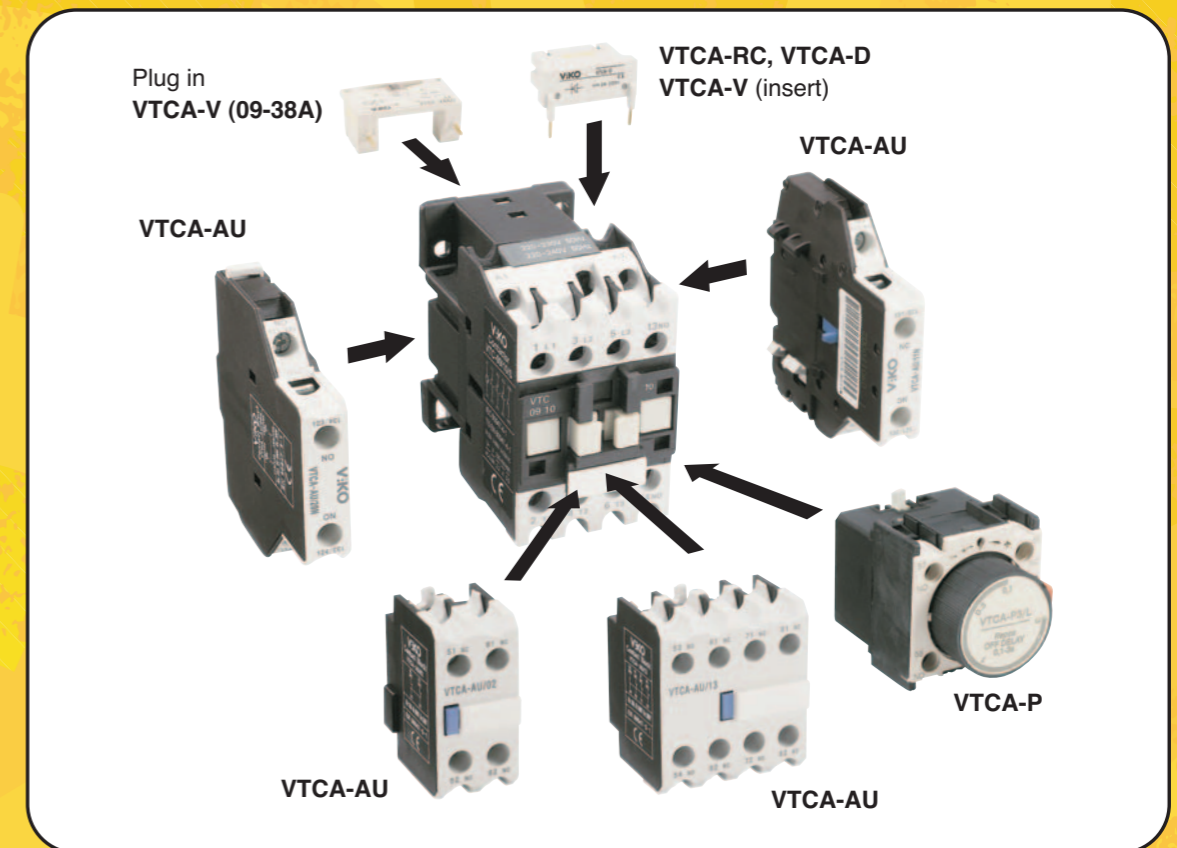
Not: Note: Due to fluctuation of voltage, the current in capacitor loop usually reach 1.3 times of rated current. In addition, the actual current in loop may reach $1.3 \cdot 1.1 \cdot I_n = 1.43 I_n$ as the tolerable error in capacitor manufacturing is $-5\% \sim +10\%$.

VCR SERIES REVERSIBLE CONTACTORS

Model			VCR-09	VCR-12	VCR-18	VCR-25	VCR-32	VCR-40	VCR-50	VCR-65	VCR-80	VCR-95
Control Power AC-3, 400V		kW	4	5.5	7.5	11	15	18.5	22	30	37	45
Rated Current (Ie) AC3	380/400V	A	9	12	18	25	32	40	50	65	80	95
	660/690V	A	6.6	8.9	12	18	21	34	39	42	49	49
Contact			1NO/1NC	1NO/1NC	1NO/1NC	1NO/1NC	1NO/1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC
Set Heating Current Ith		A	25	25	32	40	50	60	80	80	125	125
Rated Insulating Voltage (Ui)		V	690									



EFFECTIVE POWER CONTROL



- From 9A up 780A • According to EN 60947-4-1 standards • Simple and safe assembly
- Easily mountable, fulfilling accessories • From 24V up to 400V AC/DC coil options

Selection Table

Model		VTC-09	VTC-12	VTC-18	VTC-25	VTC-32	VTC-40	VTC-50	VTC-65	VTC-80	VTC-95	VTC-115	VTC-150	VTC-180	VTC-225	VTC-265	VTC-330	VTC-400	VTC-500	VTC-630	VTC-780		
Control Power AC-3, 400V-kW		4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200	250	335	400		
Rated Current (Ie) AC3	380/400V-A 660/690V-A	9 6.6	12 8.9	18 12	25 18	32 21	40 34	50 39	65 42	80 49	95 49	115 86	150 107	185 118	225 135	265 170	330 225	400 305	500 355	630 460	780 550		
Contact		1NO/1NC	1NO/1NC	1NO/1NC	1NO/1NC	1NO/1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO	1NO	1NO	1NO	-	-	1NO	1NO	1NO	-		
Rated Insulating Voltage (Ui)-V		690			690			690			690			1000				1000		1000		1000	
Set Heating Current (Ith)-A		25	25	32	40	50	60	80	80	125	125	200	250	275	315	350	400	500	700	1000	1000	1500	
Thermal Relay			VRE-32A11 - VRE32A28 0.1...0.16 0.16...0.25 0.25...0.40 0.40...0.63 0.63...1 1...1.6 1.6...2.5 2.5...4 4...6 5.5...8 7...10 9...13 12...18 17...25 23...32 30...40					VRE-95A31 - VRE95A37 23...32 30...40 37...50 48...65 55...70 63...80 80...95															
Auxiliary Contact Block		VTCA-AU/ 11 (1NO+1NC) 40 (4NO) 04 (4NC) 31 (3NO+1NC) 13 (1NO+3NC) 22 (2NO+2NC) 20 (2NO) 02 (2NC)										VTCA-AU/ 11 (1NO+1NC) 40 (4NO) 04 (4NC) 31 (3NO+1NC) 13 (1NO+3NC) 22 (2NO+2NC) 20 (2NO) 02 (2NC)					VTCA-AU/ 11 (1NO+1NC) 40 (4NO) 04 (4NC) 31 (3NO+1NC) 13 (1NO+3NC) 22 (2NO+2NC) 20 (2NO) 02 (2NC)						
		VTCA-AU/ 11N (1NO+1NC) 20N (2NO)																					
Coil	Supply Voltage (Us)-V Pick Up Voltage-V Drop Out Voltage-V	AC (50/60Hz): 24,48,110,220,380 ; DC:24,48,110,220 85%Us - 110%Us 20%Us - 75%Us (AC) 10%Us - 75%Us (DC)										85%Us - 110%Us 20%Us - 75%Us (AC)					85%Us - 110%Us 20%Us - 75%Us (AC)						
Pneumatic Timer		ON Delay VTCA-P3/P (0.1-3s) VTCA-P30/P (0.1-30s) VTCA-P180/P (10-180s)																					
		OFF Delay VTCA-P3/L (0.1-3s) VTCA-P30/L (0.1-30s) VTCA-P180/L (10-180s)																					
RC Filter		VTCA-RC48 (24-48V) VTCA-RC127 (50-127V) VTCA-RC240 (110-240V) VTCA-RC415 (380-415V)																					
Varistor		Plug in VTCA-V48/1 (24-48V) VTCA-V127/1 (50-127V) VTCA-V240/1 (110-240V)																					
		Insert VTCA-V48/2 (24-48V) VTCA-V127/2 (50-127V) VTCA-V240/2 (110-240V) VTCA-V415/2 (380-415V)																					
Diode		VTCA-D (24-220V)																					