

Cam Switches, Manual Motor Controllers, Disconnects

For Single phase Applications

Circuit function diagram	Front Plate No. 4)	Main contacts (Number of power poles)	Auxiliary contacts	Max. HP Rating 50-60 Hz, single-phase UL/CSA			Current Rating UL/CSA	Basic type for ..., insert mounting form	For use as	
				115 V HP	200 V HP	230 V HP			Cover mounting Padlockable, red handle with yellow collar, suitable as Emergency-Stop	Mounting form Article No.
	FS 908	N.O.	N.O. N.C.	115 V HP	200 V HP	230 V HP	A			
Motor disconnect switches										
	1	0	0	3/4	2	2	14	T0-1-8200/...	EA/SVB-NA 104448	
				1 1/2	3	3	25	T3-1-8200/...	EA/SVB-NA 104749	
				3	7 1/2	10	65	T5B-1-8200/...	EA/SVB-NA 104872	
	2	0	0	3/4	2	2	14	T0-1-102/...	EA/SVB-NA 104368	
				1 1/2	3	3	25	T3-1-102/...	EA/SVB-NA 104726	
				3	7 1/2	10	65	T5B-1-102/...	EA/SVB-NA 104852	
	3	0	0	1 1/2	3	3	20	P1-25/...	EA/SVB 041097	
				2	3	5	30	P1-32/...	EA/SVB 081438	
				3	7 1/2	10	60	P3-63/...	EA/SVB 031607	
				5	10	15	100	P3-100/...	EA/SVB 074320	
Motor disconnect switches with load shedding auxiliary contact										
	3	1	1	1 1/2	3	3	20	P1-25/...	EA/SVB/HI11 091080	
				2	3	5	30	P1-32/...	EA/SVB/HI11 072567	
				3	7 1/2	10	60	P3-63/...	EA/SVB/HI11 019891	
				5	10	15	100	P3-100/...	EA/SVB/HI11 029383	



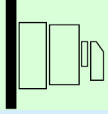
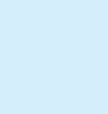
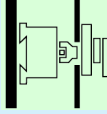
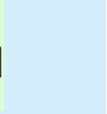
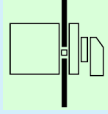
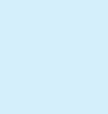
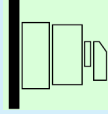
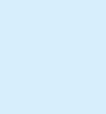
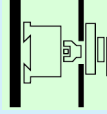

Notes:

- 1) Surface mounting enclosures are IEC type, totally insulated, corrosion-resistant rated IP 65, NEMA rated 3R, 12.
- 2) All handles supplied in the above combinations are padlockable in the OFF position. Switches with red handles and yellow collars (...SVB) are suitable as Emergency-Stop main disconnect switches per Machinery Directive Standard EN 60 204-1. In applications where the switch is not intended to fulfill the Emergency-Stop function, use black handle and collar (...SVB-SW).
- 3) All switches are UL listed and CSA certified as manual controllers, additionally evaluated as motor disconnects per the intent of NEC. All switches are in compliance with IEC/EN 60 947-3 (switch-disconnectors) and are CE marked. For IEC ratings consult Moeller Electric.
- 4) All front plates shown may be exchanged at the time of the order at no extra charge. The prerequisite is that switching angles, the number of positions and the location of position 0 must be identical; → pages 07/052 and 053 for ordering details. English front plates supplied with the switches as shown in the catalog, can be exchanged for their French equivalent by adding the FS... number shown with suffix -F to the switch type (Example: T0-1-8200/EA/SVB-NA+FS908-F).

Cam Switches, Manual Motor Controllers, Disconnects

For Single phase Applications

UL / CSA / IEC / CE

Emergency-Stop device				without Emergency-Stop function					
Surface mounting ¹⁾		Base mounting		Cover mounting		Surface mounting 1)		Base mounting	
Padlockable red handle with yellow collar suitable as Emergency-Stop		Padlockable, red handle with yellow collar suitable as Emergency-Stop		Padlockable, black handle and collar		Padlockable black handle and collar		Padlockable, black handle and collar	
									
									
Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list
I2/SVB-NA 109822		V/SVB-NA 104454		EA/SVB-SW-NA 109836		I2/SVB-SW-NA 109850		V/SVB-SW-NA 109844	
I2/SVB-NA 109823		V/SVB-NA 104755		EA/SVB-SW-NA 109839		I2/SVB-SW-NA 109851		V/SVB-SW-NA 109845	
I4/SVB-NA 109824		V/SVB-NA 104877		EA/SVB-SW-NA 109840		I4/SVB-SW-NA 109852		V/SVB-SW-NA 109846	
I2/SVB-NA 109825		V/SVB-NA 104377		EA/SVB-SW-NA 109841		I2/SVB-SW-NA 109853		V/SVB-SW-NA 109847	
I2/SVB-NA 109826		V/SVB-NA 104732		EA/SVB-SW-NA 109842		I2/SVB-SW-NA 109854		V/SVB-SW-NA 109848	
I4/SVB-NA 109827		V/SVB-NA 104857		EA/SVB-SW-NA 109843		I4/SVB-SW-NA 109855		V/SVB-SW-NA 109849	
I2/SVB-NA 255886		V/SVB 055335		EA/SVB-SW 048365		I2/SVB-SW-NA 255885		V/SVB-SW 050738	
I2/SVB-NA 255891		V/SVB 095676		EA/SVB-SW 053111		I2/SVB-SW-NA 255892		V/SVB-SW 055484	
I4/SVB-NA 255897		V/SVB 048218		EA/SVB-SW 057857		I4/SVB-SW-NA 255898		V/SVB-SW 060230	
I5/SVB-NA 255903		V/SVB 088558		EA/SVB-SW 062603		I5/SVB-SW-NA 255904		V/SVB-SW 064976	
I2/SVB/HI11-NA 255888		V/SVB/HI11 095826		EA/SVB-SW/HI11 070194		I2/SVB-SW/HI11-NA 255889		V/SVB-SW/HI11 098199	
I2/SVB/HI11-NA 255894		V/SVB/HI11 015145		EA/SVB-SW/HI11 012772		I2/SVB-SW/HI11-NA 255895		V/SVB-SW/HI11 017518	
I4/SVB/HI11-NA 255901		V/SVB/HI11 024637		EA/SVB-SW/HI11 022264		I4/SVB-SW/HI11-NA 255900		V/SVB-SW/HI11 027010	
I5/SVB/HI11-NA 255906		V/SVB/HI11 034129		EA/SVB-SW/HI11 031756		I5/SVB-SW/HI11-NA 255907		V/SVB-SW/HI11 036502	

Cam Switches, Manual Motor Controllers, Disconnects

For Single phase Applications

Circuit function diagram	Front Plate No. ³⁾	Main contacts (Number of power poles)	Auxiliary contacts	Max. HP rating 50-60 Hz, single-phase UL/CSA	Current rating UL/CSA		Cover mounting Front IP 65				
	FS 908	N.O.	N.O. N.C.	115 V HP 200 V HP 230 V HP	A	Basic type for, insert mounting form	Mounting form Article No. Price see price list				
On-Off switches, with black handle and silver-colored front plate											
	1	0 0	0 0	3/4	2	2	14	T0-1-8200/...	E-NA 104447		
				1 1/2	3	3	25	T3-1-8200/...	E-NA 104748		
				3	7 1/2	10	65	T5B-1-8200/...	E-NA 104871		
	2	0 0	0 0	3/4	2	2	14	T0-1-102/...	E-NA 104367		
				1 1/2	3	3	25	T3-1-102/...	E-NA 104725		
				3	7 1/2	10	65	T5B-1-102/...	E-NA 104851		
	3	0 0	0 0	3/4	2	2	14	T0-2-1/...	E-NA 104475		
				1 1/2	3	3	20	P1-25/...	E 038724		
				2	3	5	30	P1-32/...	E 079065		
				3	7 1/2	10	60	P3-63/...	E 026861		
	3	0 0	0 0	3/4	2	2	14	T0-2-15679/...	E 029387		
				1 1/2	3	3	20	P1-25/...	E/Hi11 045998		
				2	3	5	30	P1-32/...	E/Hi11 062609		
				3	7 1/2	10	60	P3-63/...	E/Hi11 079220		
	3	1 1	1 1	3/4	2	2	14	T0-3-15098/...	E-NA 109869		
				1 1/2	3	3	25	T3-3-15098/...	E-NA 104764		
				Fractional HP motor reversing switch, auxiliary winding							
					FS 1665	6	0 0	3/4	2	2	14
	6	0 0	0 0	1 1/2	3	3	25	T3-3-15098/...	E-NA 104764		

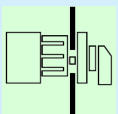
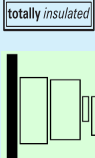
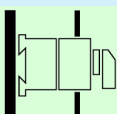
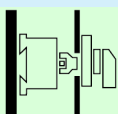
Notes

- Surface mounting enclosures are IEC type, totally insulated, corrosion-resistant to IP 65, NEMA rated 3R, 12.
- Above switches are identical to the selection on pages 07/012 and 013, except that the associated handle is not padlockable. Exception: P3-.../IVS can be padlocked in the Off position. All above handles are black with light grey front plate.
- All front plates shown may be exchanged at the time of the order at no extra charge. The prerequisite is that switching angles, the number of positions and the location of position 0 must be identical; → pages 07/052 and 053 for ordering details. English front plates supplied with the switches as shown in the catalog, can be exchanged for their French equivalent by adding the FS... number shown with suffix -F to the switch type (Example: T0-1-8200/E-NA+FS908-F).

Cam Switches, Manual Motor Controllers, Disconnects

UL / CSA / IEC / CE




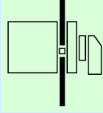



For Single phase Applications

Center mounting Front IP 65 22.5 mm opening		Surface mounting 1) Enclosure		Base mounting with cover Front IP 30		Base mounting with cover mounted handle and coupling drive Front IP 65	
							
Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list
EZ-NA 104449		I2-NA 109874		IVS-NA 109892		Z-NA 104455	
EZ-NA 104750		I2-NA 109875		-		Z-NA 104756	
-		I4-NA 109876		-		Z-NA 104878	
EZ-NA 104369		I2-NA 109877		IVS-NA 109893		Z-NA 104378	
EZ-NA 104727		I2-NA 109878		-		Z-NA 104733	
-		I4-NA 109879		-		Z-NA 104858	
EZ-NA 104477		I2-NA 109880		IVS-NA 109894		Z-NA 104483	
EZ 041250		I2-NA 255884		IVS 052962		Z 057708	
EZ 048369		I2-NA 255890		IVS 093303		Z 098049	
-		I4-NA 255896		IVS 041099		Z 050591	
-		I5-NA 255902		IVS 081439		Z 090931	
EZ 031760		I2 109885		IVS 036506		Z 041252	
EZ/HI11 048371		I2/HI11-NA 109886		IVS/HI11 053117		Z/HI11 057863	
EZ/HI11 064982		I2/HI11-NA 109887		IVS/HI11 069728		Z/HI11 074474	
-		I4/HI11-NA 109888		IVS/HI11 081593		Z/HI11 086339	
-		I5/HI11-NA 109889		IVS/HI11 091085		Z/HI11 093304	
EZ-NA 109872		I2-NA 109890		IVS-NA 109896		Z-NA 109897	
EZ-NA 104765		I2-NA 109891		-		Z-NA 104767	

Cam Switches,
Motor Disconnect Switches

Cam Switches, Manual Motor Controllers, Disconnects

For Single phase Applications

Circuit function diagram	Front plate No. ³⁾	Main contacts (Number of power poles)	Auxiliary contacts	Max. HP rating 50-60 Hz, single-phase UL/CSA			Current rating UL/CSA		Cover mounting Front IP 65	
				115 V HP	200 V HP	230 V HP	A		Mounting form Article No.	Price see price list
	FS 908 GE	N.O.	N.O. N.C.					Basic type for ..., insert mounting form		
Emergency-Stop switches, with red handle and yellow front plate										
		1	0 0	¼	2	2	14	T0-1-8200/...	E-RT-NA 109898	
				1 ½	3	3	25	T3-1-8200/...	E-RT-NA 109899	
				3	7 ½	10	65	T5B-1-8200/...	E-RT-NA 109900	
		2	0 0	¼	2	2	14	T0-1-102/...	E-RT-NA 109901	
				1 ½	3	3	25	T3-1-102/...	E-RT-NA 109902	
				3	7 ½	10	65	T5B-1-102/...	E-RT-NA 109903	
		3	0 0	¼	2	2	14	T0-2-1/...	E-RT-NA 109904	
				1 ½	3	3	20	P1-25/...	E-RT 002388	
				2	3	5	30	P1-32/...	E-RT 003197	
				3	7 ½	10	60	P3-63/...	E-RT 005743	
				5	10	15	100	P3-100/...	E-RT 007189	

Notes

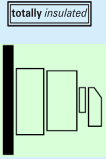
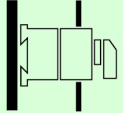
- Surface mounting enclosures are IEC type, totally insulated, corrosion-resistant rated IP 65, NEMA rated 3R, 12.
- Above switches are identical to the selection on pages 07/012 and 013, except that the associated handle assembly is red with yellow background, making them suitable for Emergency-Stop applications. Handles are not padlockable. For padlockable handles used in Emergency-Stop applications, → 07/048.
- All front plates shown may be exchanged at the time of the order at no extra charge. The prerequisite is that switching angles, the number of positions and the location of position 0 must be identical; → pages 07/052 and 053 for ordering details. English front plates supplied with the switches as shown in the catalog, can be exchanged for their French equivalent by adding the FS... number shown with suffix -F to the switch type (Example: T0-1-8200/E-RT-NA+FS908-F).

Cam Switches, Manual Motor Controllers, Disconnects

UL / CSA / IEC / CE



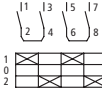

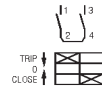

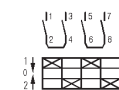



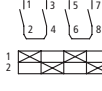

For Single phase Applications

Cam Switches,
Motor Disconnect Switches

Surface mounting ²⁾ Enclosure		Base mounting with cover Front IP 30	
			
Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list
I2-RT-NA 109905		IVS-RT-NA 109916	
I2-RT-NA 109906		-	
I4-RT-NA 109907		-	
I2-RT-NA 109908		IVS-RT-NA 109917	
I2-RT-NA 109909		-	
I4-RT-NA 109910		-	
I2-RT-NA 109911		IVS-RT-NA 109918	
I2-RT-NA 255887		IVS-RT 013140	
I2-RT-NA 255893		IVS-RT 022632	
I4-RT-NA 255899		IVS-RT 045845	
I5-RT-NA 255905		IVS-RT 086185	

totally insulated

T Cam Switches For Single phase Applications

Circuit function diagram	Front Plate No. ³⁾	Main contacts (Number of power poles)	Max. HP rating 50-60 Hz, single-phase UL/CSA				Current rating UL/CSA	Basic type for ..., insert mounting form	Cover mounting Front IP 65	Mounting form Article No.	Price see price list
			N.O.	115 V HP	200 V HP	230 V HP					
Change-over switches with OFF position											
	 FS 684	1	3/4	2	2	14	T0-1-8210/...	E	012742		
			1 1/2	3	3	25	T3-1-8210/...	E	054718		
			3	7 1/2	10	65	T5B-1-8210/...	E	094261		
	 FS 684	2	3/4	2	2	14	T0-2-8211/...	E	022234		
			1 1/2	3	3	25	T3-2-8211/...	E	061837		
			3	7 1/2	10	65	T5B-2-8211/...	E	093094		
Change-over switches with OFF position with spring-return from both directions to "0"											
	 FS 147474	1	3/4	2	2	14	T0-1-8214/...	E-NA	104459		
			1 1/2	3	3	25	T3-1-8214/...	E-NA	109919		
	 FS 4011	2	3/4	2	2	14	T0-2-8215/...	E	022236		
			1 1/2	3	3	25	T3-2-8215/...	E	016751		
Change-over switches without OFF position											
	 FS 943	1	3/4	2	2	14	T0-1-8220/...	E	031728		
			1 1/2	3	3	25	T3-1-8220/...	E	038108		
	 FS 943	2	3/4	2	2	14	T0-2-8221/...	E	038847		
			1 1/2	3	3	25	T3-2-8221/...	E	045227		
			3	7 1/2	10	65	T5B-2-8221/...	E	093047		

Notes:

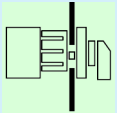
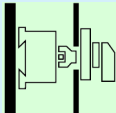
- ¹⁾ Surface mounting enclosures are IEC type, totally insulated, corrosion-resistant rated IP 65, NEMA rated 3R, 12.
- ²⁾ All handles supplied with above switches are black with light gray front plate.
- ³⁾ All front plates shown may be exchanged at the time of the order at no extra charge. The prerequisite is that switching angles, the number of positions and the location of position 0 must be identical; → pages 07/052 and 053 for ordering details. English front plates supplied with the switches as shown in the catalog, can be exchanged for their French equivalent by adding the FS... number shown with suffix -F to the switch type (Example: T0-1-8214/E-NA+FS147474-F).

T Cam Switches

For Single phase Applications

UL / CSA / IEC / CE

Cam Switches,
Motor Disconnect Switches

Center mounting Front IP 65		Surface mounting ¹⁾ Enclosure		Base mounting with cover Front IP 30		Base mounting with cover mounted handle and coupling drive Front IP 65	
							
Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list	Mounting form Article No.	Price see price list
EZ 048337		I2-NA 109921		IVS 074440		Z 019862	
EZ 003072		I2-NA 109922		-		Z 057091	
-		I4-NA 109923		-		Z 094258	
EZ 053083		I2-NA 109924		IVS 076813		Z 029354	
EZ 003075		I2-NA 109925		-		Z 064210	
-		I4-NA 109926		-		Z 093082	
EZ-NA 104460		I2-NA 109927		IVS-NA 109936		Z-NA 104462	
EZ-NA 109920		I2-NA 109928		-		Z-NA 109937	
EZ 081561		I2-NA 109929		IVS 048340		Z 053093	
EZ 001074		I2-NA 109930		-		Z 019124	
EZ 095799		I2-NA 109931		IVS 055459		Z 086312	
EZ 001018		I2-NA 109932		-		Z 040481	
EZ 010372		I2-NA 109933		IVS 057832		Z 074450	
EZ 001025		I2-NA 109934		-		Z 047600	
-		I4-NA 109935		-		Z 093044	