

ITT

BCCR

Residential Water Systems

CentriPro

CSCR 1Ø Control Boxes

Capacitor Start - Capacitor Run for
3-wire, 1/2 – 5 HP Submersible Motors



FEATURES

- Voltage Relay for installer convenience
- 230 volt models – 208 volt relay, 9K479, available for low voltage applications
- Start Capacitors for starting torque
- Run Capacitors for efficiency and quiet operation
- Type 3R enclosure for indoor or outdoor mounting
- Accepts up to #2 AWG wire
- Multiple knockouts and two ground terminals
- Higher HP models require heavy duty pressure switches – See Magnetic Contactor version to use standard pressure switches
- Manual reset overloads on 1½ – 5 HP models



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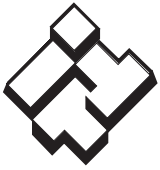
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AGENCY LISTINGS



TESTED TO UL AND CSA STANDARDS BY UL.



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Control Box Order Number	Hp	KW	Volts	May Replace GP #	May Replace RJ #	May Replace FE #	Standard Circuit Breaker	Standard Fuse	Dual Element Time Delay Fuse	Enclosure Dimensions W x D x H (in)	Shipping Wt. (lbs)
CB05412CR	0.5	.37	230	—	50F311CB S50N1CB, A50N1CB	2824055015①	15	20	10	8.1 x 5.9 x 9.3	7
CB07412CR	.75	.55	230	—	75F311CB S75N1CB, A75N1CB	2824075015①	20	25	15	8.1 x 5.9 x 9.3	7
CB10412CR	1	.75	230	—	S100F311CB S100N1CB, A100N1CB	2824085015①	25	30	20	8.1 x 5.9 x 9.3	7
CB15412CR	1.5	1.1	230	00074	150F311CB S150N1CB, A150N1CB	282 3008 110	30	35	20	8.1 x 5.9 x 9.3	7
CB20412CR	2	1.5	230	00084	200F311CB S200N1CB, AS200T1CB	282 3018 110	25	30	20	8.1 x 5.9 x 9.3	7
CB30412CR	3	2.2	230	00094	300F311CB S300N1CB	282 3028 110	40	45	30	8.1 x 5.9 x 9.3	7
CB50412CR	5	3.7	230	00104	500F311CB S500N1CB	282 1138 110	60	80	45	8.1 x 5.9 x 9.3	8

"K" REPAIR PARTS

Control Box Order Number	HP	Volts	Old Control Box Order Number	Capacitor Repair Part Number	Capacitor Mfd.	Capacitor Type	Capacitor Voltage	Capacitor Quantity	Overload Order Number ②	Start Relay Order Number ①
CB05412CR	.5	230	①	9K465	43-53	Start	250	1	NA	9K458
				9K466	15	Run	370			
CB07412CR	.75	230	①	9K448	59-71	Start	250	1	N/A	9K458
				9K467	23	Run	370			
CB10412CR	1	230	①	9K449	86-103	Start	250	1	N/A	9K458
				9K467	23	Run	370			
CB15412CR	1.5	230	00074	9K447	105-126	Start	250	1	9K471	9K458
				9K452	10	Run	370			
CB20412CR	2	230	00084	9K447	105-126	Start	250	1	9K481	9K458
				9K451	20	Run	370			
CB30412CR	3	230	00094	9K453	208-250	Start	250	1	9K482	9K459
				9K454	45	Run	370			
CB50412CR	5	230	00104	9K455	270-324	Start	330	1	9K483	
				9K456	40	Run	370			

① If supply voltage is between 200 V – 210 V a 208 V start relay, order no. 9K479, is required.

② Overloads for 2, 3 and 5 HP CSCR boxes are sold prewired and soldered as an assembly. No field soldering or wiring required.



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