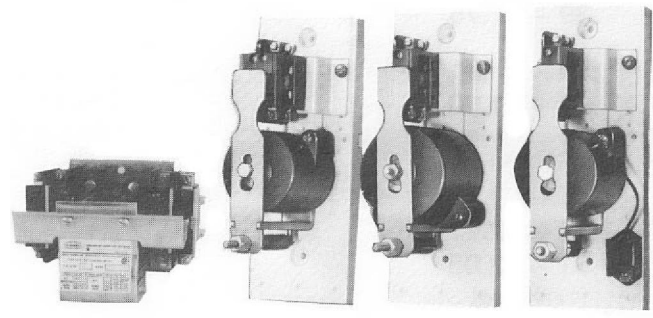




Hubbell Industrial Controls, Inc.

Price List 5320 • Discount Code EU • October 2011, Replaces May 2010

Euclid™ DC Relays

<p style="text-align: center;">HOW TO ORDER</p> <ol style="list-style-type: none"> 1. Order by Part Number 2. 230/250 System Voltage 3. Pick-up and/or Dropout settings are required also specify which is the most important. 	 <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;">PA 4 Pole Relay</div> <div style="text-align: center;">FL</div> <div style="text-align: center;">PR</div> <div style="text-align: center;">NP/JK/LSR</div> </div>
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CONTROL RELAYS Compact Multipole "PA"					
Total Number Of Control Circuit Contacts		PART NUMBER		DESCRIPTION	LIST PRICE
N.O.	N.C.	115/125 Volts	230/250 Volts		
2	2	5320-58990-101	5320-58990-105	2-Pole Relay	\$1,114
4	4	5320-58990-102	5320-58990-106	4-Pole Relay	\$1,392
6	6	5320-58990-103	5320-58990-107	6-Pole Relay	\$1,670

VOLTAGE RELAYS 230/250 System Voltage					
Total Number Of Control Circuit Contacts		PART NUMBER	FUNCTION	RELAY SETTINGS	LIST PRICE
N.O.	N.C.				
1	1	5320-58895-002	"LSR" Limit Switch Relay -- Over-speed protection when lowering out of tripping power limit switch.	P.U. 55V.	\$1,531
2	2	5320-58895-102			\$1,740
1	1	5320-58895-001	"JK" Initiates high speed lowering on Dynamic Lowering Hoist Controllers.	P.U. 105V	\$1,531
2	2	5320-58895-101			\$1,740
1	1	5320-58895-006	"NP" Non-Plug Relay for compound and shunt motors.	Min. D.O. 20V 30V	\$1,531
2	2	5320-58895-105			\$1,740
1	1	5320-58895-005	"VR" Relay for travel controller with Dynamic Braking.	Min. D.O. 40V	\$1,531
2	2	5320-58895-104			\$1,740
PLUGGING RELAY 230/250 System Voltage					
1	1	5320-58896-002	"PR" Plugging Relay for Single Point Plugging Systems.*	D.O. 20V	\$1,531
1	1	5320-58896-004	"PR" Plugging Relay, First Point for Two Point Plugging Systems.	D.O. 130V	\$1,740

* Also used for Second Point for Two Point Plugging System

Prices are subject to change without notice.

**"FL" CURRENT RELAYS
(FIELD LOSS)
230/250 System Voltage**

CURRENT PICK-UP RANGE	MAXIMUM CONTINUOUS CURRENT	PART NUMBER WITH 1 N.O. & 1 N.C. SET OF CONTACTS	LIST PRICE
0.22 -- 0.41	0.60	5320-59551-001	CONSULT FACTORY
0.25 -- 0.47	0.75	5320-59551-002	
0.32 -- 0.61	0.94	5320-59551-003	
0.39 -- 0.75	1.20	5320-59551-004	
0.50 -- 0.94	1.50	5320-59551-005	
0.63 -- 1.20	1.90	5320-59551-006	
0.81 -- 1.53	2.40	5320-59551-007	
1.01 -- 1.92	3.0	5320-59551-008	
1.27 -- 2.42	3.7	5320-59551-009	
1.61 -- 3.05	4.8	5320-59551-010	
1.99 -- 3.78	6.0	5320-59551-011	
2.43 -- 4.62	7.3	5320-59551-012	
3.42 -- 6.49	9.2	5320-59551-013	
3.98 -- 7.56	11.7	5320-59551-014	
5.48 -- 10.39	15.0	5320-59551-015	
6.63 -- 12.60	19.0	5320-59551-016	
8.11 -- 15.40	24.0	5320-59551-017	**OBSOLETE - Use 5374-48808-108
13.70 -- 26.00	41.0	5320-59551-018	
27.40 -- 52.00	82.0	5320-59551-019**	

Relay Pick-up is adjustable between 0.35 and 0.65 of rated coil current. Relay Drop-out is adjustable between 0.10 and 0.13 of rated coil current. Pick-up and Drop-out adjustments are not independent. The ratio of Drop-out to Pick-up setting of the relay must be between 0.21 and 0.30.

CONTACT RATINGS										CONTACT KITS
Electrical Contacts are rated in accordance with NEMA Standard ICS-2-125 (B600 and P600 Table Ratings).										<p>CONTACT KITS</p> <p>For replacement, contacts are supplied in a KIT, consisting of one Contact Block Housing, one (1) Normally Open (N.O.), and one (1) Normally Closed (N.C.) set of contacts in a common assembly, plus Mounting Hardware. Order Part Number: HC68011-003 \$341 List EU</p> <p>ADJUSTMENT RANGE</p> <p>For Type VR, JK, LSR, and NP Relays. Pick-up is adjustable between 0.20 and 0.60 of rated coil voltage. Relay Drop-out is adjustable between 0.06 and 0.35 of rated coil voltage. Pick-up and Drop-out adjustments are not independent. Ration of Drop-out settings to Pick-up setting of relay must be between 0.30 and 0.60.</p>
AC	Maximum Continuous Amperes	Maximum Make And Brake Current Amperes								
		120V		240V		480V		600V		
		Make	Brake	Make	Brake	Make	Brake	Make	Brake	
B-600	5	30	3.0	15	1.5	7.5	.75	6	0.6	
DC	Maximum Continuous Amperes	Maximum Make And Brake Current Amperes								
		125V		250V		600V				
		Make	Brake	Make	Brake	Make	Brake			
P-600	5	1.1	1.1	0.55	0.55	0.2	0.2			

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