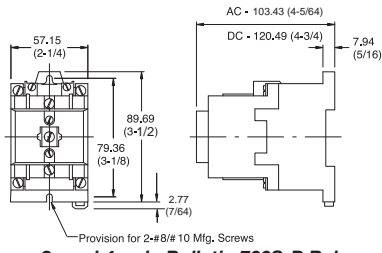


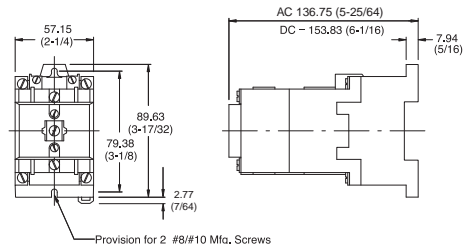
Approximate Dimensions

Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.



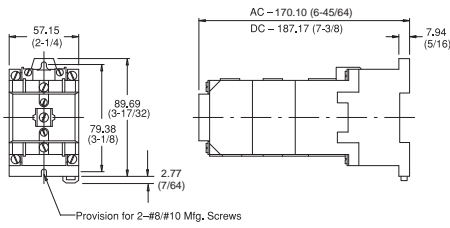
2- and 4-pole Bulletin 700S-P Relay

Approximate Shipping Weight: AC - 0.68 kg (1.5 lb), DC - 1.34 kg (2.95 lb)



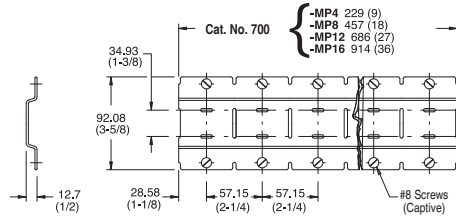
6- and 8-pole Bulletin 700S-P Relay

Approximate Shipping Weight: AC - 0.79 kg (1.75 lb), DC - 1.45 kg (3.20 lb)

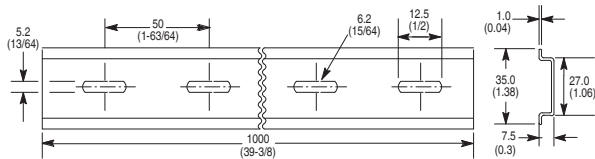


10- and 12-pole Bulletin 700S-P




Approximate Shipping Weight: AC - 1.02 kg (2.25 lb), DC - 1.68 kg (3.7 lb)



Relay Rail



DIN Rail

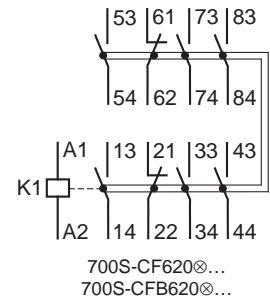
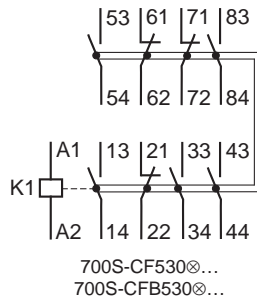
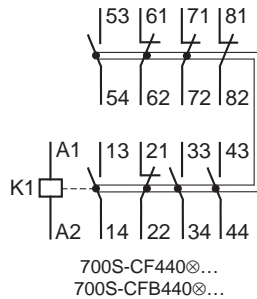
			Cat. No. 700S-CF	Aux. Contact (Front-mounted)
Mechanical Life		[Mil]	15	15
Electrical Life	AC-15 (240V, 3 A)	[Mil]	1.5	1.5
Weight	AC Coil	[g]	390	—
Terminal Cross-Sections				
Terminal Type				
Terminal Size per IEC 947-1			2 x A4	2 x A4
	Solid/ Stranded§	1 Conductor	[mm <sup>2</sup> ]	1.5...6
		2 Conductor	[mm <sup>2</sup> ]	1.5...6
Max. Wire Size per UL/CSA		[AWG]	16...10	18...14
Tightening Torque		[lb•in]	13.3...22	8.9...13.3
Tightening Torque		[N•m]	1.5...2.5	1...1.5

§ For 16 or more strands, end ferrule is required

DC Switching Ratings for 700S-CF Main Poles in Series (Resistive Load at 60 °C)			
	1 pole	2 poles	3 poles
<b>24/48V</b>	15/10 A	25 A	25 A
<b>125V</b>	6 A	25 A	25 A
<b>220V</b>	1.5 A	8 A	25 A
<b>440V</b>	0.4 A	1 A	3 A

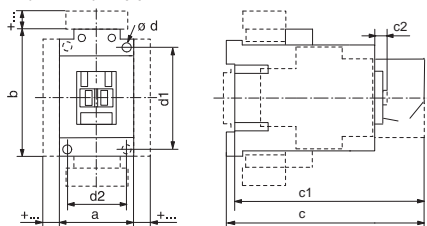
Assignment of Contacts

Safety Control Relays with Front-mount Auxiliary Contacts, 8-Pole AC or DC Coil Voltage



**Approximate Dimensions**

Approximate Dimensions are shown in millimeters (inches). Approximate Dimensions are not intended for manufacturing purposes.



**AC and DC Safety Control Relays with 12V or 24V DC Electronic Coil**

Cat. No.	a	b	c	c1	c2	Ød	d1	d2
700S-CF	45	81	119.5	114.5	6	2 - 4.5	60	35
	(1-25/32)	(3-3/16)	(4-3/4)	(4-43/64)	(1/4)	(2 - 3/16)	(2-23/64)	(1-25/64)

**DC Safety Control Relays with 48...72V, 110...125V or 220...250V DC Electronic Coil**

Cat. No.	a	b	c	c1	c2	Ød	d1	d2
700S-CF	45	105	119.5	114.5	6	2 - 4.5	60	35
	(1-25/32)	(4-1/8)	(4-3/4)	(4-43/64)	(1/4)	(2 - 3/16)	(2-23/64)	(1-25/64)

**DC Safety Control Relays with Conventional Coil**

Cat. No.	a	b	c	c1	c2	Ød	d1	d2
700S-CF	45	81	145.5	140.5	6	2 - 4.5	60	35
	(1-25/32)	(3-3/16)	(5-49/64)	(5-37/64)	(1/4)	(2 - 3/16)	(2-23/64)	(1-25/64)

**Safety Relay Circuit With 5 Safety Outputs**

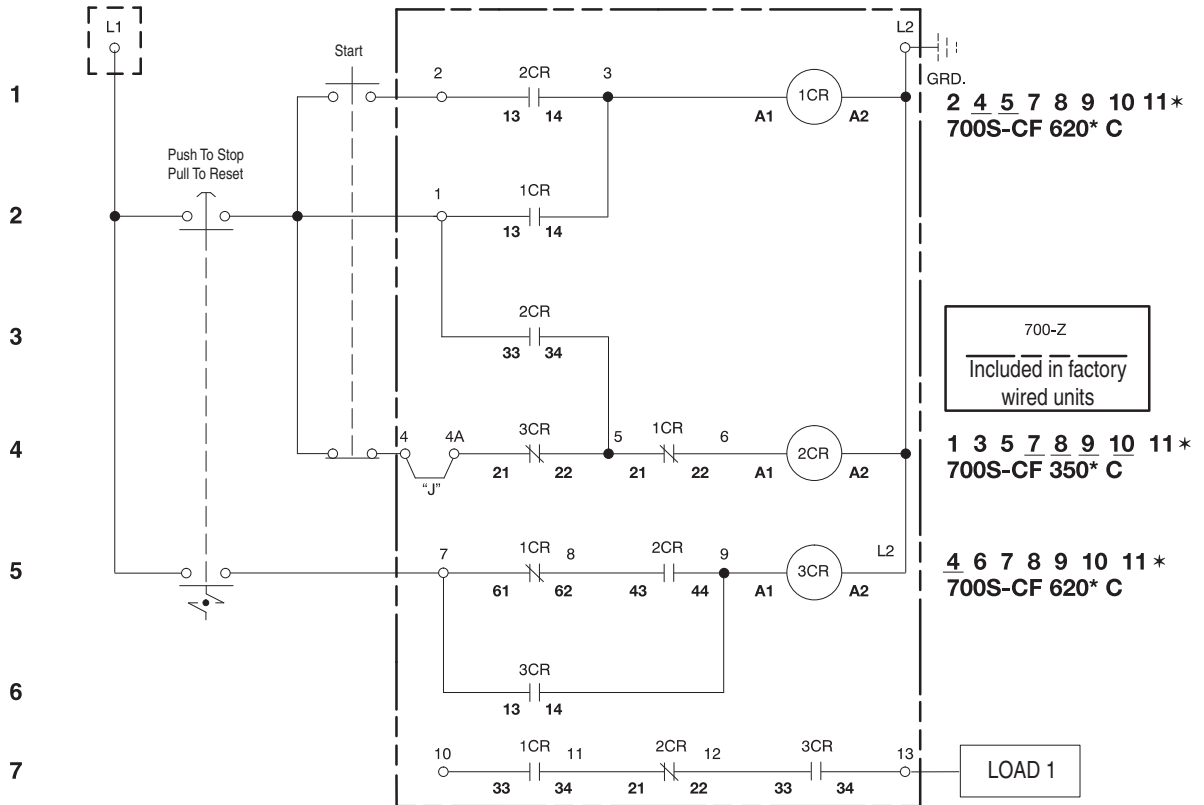
- Use for E-stop control. E-stop will work properly if any one fault occurs (a fault could be one welded contact or one undesired open connection such as a loose wire).
- High output switching capability and long contact life.
- Circuit complies with EN 954 categories 1, 2, 3, 4.
- Helps prevent restart of the 5 safety outputs if there is a single fault anywhere in the system.
- Use (3) 700S-CF relays and this diagram to construct the circuit

Basic Circuit

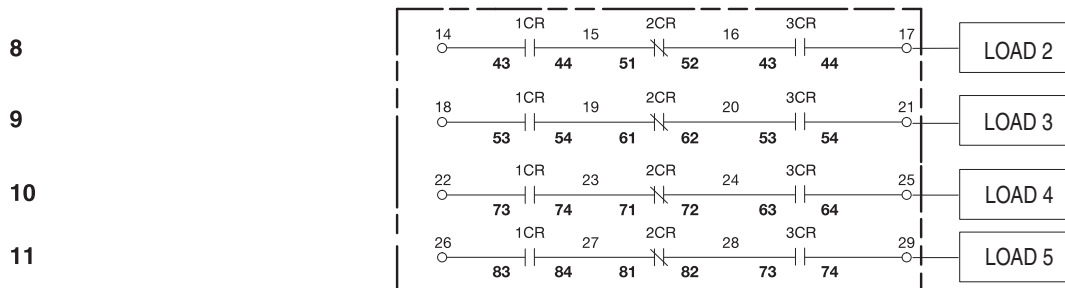
(1) Output Circuit (3 Relays, 9 Terminal Blocks)

Basic Circuit

(1) Output Circuit (3 Relays, 9 Terminal Blocks)



(5) Output Circuit (3 Relays, 17 Terminal Blocks)



\* Numbers shown are the line numbers where the contacts for this relay appear. Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

Accessories

Safety Control Relays with	mm	[in.]
Auxiliary contact block for side mounting 1- or 2-pole	a + 9	(a + 23/64)
Electronic Timing Module on coil terminal side	b + 24	(b + 15/16)
Interface Module on coil terminal side	b + 9	(b + 23/64)
Surge Suppressor on coil terminal side	b + 3	(b + 1/8)
Labeling with label sheet	+ 0	(+ 0)
Marking tag sheet with clear cover	+ 0	(+ 0)
Marking tag adapter for System Bul. 1492W	+ 5.5	(+ 7/32)

Mounting Position

