

Bulletin 194L Control and Load Switches

- Ratings up to 25 A
- Wide Selection of Functions and Switching Positions
- Screw and Central Fixture
- Front- and Base Mounting
- Finger-Proof Switch Bodies per IP20
- Water Spray and Dust-Proof Actuator per IP65
- Easily Accessible Terminals
- Clearly Marked Terminals

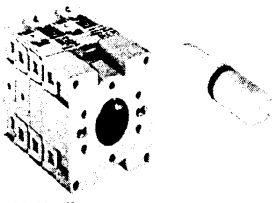
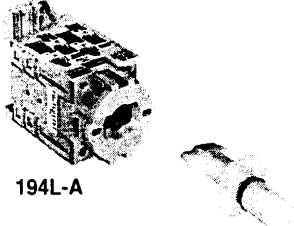
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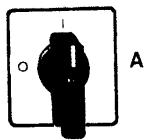
Control and Load Switches

Individual Components: Type Description

Switch Bodies

 <p>194L-E</p>  <p>194L-A</p> <p style="text-align: center; margin-top: 20px;">+</p>	For Front/Door Installation	Cat. No.
	Switch body with screw fixture Also for central fixture in conjunction with Bulletin 194L-HC actuators	194L-E
	For Base/DIN Rail Mounting	194L-A
	Switch bodies with screw fixture or for DIN Rail (EN 50 022-35) mounting (includes door linkage, ON-OFF switch with door interlock) Rated operating current of the switching elements	12 A 12 16 A 16 20 A 20 25 A 25
	Circuit Diagram No. (from pages 10-20...10-32)	xxxx

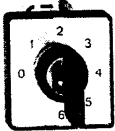
Bulletin 194L
Control and Load Switches
Actuators



A



B



C



D



E



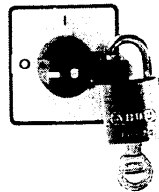
G



I



N



L

Protection Class IP65

Cat. No.

		194L-HC		
Actuator with central fixture for Bulletin 194L-E (installed with included module)				
Standard switch, Type A Black front ring, black knob, silver-grey legend plate 48 x 48 mm			4A	
Standard switch, Type B With front ring, black knob, without legend plate			B	001
Lock Actuator, Type C Black front ring, silver-grey legend plate 48 x 48 mm RONIS lock No.152		Control knob position:		4CC
				4CD
				4CG
Lock Actuator, Type D With front ring, without legend plate RONIS lock No. 152		Control knob position:		4CH
				4CK
				DC
				DD
				DD
				DG
				DH
				DK
Main switch, Type E Black front ring and knob, provision for 1 padlock, silver-grey legend plate 48 x 48 mm				4E
Main switch, Type G Grey legend plate, black knob, provision for 3 padlocks, 67 x 67 mm				6G
Emergency stop, Type I Black ring, red knob, yellow legend plate 48 x 48 mm				4I
Main switch/emergency stop, Type L Black ring, red knob, provision for 1 padlock, yellow front plate 48 x 48 mm				4L
Main switch/emergency stop, Type N Yellow legend plate, red knob, provision for 3 padlocks, 67 x 67 mm				6N
Legend plate No. (from pages 10-20...10-32)				xxxz ①
Actuator without legend plate				001
For special switches, see page 10-34 and 10-36				

① The letter "z" indicates a different inscription with the same diagram (e.g., 175 I for ON/OFF instead of 175 for 0-1)

Actuators, continued

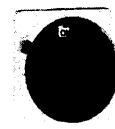
Protection Class IP65



A



E



G



I



L



N



P, Q



S

Cat. No.

Actuators with screw fixtures

194L-HE

for Bulletin 194L-E and 194L-A switches

Standard switch, Type A

Black front ring and knob
 silver-grey legend plate

4A
6A

Main switch, Type E

Black front ring and knob, provision for 1 padlock
 silver-grey legend plate

4E
6E

Main switch, Type G

Grey legend plate, black knob, provision for 3 padlocks
 67 x 67 mm

6G

Emergency Stop, Type I

Black front frame, red knob
 yellow legend plate

4I
6I

Main switch/emergency stop, Type L

Black frame, red knob, provision for 1 padlock
 yellow legend plate

4L
6L

Main switch/emergency stop, Type N

Yellow legend plate, red knob, provision for 3 padlocks,
 Size: 67 x 67 mm

6N

With 45 mm panel cut-out, Type P

Grey cap, black knob, Size: 45 x 54 mm

4P

With 45 mm panel cut-out, total depth 69 mm, Type Q

Grey cap, black knob (see page 10-8)
 For rated currents of 12 A and 16 A with up to 6 poles

Standard switch, Type A, with silver-grey label, Type S

Black front frame,
 silver-grey legend plate

4S
6S

Legend plate No.:

(enter form selection tables on pages 10-17...10-32)

xxxz

Actuator without legend plate

001

① The letter "z" indicates a different inscription with the same diagram (e.g., 175 I for ON/OFF instead of 175 for 0-1)

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Switch Body and Actuator Combinations











Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting			
					Cat. No.		194L-E		Cat. No.		194L-A	
					Rated Current [A]				Rated Current [A]			
Function	Circuit Diagram	Poles	Switch Banks	Circuit Diagram No.	12	16	20	25	12	16	20	25
ON-OFF Switches		1	1	1501	12	16	20	25				
		2	1	1502	12	16	20	25				
		3	2	1503	12	16	20	25				
		4	2	1504	12	16	20	25				
		5	3	1505	12	16	20	25				
		6	3	1506	12	16	20	25				
 60°		1	1	1751	12	16	20	25	12	16	20	25
		2	1	1752	12	16	20	25	12	16	20	25
		3	2	1753	12	16	20	25	12	16	20	25
		4	2	1754	12	16	20	25	12	16	20	25
		5	3	1755	12	16	20	25	12	16	20	25
		6	3	1756	12	16	20	25	12	16	20	25
 90°		4	2	1764	12	16	20	25	12	16	20	25
		4	2	1774	12	16	20	25	12	16	20	25
 90°		5	3	1765	12	16	20	25	12	16	20	25
		4	2	1781	12	16	20	25	12	16	20	25
 90°		2	1	1782	12	16	20	25	12	16	20	25
		3	2	1783	12	16	20	25	12	16	20	25
		4	2	1784	12	16	20	25	12	16	20	25
		1	1	9751	12	16	20	25	12	16	20	25
 90°/30°		1	1	9001	12	16	20	25	12	16	20	25
		1	1	9011	12	16	20	25	12	16	20	25
 30°		1	1	9021	12	16	20	25	12	16	20	25
		1	1	9251	12	16	20	25	12	16	20	25
 30°		1	1	9021	12	16	20	25	12	16	20	25
		1	1	9251	12	16	20	25	12	16	20	25
 45°		1	1	9021	12	16	20	25	12	16	20	25
		1	1	9251	12	16	20	25	12	16	20	25

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Bulletin 194L

Control and Load Switches


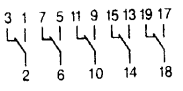

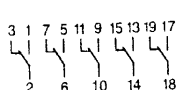
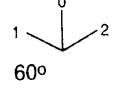

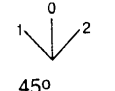
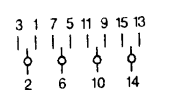
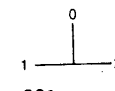
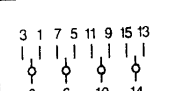
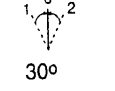
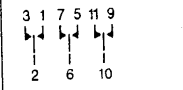
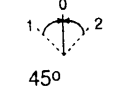
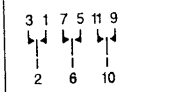
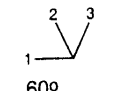
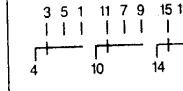
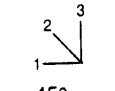
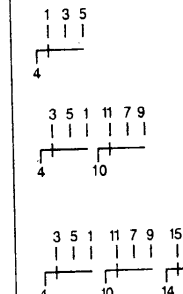
Individual Components: Product Selection

Actuator			For Screw Fixture							For Central Fixture										
			Cat. No. 194L-HE							Cat. No. 194L-HC										
Switch position	Legend plate size	Legend plate No.	Actuator type							Actuator type										
			A	E	G	I	L	N	P	S	A	B	C	D	E	I	L	G	N	
All	none	001																		
	4 6	001 150 150	A A A	E E E		I I						A	B	C	D					
	4 6	001 175 175	A A A	E E E	G-⓪	I I	L	N-⓪	P	S S		A	B	C	D	E	I	L	G-⓪	N-⓪
	4 6	175I 175I	A A	E E								A		C		E	I	L		
	4 6	001 178 178	A A A	E E E	G-⓪					N-⓪		A	B	C	D					
	4 6	178I 178I	A A	E E								A		C						
	4 6	001 975 975	A A A	E E E								A	B		D					
	4 6	001 900 900	A A A	E E E								A	B		D					
	4 6	001 901 901	A A A	E E E								A	B		D					
	4 6	001 902 902	A A A	E E E								A	B		D					
	4 6	001 925 925	A A A	E E E								A	B		D					











⓪ With both 0-1 and OFF/ON markings

Bulletin 194L
Control and Load Switches
Individual Components: Product Selection

Switch Body and Actuator Combinations

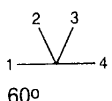
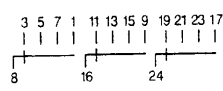
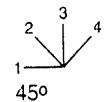
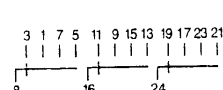
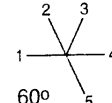
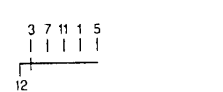
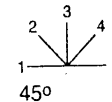
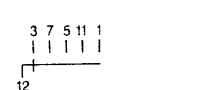
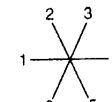
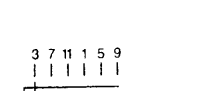
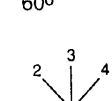
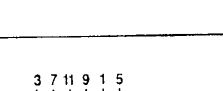
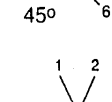
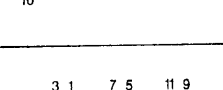
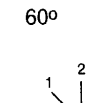
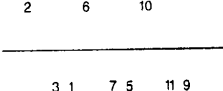
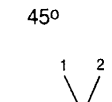
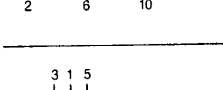
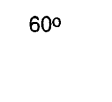
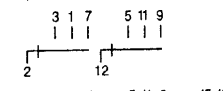
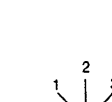
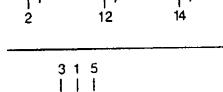
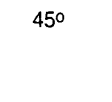
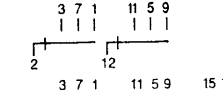

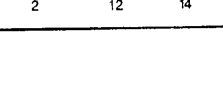
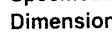
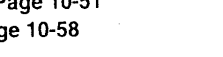
Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting				
					Cat. No.		194L-E		Cat. No.		194L-A		
					Rated Current [A]				Rated Current [A]				
Function Switching angle	Circuit Diagram	Poles	Switch Banks	Circuit Diagram No.	12	16	20	25	12	16	20	25	
Changeover Switches	 60°		1	1	2501	12	16	20	25				
			2	2	2502	12	16	20	25				
			3	3	2503	12	16	20	25				
			4	4	2504	12	16	20	25				
			5	5	2505	12	16	20	25				
	 45°		1	1	2251	12	16	20	25	12	16	20	25
			2	2	2252	12	16	20	25	12	16	20	25
			3	3	2253	12	16	20	25				
			4	4	2254	12	16	20	25				
			5	5	2255	12	16	20	25				
	 60°		1	1	3501	12	16	20	25				
			2	2	3502	12	16	20	25				
3			3	3503	12	16	20	25					
4			4	3504	12	16	20	25					
 45°		1	1	3251	12	16	20	25	12	16	20	25	
		2	2	3252	12	16	20	25	12	16	20	25	
		3	3	3253	12	16	20	25	12	16	20	25	
		4	4	3254	12	16	20	25	12	16	20	25	
 90°		1	1	3751	12	16	20	25					
		2	2	3752	12	16	20	25					
		3	3	3753	12	16	20	25					
		4	4	3754	12	16	20	25					
 30°		1	1	3001	12								
		2	2	3002	12								
		3	3	3003	12								
 45°		1	1	3261	12								
		2	2	3262	12								
		3	3	3263	12								
Step Switches	 60°		1	2	4501	12	16	20	25				
			2	3	4502	12	16	20	25				
			3	5	4503	12	16	20	25				
	 45°		1	2	4251	12	16	20	25	12	16	20	25
			2	3	4252	12	16	20	25				
			3	5	4253	12	16	20	25				

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Actuator			For Screw Fixture									For Central Fixture					
Switch position	Legend plate size	Legend plate No.	Cat. No. 194L-HE									Cat. No. 194L-HC					
			Actuator type									Actuator type					
All	None	001	A	E	G	I	L	N	P	S	A	B	C	D	E	I	L
	4 6	001 250 250	A A A								A	B	C				
	4 6	001 225 225	A A A						P		A	B	C	D			
	4 6	001 350 350	A A A								A	B	C	D			
	4 6	001 325 325	A A A						P	S	A	B	C	D			
	4 6	325R 325R	A A						P		A		C				
	4 6	001 375 375	A A A						P		A	B	C	D			
	4 6	001 300 300	A A A								A	B		D			
	4 6	001 325 325	A A A							S	A	B	C	D			
	4 6	001 450 450	A A A								A	B	C	D			
	4 6	001 425 425	A A A								A	B	C	D			

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection











Switch Body and Actuator Combinations

Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting					
					Cat. No.		194L-E		Cat. No.		194L-A			
Function Switching angle	Circuit Diagram	Poles	Switch Banks	Circuit Diagram No.	Rated Current [A]				Rated Current [A]					
					12	16	20	25	12	16	20	25		
Step Switches														
 60°		1	2	4511	12	16	20	25						
 45°		1	2	4261	12	16	20	25	12	16	20	25		
 60°		1	3	4521	12	16	20	25						
 45°		1	3	4271	12	16	20	25	12	16	20	25		
 60°		1	3	4531	12	16	20	25						
 45°		1	3	4281	12	16	20	25	12	16	20	25		
 60°		1	1	5501	12	16	20	25						
 45°		1	1	5251	12	16	20	25						
 60°		1	2	5511	12	16	20	25						
 60°		2	3	5512	12	16	20	25						
 60°		3	5	5513	12	16	20	25						
 45°		1	2	5261	12	16	20	25	12	16	20	25		
 45°		2	3	5262	12	16	20	25						
 45°		3	5	5263	12	16	20	25						

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Control and Load Switches

Individual Components: Product Selection













Actuator			For Screw Fixture									For Central Fixture						
			Cat. No. 194L-HE									Cat. No. 194L-HC						
Switch position	Legend plate size	Legend plate No.	Actuator type									Actuator type						
			A	E	G	I	L	N	P	S	A	B	C	D	E	I	L	
All	none	001																
	4 6	001 451 451	A A A									A	B		D			
	4 6	001 426 426	A A A									A	B	C	D			
	4 6	001 452 452	A A A									A	B	C	D			
	4 6	001 427 427	A A A									A	B	C	D			
	4 6	001 453 453	A A A									A	B	C	D			
	4 6	001 428 428	A A A									A	B	C	D			
	4 6	001 550 550	A A A									A	B	C	D			
	4 6	001 525 525	A A A									A	B	C	D			
	4 6	001 551 551	A A A									A	B	C	D			
	4 6	001 526 526	A A A									A	B	C	D			

Bulletin 194L
Control and Load Switches
Individual Components: Product Selection

Switch Body and Actuator Combinations


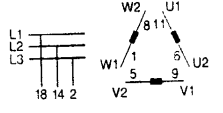
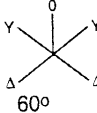
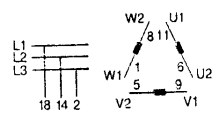

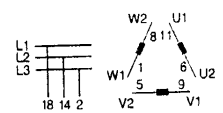

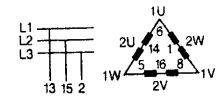

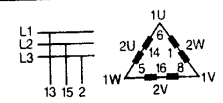

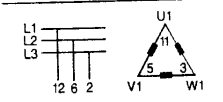
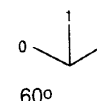
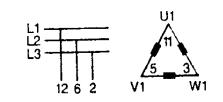
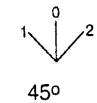
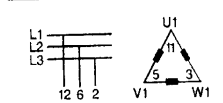
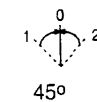
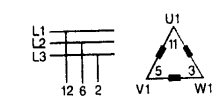
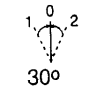
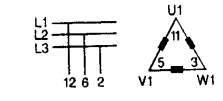
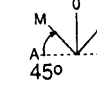
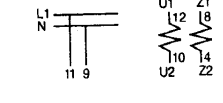

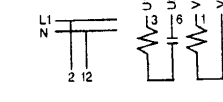
Switch body					For Front/Door Mounting				For Base/DIN Rail Mounting			
					Cat. No.		194L-E		Cat. No.		194L-A	
					Rated Current [A]				Rated Current [A]			
Function	Circuit Diagram	Pole	Switch Banks	Circuit Diagram No.	12	16	20	25	12	16	20	25
Step Switches												
60°		1	2	5521	12	16	20	25				
		2	4	5522	12	16	20	25				
		3	6	5523	12	16	20	25				
45°		1	2	5271	12	16	20	25	12	16	20	25
		2	4	5272	12	16	20	25				
		3	6	5273	12	16	20	25				
30°		1	2	5001	12	16	20	25				
		2	4	5002	12	16	20	25				
		3	6	5003	12	16	20	25				
60°		1	3	5531	12	16	20	25				
		2	5	5532	12	16	20	25				
		3	8	5533	12	16	20	25				
45°		1	3	5281	12	16	20	25	12	16	20	25
		2	5	5282	12	16	20	25				
		3	8	5283	12	16	20	25				
30°		1	3	5011	12	16	20	25				
		2	5	5012	12	16	20	25				
		3	8	5013	12	16	20	25				
45°		1	3	5291	12	16	20	25	12	16	20	25
		2	6	5292	12	16	20	25				
30°		1	3	5021	12	16	20	25				
		2	6	5022	12	16	20	25				
45°		1	4	5341	12	16	20	25				
Star-Delta Switches												
60°		3	4	7503	12	16	20	25				
45°/90°		3	4	7253	12	16	20	25	12	16	20	25
45°/90°		3	4	7323	12	16	20	25	12	16	20	25

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Actuator			For Screw Fixture							For Central Fixture						
			Cat. No. 194L-HE							Cat. No. 194L-HC						
Switch position	Legend plate size	Legend plate No.	Actuator type							Actuator type						
			A	E	G	I	L	N	P	S	A	B	C	D	E	I
All	None	001														
	4 6	001 552 552	A A A									A	B		D	
	4 6	001 527 527	A A A									A	B	C	D	
	4 6	001 500 500	A A A									A	B		D	
	4 6	001 553 553	A A A									A	B		D	
	4 6	001 528 528	A A A									A	B	C	D	
	4 6	001 501 501	A A A									A	B		D	
	4 6	001 529 529	A A A									A	B	C	D	
	4 6	001 502 502	A A A									A	B		D	
	4 6	001 534 534	A A A									A	B	C	D	
	4 6	001 750 750	A A A									A	B		D	
	4 6	001 725 725	A A A									A	B	C	D	
	4 6	001 732 732	A A A									A	B		D	

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Switch Body and Actuator Combinations

Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting			
					Cat. No. 194L-E				Cat. No. 194L-A			
					Rated Current [A]				Rated Current [A]			
Function Switching angle	Circuit Diagram	Poles	Switch Banks	Circuit Diagram No.	12	16	20	25	12	16	20	25
Star-Delta Switches												
 60°		3	4	7553	12	16	20	25	12	16	20	25
Star-Delta Reversing Switches												
 60°		3	5	7513	12	16	20	25				
 45°/90°		3	5	7283	12	16	20	25				
Dahlander Switches												
 60°		3	4	7523	12	16	20	25				
 60°		3	4	7533	12	16	20	25				
 60°		3	4	7293	12	16	20	25	12	16	20	25
Reversing Switches												
 60°		3	3	7543	12	16	20	25				
 45°		3	3	7303	12	16	20	25	12	16	20	25
 45°		3	3	7313	12	16	20	25	12	16	20	25
 30°		3	3	7003	12	16	20	25				
 45°		3	3	7342	12	16	20	25				
 45°		2	3	7352	12	16	20	25				

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Control and Load Switches

Individual Components: Product Selection

Actuator			For Screw Fixing								For Central Fixing						
			Cat. No. 194L-HE								Cat. No. 194L-HC						
Switch position	Legend plate size	Legend plate No.	Actuator type								Actuator type						
			A	E	G	I	L	N	P	S	A	B	C	D	E	I	L
All	None	001															
	4 6	001 755 755	A A A								A	B		D			
	4 6	001 751 751	A A A								A	B		D			
	4 6	001 728 728	A A A								A	B		D			
	4 6	001 752 752	A A A								A	B		D			
	4 6	001 350 350	A A A								A	B	C	D			
	4 6	001 325 325	A A A						S S		A	B		D			
	4 6	001 350 350	A A A								A	B	C	D			
	4 6	001 325 325	A A A						S S		A	B	C	D			
	4 6	001 325 325	A A A						S S		A	B	C	D			
	4 6	001 300 300	A A A								A	B		D			
	4 6	001 734 734	A A A								A	B		D			
	4 6	001 325 325	A A A						S S		A	B		D			

Control and Load Switches

Individual Components: Product Selection

Switch Body and Actuator Combinations

Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting					
					Cat. No.		194L-E		Cat. No.		194L-A			
Function	Circuit Diagram	Pole	Switch Banks	Circuit Diagram No.	Rated Current [A]				Rated Current [A]					
Switching angle					12	16	20	25	12	16	20	25		
Starters		2	2	7332	12	16	20	25						
Voltmeter Selector Switches		—	3	8251	12				12					
		—	2	8261	12				12					
		—	2	8271	12				12					
		—	2	8281	12				12					
		—	2	8291	12				12					
		—	4	8322	12				12					
		—	3	8332	12				12					

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Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Actuator			For Screw Fixing							For Central Fixing							
			Cat. No. 194L-HE							Cat. No. 194L-HC							
Switch position	Legend plate size	Legend plate No.	Actuator type							Actuator type							
			A	E	G	I	L	N	P	S	A	B	C	D	E	I	L
All	None	001															
	4	001	12														
	6	733	12									A	B		D		
	6	733	12														
	4	001	12							P		A	B		D		
	6	825	12														
	4	825A	12							P		A					
	6	825A	12														
	4	001	12							P		A	B		D		
	6	826	12														
	4	001	12							P		A	B		D		
	6	827	12														
	4	827A	12							P		A					
	6	827A	12														
	4	001	12									A	B		D		
	6	828	12														
	4	001	12									A	B		D		
	6	829	12														
	4	829A	12							P		A					
	6	829A	12														
	4	001	12									A	B		D		
	6	832	12														
	4	832A	12							P		A					
	6	832A	12														
	4	001	12									A	B		D		
	6	833	12														
	4	833A	12							P		A					
	6	833A	12														






Control and Load Switches

Individual Components: Product Selection

Switch Body and Actuator Combinations

Switch Body					For Front/Door Mounting				For Base/DIN Rail Mounting			
					Cat. No.		194L-E		Cat. No.		194L-A	
					Rated Current [A]				Rated Current [A]			
Function	Circuit Diagram	Pole	Switch Banks	Circuit Diagram No.	12	16	20	25	12	16	20	25
Ammeter Selector Switch												
3 c.t.'s		1	3	8751	12				12			
90°		2	5	8752	12							
4 c.t.'s		1	4	8761	12				12			
90°												
1 c.t.		1	1	8771	12				12			
90°												
Group Switches												
2 Groups O-A-(A+B)		-	1	6501	12	16	20	25				
60°												
3 Groups O-A-(A+B)-(A+B+C)		-	2	6511	12	16	20	25				
60°												

Bulletin 194L
Control and Load Switches
 Individual Components: Product Selection

Actuator			For Screw Fixing								For Central Fixing									
			Cat. No. 194L-HE								Cat. No. 194L-HC									
Switch position	Legend plate size	Legend plate No.	Actuator type								Actuator type									
			A	E	G	I	L	N	P	S	A	B	C	D	E	I	L			
All	None	001																		
	4 6	001 875 875	A A A							P			A	B		D				
	4 6	001 876 876	A A A										A	B		D				
	4 6	001 178 178	A A A										A	B	C	D				
	4 6	001 550 550	A A A										A	B		D				
	4 6	001 551 551	A A A										A	B		D				

