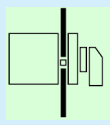
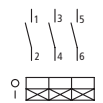

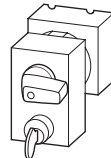
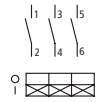

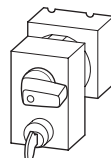
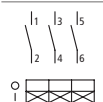

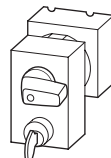
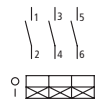

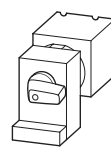
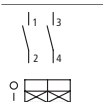




Cam Switches

Switches with Locking Arrangements


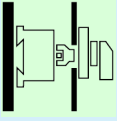


Circuit function diagram	Front Plate No. ⁴⁾	No. of poles	Max. HP rating 50-60 Hz three-phase UL/CSA				Current rating UL/CSA	Cover mounting	Type	Price
			200 V HP	230 V HP	460 V HP	575 V HP	A		Article No.	see price list
Switches with locking arrangements, Type KMS 1 key										
Panic switches without Emergency-Stop function ²⁾ with type SVA cylinder lock										
The key can be withdrawn in OFF and ON positions. If the key is withdrawn in the ON position, the switch can still be turned to OFF, but cannot be switched back to ON again without the key.										
	 FS 908	3	3	3	10	10	14		T0-2-1/E/SVA(S) 050977	
			5	5	10	15	20		P1-25/E/SVA(S) 050966	
			7 1/2	10	20	25	30		P1-32/E/SVA(S) 044977	
			5	7 1/2	15	15	25		T3-2-1/E/SVA(S) 050983	
ON-OFF switches without Emergency-Stop function ²⁾ with type SVA cylinder lock										
Key can be withdrawn only in OFF position (position A in diagram at right)										
	 FS 908	3	3	3	10	10	14		T0-2-1/E/SVA(A) 050976	
			5	5	10	15	20		P1-25/E/SVA(A) 050965	
			7 1/2	10	20	25	30		P1-32/E/SVA(A) 050970	
			5	7 1/2	15	15	25		T3-2-1/E/SVA(A) 050982	
Panic switches with Emergency-Stop function ³⁾ with type SVA cylinder lock										
The key can be withdrawn in OFF and ON positions. If the key is withdrawn in the ON position, the switch can still be turned to OFF, but cannot be switched back to ON again without the key.										
	 FS 908 GE	3	3	3	10	10	14		T0-2-1/E/SVA(S)-RT 044971	
			5	5	10	15	20		P1-25/E/SVA(S)-RT 050967	
			7 1/2	10	20	25	30		P1-32/E/SVA(S)-RT 050971	
			5	7 1/2	15	15	25		T3-2-1/E/SVA(S)-RT 044972	
Panic switches with Emergency-Stop function ³⁾ with type SVC padlocking feature										
Locking slide can be padlocked in OFF and ON positions. If the locking slide is padlocked in the ON position with a padlock, the switch can still be turned OFF, but cannot be switched back to ON without a removal of the padlock.										
	 FS 908 GE	3	3	3	10	10	14		T0-2-1/E/SVC(S)-RT 044973	
			5	5	10	15	20		P1-25/E/SVC(S)-RT 044974	
			7 1/2	10	20	25	30		P1-32/E/SVC(S)-RT 044975	
			5	7 1/2	15	15	25		T3-2-1/E/SVC(S)-RT 044976	
ON-OFF switches without Emergency-Stop function with S-T0 key operation, light gray nameplate										
Key can be withdrawn only in OFF position (position A)										
	 FS 908	2	Single phase 115 V HP		200/230V HP	-	14		T0-1-102/EZ/S 014933	

Cam Switches

Switches with Locking Arrangements

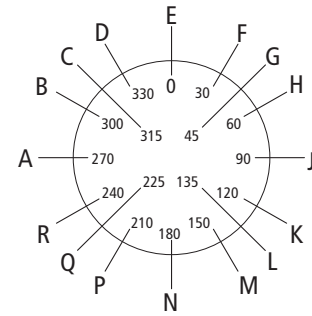
UL / CSA / IEC / CE

Cam Switches,
Motor Disconnect Switches

Surface mounting Enclosure ¹⁾		Base mounting with cover mounted handle and coupling drive	
			
Type	Price	Type	Price
Article No.	see price list	Article No.	see price list
T0-2-1/I2/SVA(S)-NA 110107		-	
P1-25/I2/SVA(S)-NA 110108		-	
P1-32/I2/SVA(S)-NA 110109		-	
T3-2-1/I2/SVA(S)-NA 110110		-	
T0-2-1/I2/SVA(A)-NA 110111		T0-2-1/Z/SVA(A) 050978	
P1-25/I2/SVA(A)-NA 110112		P1-25/Z/SVA(A) 050969	
P1-32/I2/SVA(A)-NA 110113		P1-32/Z/SVA(A) 050973	
T3-2-1/I2/SVA(A)-NA 110114		T3-2-1/Z/SVA(A) 050984	
T0-2-1/I2/SVA(S)-RT-NA 110115		-	
P1-25/I2/SVA(S)-RT-NA 110116		-	
P1-32/I2/SVA(S)-RT-NA 110117		-	
T3-2-1/I2/SVA(S)-RT-NA 110118		-	
T0-2-1/I2/SVC(S)-RT-NA 110119		-	
P1-25/I2/SVC(S)-RT-NA 110120		-	
P1-32/I2/SVC(S)-RT-NA 110121		-	
T3-2-1/I2/SVC(S)-RT-NA 110122		-	
 ⁵⁾ T0-1-102/I2/S-NA 110123		 T0-1-102/Z/S 014971	

Notes:

- ¹⁾ Surface mounting enclosures are IEC type, totally insulated, corrosion-resitant rated IP 65. NEMA rated 3R, 12.
- ²⁾ With black handle and light gray nameplate.
- ³⁾ With red handle and yellow nameplate, per IEC/EN 60 204-1 Machinery Directive.



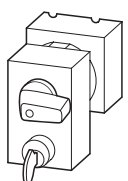
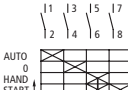

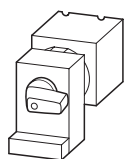
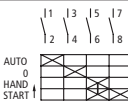

Code letters corresponding to lockable switch positions

Letter S for panic lock with FS908GE

- 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: T0-2-1/E/SVA(S)+FS908-F)
- ⁵⁾ Degree of protection IP 53

Cam Switches

Switches with Locking Arrangements

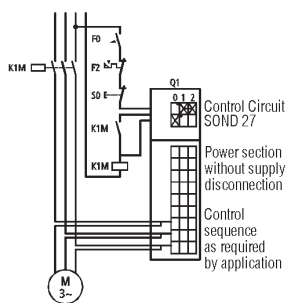
Circuit function diagram	Front Plate No. ¹⁾	Current rating UL/CSA	Cover mounting	Type Article No.	Price see price list
A					
Switches with locking arrangements, type KMS 1 key					
HAND/AUTO switch with type SVA cylinder lock					
	The key can be withdrawn in all positions. If the key is withdrawn in HAND position, then START can be actuated without the key, but not position 0 (only permissible with separate OFF switch)				
		14		T0-2-15907/E/SVA(C,E,G-J) 050979	
	FS 1413890	25		T3-2-15907/E/SVA(C,E,G-J) 050985	
HAND/AUTO switch with SVC padlocking feature					
	Locking slide can be padlocked in all positions. If the locking slide is padlocked in the HAND position, the START can be actuated without removal of the padlock, but not the 0 position (only permissible with separate OFF switch)				
		14		T0-2-15907/E/SVC(C,E,G-J) 044996	
	FS 1413890	25		T3-2-15907/E/SVC(C,E,G-J) 044997	

Contactor interlocking control circuits

Control section for standard contactor interlocking circuits: The electrical interlocking of a rotary cam switch and contactor provides a clean and economical solution to a wide range of control function tasks. For example; remote disconnection via a stop switch, overload protection via overload relays, protection against automatic restarting after a power failure or overload, OFF position interlocking, etc.

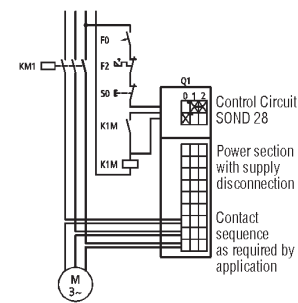
The examples shown at right (each standardized contactor interlocking circuit is issued a "SOND..." identification number) are but a few of the possible application schemes which can be realized by the combination of these components. Note: if the contact sequence of a standard switch is intended to contain a contactor interlocking circuit scheme as well, it can be ordered from the cam switch catalog K 115 (consult Moeller Electric) or as a non-standard switch.

SOND 27



Supply disconnection only by contactor. Restarting possible only after reset with cam switch in the Off position. Used mainly for star-delta switches (only at 60° or 90° switching angles.)

SOND 28




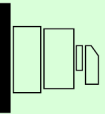
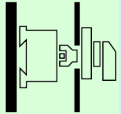
Supply disconnection by combining both contactor and cam switch. Restarting: same as SOND 27. Used mainly for star-delta, transfer and multi-speed switch applications (only at 60° or 90° switching angles.)

Cam Switches

Switches with Locking Arrangements

UL / CSA / IEC / CE

Cam Switches, Motor Disconnect Switches

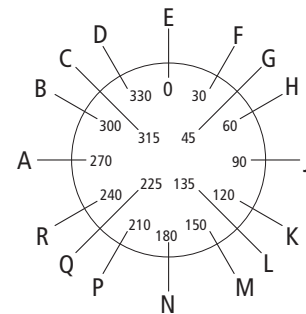
Surface mounting Enclosure ¹⁾		Base mounting with cover mounted handle and coupling drive	
			
			
Type Article No.	Price see price list	Type Article No.	Price see price list
T0-2-15907/I2/SVA(C,E,G-J)-NA 110124		-	
T3-2-15907/I2/SVA(C,E,G-J)-NA 110125		-	
T0-2-15907/I2/SVC(C,E,G-J)-NA 110126		T0-2-15907/Z/SVC(C,E,G-J) 050980	
T3-2-15907/I2/SVC(C,E,G-J)-NA 110127		T3-2-15907/Z/SVC(C,E,G-J) 050986	

Notes:

Suitable for actuating electronic devices
 Rated uninterrupted current I_u 20 A
 Rated operational current I_e
 AC-15 220 – 240 V 6 A
 380 – 415 V 4 A
 AC-21A 12 A
 DC-13 32 V per contact 10 A
 Further technical data → page 07/072

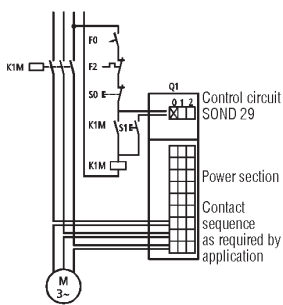
Rotary switches with a SVA locking arrangement can also be used as operating mode selector switches for the purposes of EU Machinery Directive 89/392 (minimum switching angle 60°)

Code letters for lockable switch positions



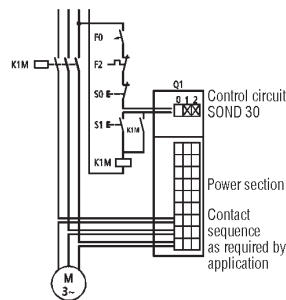
¹⁾ All front plates shown may be exchanged at the time of the order at no extra charge. The prerequisite is that switching angles, the number of positions and the location of position 0 must be identical; → pages 07/052 and 053 for ordering details.
 English front plates supplied with the switches as 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:
 T0-2-15907/E/SVA(C,E,G-J)+FS1413890-F.

SOND 29



Power applied by contactor only when cam switch is in the Off position (OFF position interlock).
 Use primarily for star-delta, transfer and multi-speed switch applications.

SOND 30



Power applied by contactor only when cam switch is switched to the run positions. Each change in switch position causes contactor to drop out.
 Used for transfer and multi-speed switch applications.