



16 Amp At-Motor IEC Disconnect Switches

“Extending the Wide Range of Switch Disconnectors.”

Bulletin 194E

Rockwell Automation introduces the Allen-Bradley 194E load switches. The new 16 amp disconnect switches broaden the possibilities for At-Motor control. This small, light, compact design provides flexibility, ruggedness and functionality. A variety of handles and enclosures offer various options needed in a motor disconnect switch.

- **Finger Safe Design** – IP20 of all live parts and terminals, including accessories
- **Fast Assembly** – Snap-on modular accessories
- **Easy Wiring** – Terminals with self-centering cable guides
- **Global Certifications** –  







Front mounting switch
3P ON-OFF, front mounting
194E-E16-1753



Base mounting switch
3P ON-OFF, base mounting
194E-A16-1753

Selection of Handles

	Description	Cat. No.
54 x 54 mm		
	G Grey legend plate, black knob ring O/OFF-I/ON provision for 3 padlocks	194E-HE4G-175
54 x 54 mm		
	N Yellow legend plate, red knob ring O/OFF-I/ON provision for 3 padlocks	194E-HE4N-175
48 x 48 mm		
	A Black knob, silver-grey legend plate OFF-ON	194E-HE4A-175I
	E Black knob, silver-grey legend plate OFF-ON (accepts 1 padlock-not included)	194E-HE4E-175I
48 x 48 mm		
	I Red knob, yellow legend plate OFF-ON	194E-HE4I-175I
	L Red knob, yellow legend plate OFF-ON (accepts 1 padlock-not included)	194E-HE4L-175I

• O-1 legend can be ordered by eliminating I at the end of catalog number string.

Switches with Handles



Description	Cat. No.
3P ON-OFF, front mounting with handle type A	194E-E16-1753-4A
3P ON-OFF, front mounting with handle type G	194E-E16-1753-4G
3P ON-OFF, front mounting with handle type N	194E-E16-1753-4N
3P ON-OFF, base mounting with handle type A	194E-A16-1753-4A
3P ON-OFF, base mounting with handle type G	194E-A16-1753-4G
3P ON-OFF, base mounting with handle type N	194E-A16-1753-4N

HANDLE STYLES 4E, 4I, or 4L are also available as a switch with handle kit.

Specifications Overview

Electrical Data				Environmental Data 194E-16			
General use 1-phase/2 poles, 3-phase/3 poles Rated operational voltage Rated continuous current Heavy pilot duty (AC) code designation Standard duty (DC) designation		600V		Ambient Temperature: Operation -25°C ... +60°C Storage -40°C ... +80°C			
		16A		Mechanical Data 194E-16			
		A600		Protection class according to IEC/EN 60529 Handles		IP66	
		-		Switch bodies		IP20	
Motor rating 60Hz Single phase/2 poles 120V 1P 240V 1P 480V 1P 600V 1P Three phase/3 poles 120V 3P 240V 3P 480V 3P 600V 3P		HP	FLA	Mechanical life (million operations)		0.2	
		1	16	Max. wire gauges		A4	
		2	12	Terminal sizes according to IEC/EN 60947-1			
		3	8.5	Fine strands mm²			
		5	11.2	Rigid wire/stranded mm²		1-10	
		2	13.6	Max. wire gauges according to UL/CSA (stranded/solid) AWG		10/8	
		3	9.6	Terminals type thread screwdriver size tightening torque (Nm)		Screw	
		7.5	11			3.5	
		10	11			3/2	
						1.4	

Accessories

	Description	Cat. No.
	4th pole NP for 16A base mounting	194E-A16-NP
	4th pole NP for 16A front mounting	194E-E16-NP
	Earth terminal for 16A base mounting	194E-A16-PE
	Earth terminal for 16A front mounting	194E-E16-PE
	Neutral terminal for 16A base mounting	194E-A16-TN
	Neutral terminal for 16A front mounting	194E-E16-TN
	N.O. Auxiliary contact early break base mounting	194E-A16-PD10
	N.O. Auxiliary contact early break front mounting	194E-E16-PD10
	For Additional Auxiliary Contacts P11, PL11 and P22, see catalog sections for Bul. 194E and Bul. 194L control and load switches.	
	Terminal cover 1P for 16A	194E-16-C1
	Terminal cover 3P for 16A	194E-16-C3
	6P Mechanical coupling for 16A	194E-G3821
	Metal shaft extension 0-1 L=90 ... 235mm	194L-G3393
	Metal shaft extension 0-1 L=230 ... 350mm	194L-G3394

Enclosures

	Description	Cat. No.
	3 pole	
	3P ON-OFF Sw. in enclosure with actuator type A	194E-Y16M-1753-4A
	3P ON-OFF Sw. in enclosure with actuator type G	194E-Y16M-1753-4G
	3P ON-OFF Sw. in enclosure with actuator type N	194E-Y16M-1753-4N
	<i>3 pole M 16/20 IP66</i>	
	6 pole	
	6P ON-OFF Sw. in enclosure with actuator type A	194E-Y16M-1756-6A
	6P ON-OFF Sw. in enclosure with actuator type G	194E-Y16M-1756-6G
	6P ON-OFF Sw. in enclosure with actuator type N	194E-Y16M-1756-6N
	<i>6 pole M 25/32 IP66</i>	

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