

ITT

Residential Water Systems

Goulds Pumps

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 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

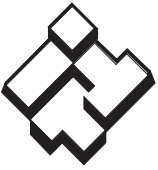
Magnetic Contactor Control Boxes for 1.5 - 15 HP and larger motors will be found on bulletin BGMC as they become available.



Goulds Pumps is a brand of ITT
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Control Box Order Number	Hp	KW	Volts	May Replace GP #	May Replace RJ # ^②	May Replace FE #	Standard Circuit Breaker	Standard Fuse	Dual Element Time Delay Fuse	Enclosure Dimensions W x D x H (in)	Shipping Wt. (lbs)
CB05412CRG	0.5	.37	230	①	50F311CB S50N1CB, A50N1CB	2824055015①	15	20	10	8.1 x 5.9 x 9.3	7
CB07412CRG	.75	.55	230	①	75F311CB S75N1CB, A75N1CB	2824075015①	20	25	15	8.1 x 5.9 x 9.3	7
CB10412CRG	1	.75	230	①	S100F311CB S100N1CB, A100N1CB	2824085015①	25	30	20	8.1 x 5.9 x 9.3	7
CB15412CRG	1.5	1.1	230	00074	150F311CB S150N1CB, A150N1CB	282 3008 110	30	35	20	8.1 x 5.9 x 9.3	7
CB20412CRG	2	1.5	230	00084	200F311CB S200N1CB, AS200T1CB	282 3018 110	25	30	20	8.1 x 5.9 x 9.3	7
CB30412CRG	3	2.2	230	00094	300F311CB S300N1CB	282 3028 110	40	45	30	8.1 x 5.9 x 9.3	7
CB50412CRG	5	3.7	230	00104	500F311CB S500N1CB	282 1138 110	60	80	45	8.1 x 5.9 x 9.3	8

① New ½ – 1 HP CSCR control box is now in a larger enclosure, it is not in a quick disconnect style enclosure.

② The RJ control boxes with S and A prefix had capacitors sized to operate obsolete Red Jacket motors. They will run many current 4" motors but not as efficiently as these new CSCR boxes.

GOULDS PUMPS ORDER NUMBERS

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	Supplier Number
CB05412CRG	.5	230	①	9K465	43-53	Start	220	1	NA	9K458	RVA2ALKL
				9K466	15	Run	370	1			
CB07412CRG	.75	230	①	9K448	59-71	Start	220	1	N/A	9K458	RVA2ALKL
				9K467	23	Run	370	1			
CB10412CRG	1	230	①	9K449	86-103	Start	220	1	N/A	9K458	RVA2ALKL
				9K467	23	Run	370	1			
CB15412CRG	1.5	230	00074	9K447	105-126	Start	220	1	9K471	9K458	RVA2ALKL
				9K452	10	Run	370	1			
CB20412CRG	2	230	00084	9K447	105-126	Start	220	1	9K481	9K458	RVA2ALKL
				9K451	20	Run	370	1			
CB30412CRG	3	230	00094	9K453	208-250	Start	220	1	9K482	9K458	RVA2ALKL
				9K454	45	Run	370	2			
CB50412CRG	5	230	00104	9K455	270-324	Start	330	1	9K483	9K459	RVAH2ALKL
				9K456	40	Run	370	1			

① New ½ – 1 HP CSCR control box is now in a larger enclosure, it is not in a quick disconnect style enclosure.

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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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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AGENCY LISTINGS



Tested to UL and CSA standards by UL.