

E30 Series, Components — Contact Blocks

Contact Blocks

Standard Contact Blocks — Molded, phenolic construction. Enclosed silver contacts with reliability “nibs” that improve the reliability of switching performance under dry circuit, corrosive atmosphere and fine dust conditions. For more extreme conditions, the Logic Level contact blocks described below are recommended.

Table 47-159. Standard Contact Block Ratings — Maximum Amperes

Current	AC Volts A600				DC Volts P300		
	120	240	480	600	24/28	125	250
Make & Emergency Int. Capacity	60	30	15	12	5.73	1.1	0.55
Normal Load Break	6	3	1.5	1.2	5.73	1.1	0.55
Continuous Current					10		

Logic Level Contact Blocks — Feature palladium contacts. Palladium, which is more inert than gold, is well suited for voltages and currents approaching zero. When mounted in an enclosure rated for highly corrosive environments, logic level contact blocks can be used where exposure to chemicals may cause failure to other types of materials.

Table 47-160. Maximum Ratings for Logic Level and Hostile Atmosphere Application ①

Maximum Amperes 0.5A ①
Maximum Volts 120V AC/DC

^① Logic level contact blocks are UL A600/P500 rated per table above.

Table 47-162. Contact Block Selection Table

Contact Block Type ^⑥	Circuit	Pressure Terminals				Quick Connect Terminals ^⑤	
		STANDARD		LOGIC LEVEL		STANDARD	
		Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
	1NO 	600 Volt AC, 250 Volt DC — Single Circuit					
	1NC 	E30KLA1		E30KLAE1		E30KLB1	
 Screw Terminals	1NO-1NC 	600 Volt AC, 250 Volt DC — Two Circuit					
	2NO 	E30KLA3		E30KLAE3		E30KLB3	
	2NO 	E30KLA4		E30KLAE4		E30KLB4	
	2NC 	E30KLA5		E30KLAE5		E30KLB5	
	Special Contact Operation		E30KLA6 ^③		—		E30KLB6 ^③
	1NO-1NC Overlapping 						
	2NO (One Early Closing) 	E30KLA7 ^③		—		E30KLB7 ^③	
	2NC (One Late Opening) 	E30KLA8		—		E30KLB8	
 Quick Connect Terminals	1NO-1NC 	120 Volt AC Only — Two Circuit					
	1NO-1NC 	E30KLA9 ^④		—		E30KLB9 ^④	

③ Do not use with maintained operators.

- ④ Contacts must be same polarity.

⑤ Supplied with non-stacking screws. Limited to 2 contact blocks mounted in positions 1 and 5.

⑥ Individually boxed contact blocks master packed 10 per carton.

Discount Symbol **1CD1C**