

Bulletin 700S-P And 700S-PK Heavy-Duty Safety Control Relay

Bulletin 700S-P and 700S-PK — Heavy-Duty Safety Control Relays

Features

- Mechanically linked contacts meet IEC 947-5-1-L
- 2...12 poles all mechanically linked
- Red cover for easy identification of safety circuits
- Tamper resistant cover helps prevent changes which could jeopardize safety
- IEC mechanically linked contacts symbol displayed on front
- · Visual indication of contact state
- Ideal for use in safety circuits



Standards Compliance

- UL 508
- CSA C22.2 No. 14
- EN/IEC 60947-1, -5-1

Certifications

- cULus Listed (File No. E14840, Guide NKCR/NKCR7)
- CE Marked
- ABS

Bulletin 700S-P (10 A) Safety Control Relays — AC and DC Coil Voltages

Contacts		AC Coils	24V DC Coils	
		Open Type Panel Mount Relay Rail Mount	Open Type Panel Mount Relay Rail Mount	Open Type DIN Rail Mount
9	4	Cat. No.*	Cat. No.*	Cat. No.*
N.O.	N.C.			
3	1	700S-P310⊗	700S-DCP310Z24	700S-DCP310DZ24
2	2	700S-P220⊗	700S-DCP220Z24	700S-DCP220DZ24
7	1	700S-P710⊗	700S-DCP710Z24	700S-DCP710DZ24
6	2	700S-P620⊗	700S-DCP620Z24	700S-DCP620DZ24
5	3	700S-P530⊗	700S-DCP530Z24	700S-DCP530DZ24
4	4	700S-P440⊗	700S-DCP440Z24	700S-DCP440DZ24
3	5	700S-P350⊗	700S-DCP350Z24	700S-DCP350DZ24
10	2	700S-P1020⊗	700S-DCP1020Z24	700S-DCP1020DZ24

⊗AC Coil Voltage Code

The Cat. No. as listed is incomplete. Select a coil voltage code from the table below to complete the Cat. No. Example: Cat. No. 700S-P310 becomes Cat. No. 700S-P310A1 for a 120V AC coil.

[V]	24	115-120	230-240	460-480
60 Hz	A24	A1	A2	A4

 $\star \ \mathsf{For} \ \mathsf{other} \ \mathsf{coil} \ \mathsf{voltages}, \ \mathsf{consult} \ \mathsf{your} \ \mathsf{local} \ \mathsf{Rockwell} \ \mathsf{Automation} \ \mathsf{sales} \ \mathsf{office} \ \mathsf{or} \ \mathsf{Allen-Bradley} \ \mathsf{distributor}.$

IEC 947-5-1 Annex L has 2 requirements for a relay to meet for mechanically linked contacts:

- 1.) If a N.O. contact welds, all the N.C. contacts will remain open and meet a 2500V impulse test.
- 2.) If a N.C. contact welds, all the N.O. contacts will remain open and meet a 2500V impulse test.

Bul. Nos. 700S-P and 700S-DCP relays meet these requirements including the 2500V impulse test.

The relays shown on this page are shipped from the factory with the Bul. 700-CPS safety cartridge installed and cannot be converted to N.O. or N.C. in the Field.

Bulletin 700S-PK (20 A) Safety Control Relays

Contacts		Coil Voltage	Cat. No.	
N.O.	N.C.			
7	1	110V AC	700S-PK710A1	
6	2	110V AC	700S-PK620A1	
5	3	110V AC	700S-PK530A1	
4	4	110V AC	700S-PK440A1	
3	5	110V AC	700S-PK350A1	
10	2	110V AC	700S-PK1020A1	
3	1	110V AC	700S-PK310A1	
7	1	24V DC	700S-DCPK710Z24	
6	2	24V DC	700S-DCPK620Z24	
5	3	24V DC	700S-DCPK530Z24	
4	4	24V DC	700S-DCPK440Z24	
3	5	24V DC	700S-DCPK350Z24	
10	2	24V DC	700S-DCPK1020Z24	
3	1	24V DC	700S-DCPK310Z24	

Specifications