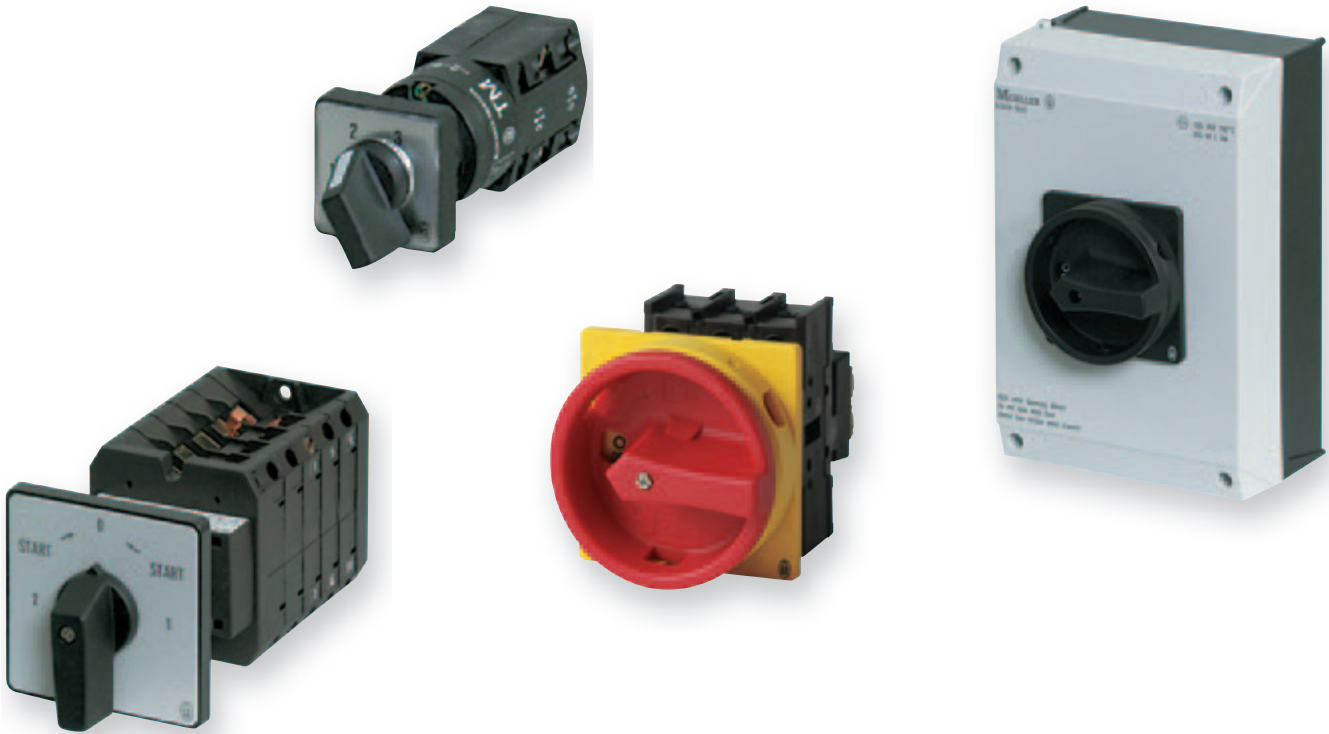


Cam switches T and switch disconnectors P





# T Cam switches

## P Switch-disconnectors up to 315 A

The high performance and robust cam switch and switch-disconnector are used in industry, manual applications and building services management. Ten basic switch types in four different construction types can be selected in a multitude of standard contact sequences and a wide performance range.



### T/TM Cam switches

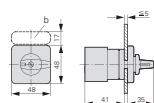
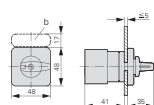
Performance up to 10/132 kW +++ Non-standard switches possible (see Online Catalog) +++ Several construction types

### P switch-disconnectors

Performance up to 110 kW and 315 A +++ Switches up to 100 A (P1, P3) in housing IP65 +++ Four construction types

### Switch for ATEX Zone 22

T Cam switches +++ Switch-disconnector up to 100 A (P1, P3) +++ IP65 Protection type



## Cam switches, switch-disconnectors

### Technical overview

Cam switches, switch-disconnectors . . . . . 2

### System overview

Cam switches . . . . . 4  
Switch-disconnectors . . . . . 6

### Description

Key to part numbers, modular system . . . . . 8

### Ordering

Switch-disconnectors, main switches maintenance/manual override switches . . . . . 10  
Switch-disconnectors – On-Off switches . . . . . 22  
Switch-disconnectors – safety switches . . . . . 30  
Switch-disconnectors – changeover switches . . . . . 32  
Switch-disconnectors – reversing switches . . . . . 38  
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Control switches - step switches . . . . . 42  
Control switches - On-Off switches . . . . . 46  
Control switches - changeover switches, manual/automatic switches . . . . . 48  
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Universal control switches . . . . . 52  
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Main switch assembly kits, thumb-grips, maintenance key . . . . . 58  
Front plates . . . . . 59  
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Coupling drive, interlock parts, shaft extension . . . . . 65  
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Non-standard switches . . . . . 79

### Technical data

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Switch-disconnectors, auxiliary contacts . . . . . 92  
Cam switch . . . . . 94

### Dimensions

Cam switches, switch-disconnectors . . . . . 100

## Mini rotary switches

### Technical overview

Mini rotary switches . . . . . 2

### Description

Key to part numbers, modular system . . . . . 9

### System overview

Mini rotary switches . . . . . 68

### Ordering

Control circuit isolator, ON/OFF switches . . . . . 60  
Changeover switches . . . . . 71  
Hand/Auto switches . . . . . 72  
Control switch - step switch . . . . . 72  
Control switches - group switches, ON/ OFF switches, reversing switches, coding switches . . . . . 75  
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Non-standard switches . . . . . 83

### Technical data



















Mini rotary switches . . . . . 99

### Dimensions

Mini rotary switches . . . . . 111

# (Mini) cam switches, switch-disconnector

## T, P, TM

	<b>Switch, basic type</b>	<b>Part no.</b>	<b>TM</b>	<b>T0</b>	<b>T3</b>	<b>T5B</b>	
	<b>Max. motor rating</b>		3.0 kW	6.5 kW	13 kW	22 kW	
	<b>AC-23 A, 400/415 V, 50/60 Hz</b>						
	<b>Max. rated operational current I<sub>n</sub></b>		≅ 10 A	20 A	32 A	63 A	
<b>Switch-disconnectors</b>							
	Main switches, maintenance/manual override switches		–	→ 10	→ 10	→ 10	
	On-Off switches		→ 70	→ 22	→ 22	→ 22	
	Safety switches with warning label		–	–	–	→ 30	
	Changeover switches		–	→ 32	→ 32	→ 32	
	Reversing switch with 0 position		–	→ 38	→ 38	→ 38	
	Star-delta switches		–	→ 38	→ 38	→ 38	
	Reversing star-delta switches		–	→ 38	→ 38	→ 38	
	Multi-speed switch		–	→ 40	→ 40	→ 40	
	Reversing multi-speed switches		–	→ 40	→ 40	→ 40	
<b>Control switch</b>							
	Step switch		→ 72	→ 42	–	–	
	On-Off switches		–	→ 46	–	–	
	Changeover switches		→ 71	→ 48	–	–	
	Manual/Auto switches		→ 72	→ 48	–	–	
	Push button switch		–	→ 50	–	–	
	Universal control switches		–	→ 52	–	–	
	Coding switches		→ 76	→ 52	–	–	
	Series switches		–	→ 52	–	–	
	Instrument selector switches		–	→ 54	–	–	
	Group switches		→ 75	–	–	–	
	ON OFF button		→ 75	–	–	–	
	Reversing switch		→ 76	–	–	–	
<b>Switches with interlocks</b>							
	Panic switches without emergency switching off function		–	→ 56	–	–	
	On-Off switches without Emergency-Stop function		–	→ 56	–	–	
<b>Non-standard switches</b>							
<b>Mounting form</b>							
		Surface mounting	.../I... ATEX 	–	✓	✓	✓
		Surface mounting main switches	.../I.../SVB... ATEX 	–	✓	✓	✓
		Mounting	.../E...	✓	✓	✓	✓
		Flush mounting main switch	.../E(A)/SVB...	✓	✓	✓	✓
		Center mounting	.../EZ...	✓	✓	✓	–
		Rear mounting	.../Z...	–	✓	✓	✓
		Rear mounting main switches	.../V/SVB...	–	✓	✓	✓
		Service distribution board mounting	.../IVS...	✓	✓	–	–

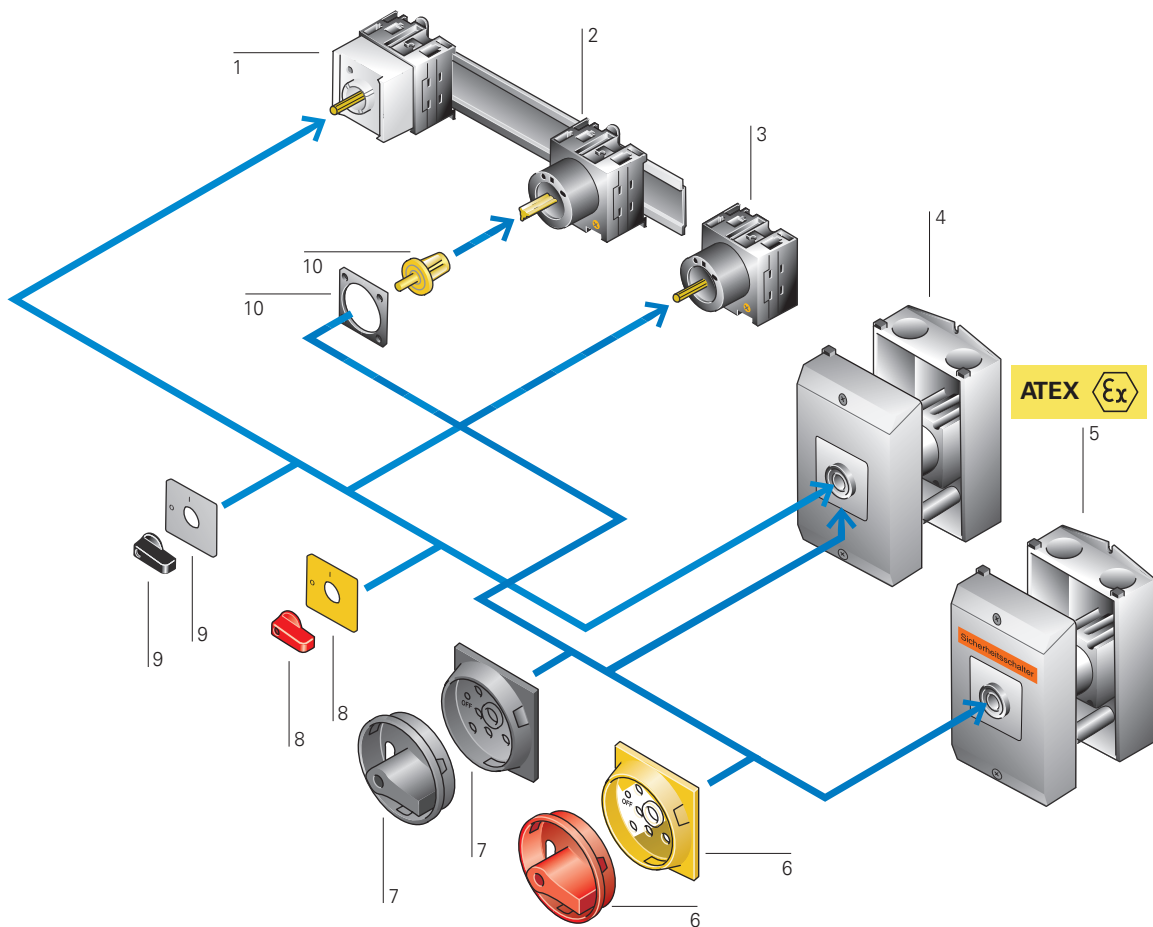


# Cam switches, switch-disconnectors

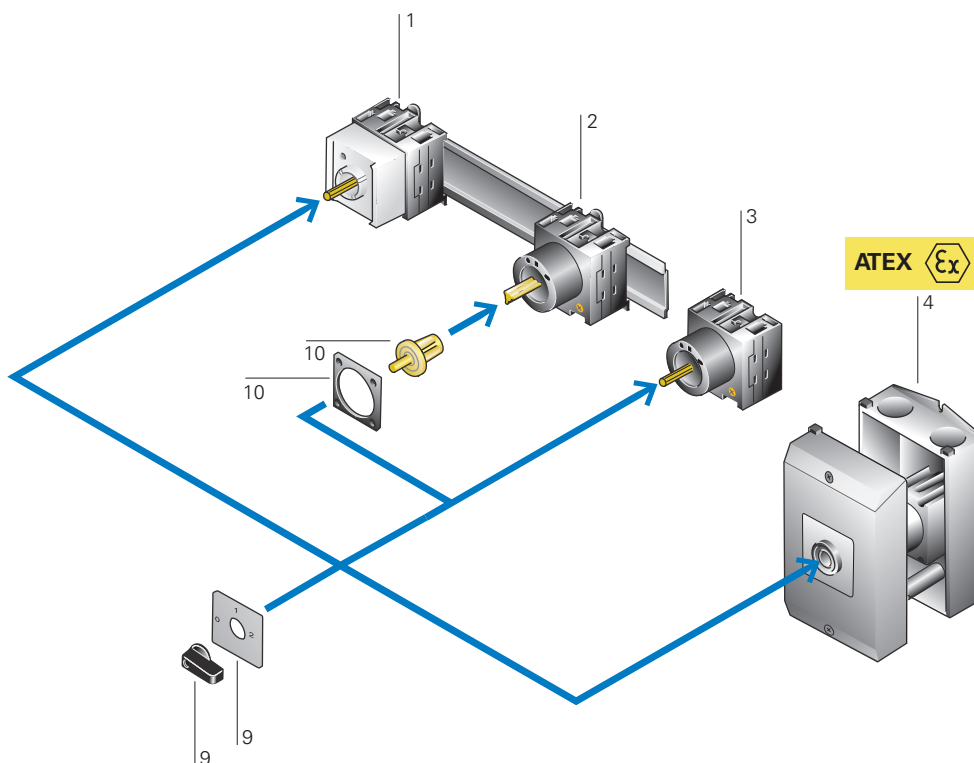
Cam switches



## System overview

ON-OFF switches T0, T3, T5B, T5



Control switches T0, T3, T5B, T5

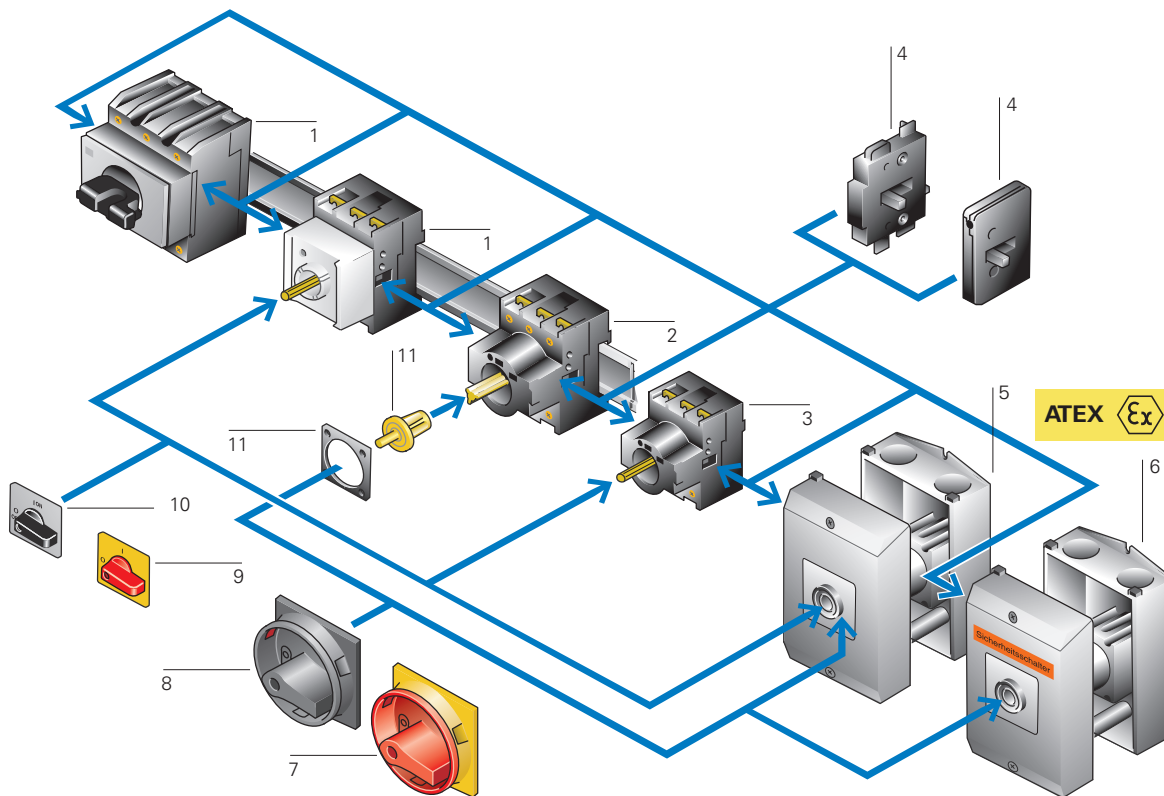


<b>Service distribution board mounting (.../IVS)</b> 1	<b>Flush mounting main switch (.../EA/SVB)</b> 3	<b>Surface mounting main switch (.../I...)</b> 4	<b>Main switch (kit) for use as emergency switching off device</b> 6
Front IP30	Front IP65	IP65	To IEC/EN 60204-1, VDE 0113 part 1
Can be snapped onto top-hat rail as per IEC/EN 60715 (only T0 and T3)	To IEC/EN 60204, VDE 0113 and IEC/EN 60947-3,	<b>totally insulated</b>	With red rotary handle and yellow locking collar
Mounting	For T0...: up to 8 contacts; For T3...: up to 12 contacts	To IEC/EN 60204, VDE 0113 and IEC/EN 60947-3,	Lockable in the 0 (Off) position
<ul style="list-style-type: none"> <li>In service distribution board up to 3 contact units (45 mm mounting depth)</li> <li>In control panel up to 11 contact units</li> </ul>	N and PE terminal	For T0...: up to 8 contacts; For T3...: up to 10 contacts	→ Page 58
→ Page 22	→ Page 10	Position 0 lockable with 3 padlocks	<b>Main switch (kit)</b> 7
<b>Rear mounting (.../Z)</b> 2	<b>Center mounting (.../EZ)</b> 3	Enclosures for metric cable glands to EN 50262	Black rotary handle and locking collar
Front IP65	Front IP65	With an additional terminal	Lockable in the 0 position
Fixing: optionally with screw fixing or snap fitting, only T0 und T3	Mounted in Ø 22.3 fixing hole to IEC/EN 60947-5-1	→ Page 10	→ Page 58
For snap fitting to IEC/EN 60715 top-hat rail	"One man mounting" by center fixing	<b>ATEX</b> 	<b>Thumb-grip, for use as emergency switching off device</b> 8
Drive coupling in door or cover	→ Page 22	→ Page 58	To IEC/EN 60204-1, VDE 0113 part 1
Connection from front	<b>Surface mounting (.../I...)</b> 4	<b>Safety switch (.../I...)</b> 5	Red thumb-grip and yellow front plate
→ Page 22	IP65	IP65	→ Page 58
<b>Rear mounting main switch (.../SVB)</b> 2	<b>totally insulated</b>	With an additional terminal	<b>Thumb-grip</b> 9
Front IP65	With an additional terminal	With cover fixing in 0 position	Black thumb-grip with front plate
To IEC/EN 60204, VDE 0113 and IEC/EN 60947-3	Enclosures for metric cable glands to EN 50262	Position 0 lockable with 3 padlocks	→ Page 58
For T0...: up to 8 contacts; For T3...: up to 12 contacts	→ Page 22	Enclosures for metric cable glands to EN 50262	<b>Coupling drive</b> 10
With door interlock in "I" position		"Safety Switch" label; color: orange	Including push-fit shaft
→ Page 10		→ Page 30	For the retrofitting of switch T0(T3)-.../XZ as rear mounting, spare part for T0(T3)/(P1)-...Z
<b>Flush mounting (.../E)</b> 3		<b>ATEX</b> 	For the conversion of T5(B).../E flush mounting switch to rear mounting, spare part for T5(B)/(P3)-...Z
Front IP65		→ Page 58	→ Page 65
Flush mounting and connection from rear			<b>Note:</b>
Terminals:			Cam switches T5 and T5B are only available with screw connections for fixing on a mounting plate.
Crosshead screwdriver Pozidrive			
T8 always with extension terminals			
→ Page 22			

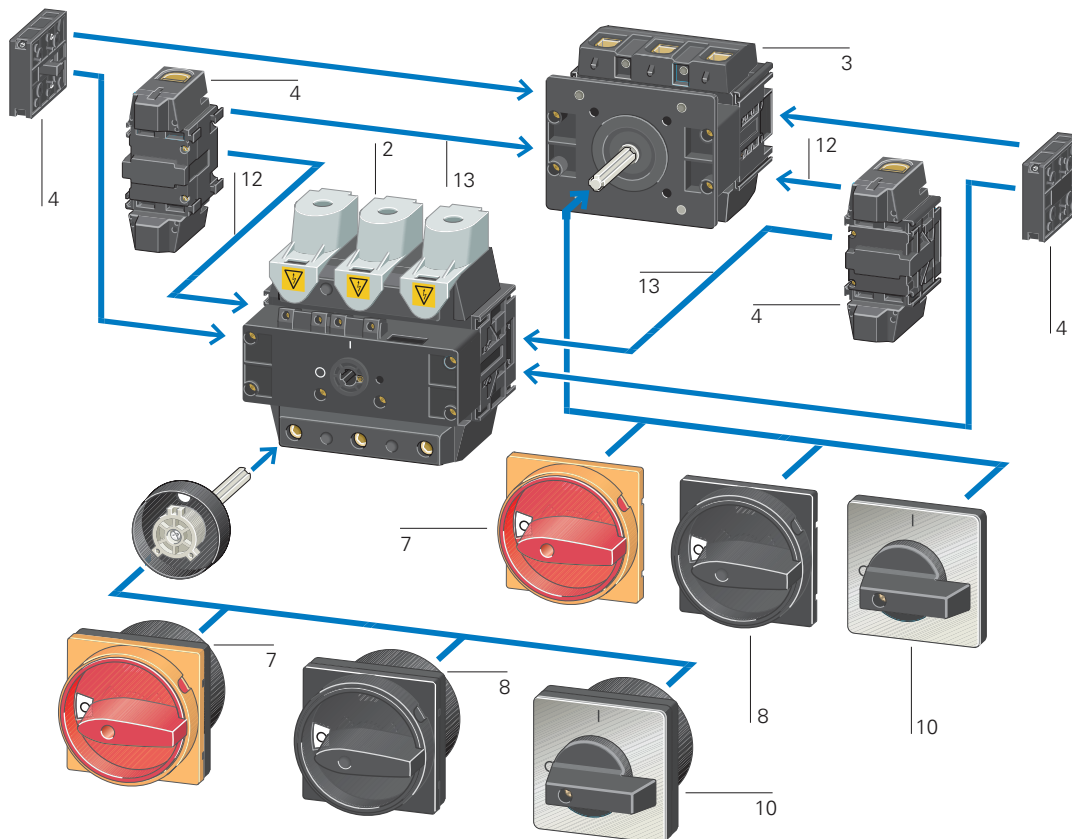
# Cam switches, switch-disconnectors

## Switch-disconnectors






### ON-OFF switches P1, P3



### ON OFF switches P5





<b>Service distribution board mounting (.../IVS)</b> 1	<b>Flush mounting (.../E)</b> 3	<b>Surface mounting main switch (.../I...)</b> 5	<b>Main switch (kit) for use as emergency switching off device</b> 7
Front IP30	Front IP65	IP65	To IEC/EN 60204-1, VDE 0113 Part 1
Fitting dimensions according to DIN 43880	Flush mounting and connection from rear		With red rotary handle and yellow locking collar
For snap fitting to top-hat rail according to IEC/EN 60715	Terminals: Crosshead screwdriver Pozidrive	With an additional terminal	Lockable in the 0 (Off) position
Space requirement	Back-of-hand proof	To IEC/ENEN 60204, VDE 0113 and IEC/EN 60947-3	→ Page 58
P1, 3 pole: 3 space units	2 add-on modules can be retrofitted	Position 0 lockable with 3 padlocks	<b>Main switch (kit)</b> 8
P3, 3 pole: 4 space units	→ Page 22	Installable add-on modules:	Black rotary handle and locking collar
P3-.../IVS lockable with padlock in "0" position	<b>Flush mounting main switch (.../EA/SVB)</b> 3	P1: HI 11-P1/P3 or N-P1..., P3: HI 11-P1/P3 and/or N-P5	Lockable in the 0 position
→ Page 22	Front IP65	Enclosures for metric cable glands to EN 50262	→ Page 58
<b>Rear mounting (.../Z)</b> 2	To IEC/ENEN 60204, VDE 0113 and IEC/EN 60947-3	→ Page 10	<b>Thumb-grip, for use as emergency switching off device</b> 9
Front IP65	N and PE terminal		To IEC/EN 60204-1, VDE 0113 Part 1
Fixing either by snap-on or screw fixing	Position 0 lockable with 3 padlocks	<b>ATEX</b> 	Red thumb-grip and yellow front plate
For snap fitting to top-hat rail according to IEC/EN 60715	2 add-on modules can be retrofitted	→ Page 58	→ Page 58
Drive coupling in door or cover	→ Page 10	<b>Safety switch (.../I...-SI)</b> 6	<b>Thumb-grip</b> 10
Connection from front	<b>Center mounting (.../EZ)</b> 3	IP65	Black thumb-grip with front plate
2 add-on modules can be retrofitted	Front IP65		→ Page 58
→ Page 22	Mounted in Ø 22.3 fixing hole to IEC/EN 60947-5-1	With an additional terminal	<b>Coupling drive</b> 11
<b>Rear mounting main switch (...V/SVB)</b> 2	"One man mounting" by center fixing	With cover fixing in 0 position	Including push-fit shaft
Front IP65	→ Page 22	Position 0 lockable with 3 padlocks	For retrofitting mounting switches T0(T3)-.../XZ as rear mounting design spare part for T0(T3)/(P1)-.../Z
To IEC/ENEN 60204, VDE 0113 and IEC/EN 60947-3	<b>Add-on modules</b> 4	"Safety Switch" label; color: orange	For converting flush mounting switches T5(B)-.../E into rear mounting switch spare part for T5(B)/(P3)-...Z
With door interlock in "I" position	Switchable N conductor (early-make N/O contact)	Enclosures for metric cable glands to EN 50262	→ Page 65
Maintenance key for commissioning or fault-finding	Auxiliary contacts	→ Page 30	<b>Ground terminal</b> 12
Position 0 lockable with 3 padlocks	Finger proof	<b>ATEX</b> 	Front mounting, right
2 add-on modules can be retrofitted	Auxiliary N/O contact: Always connected as a load-shedding contact (late-make on, late-break off)	→ Page 58	Service distribution board mounting, left
→ Page 10	→ Page 64		<b>Neutral terminal</b> 13
	<b>Surface mounting (.../I...)</b> 5		Front mounting, left
	IP65		Service distribution board mounting, right
			→ Page 64
	With an additional terminal		
	Installable add-on modules:		
	P1: HI 11-P1/P3 or N-P1..., P3: HI 11-P1/P3 and/or N-P5		
	Enclosures for metric cable glands to EN 50262		
	→ Page 22		

# Cam switches, switch-disconnectors

## Description

Cam switches can be used for many switching and control applications. For example as ON-OFF switches, main switches, main/control switches, instrument switches.

The switches consist of a hand actuator, the switch unit and the mounting accessories.

The contact chamber (contact unit = BE) contains 1 or 2 contacts.

Our "T Cam Switches" catalog has over 800 popular standard contact sequences (please request under K115D/F/GB, article no. 077643).

The following pages feature a selection of our standard contact sequences.

T cam switches and P switch-disconnectors are manufactured without PCB, CFC, asbestos and silicon. The contacts are cadmium free.

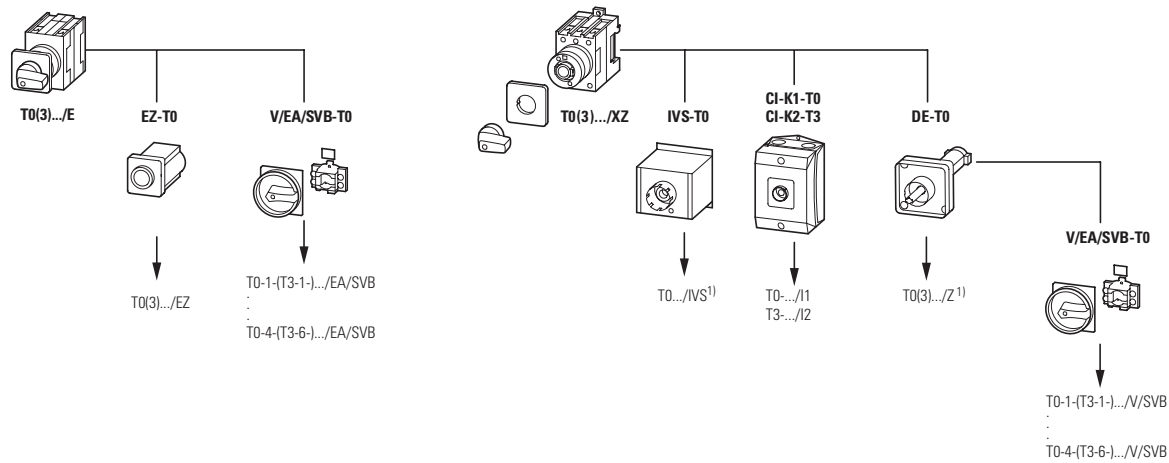
The CI-K... insulated enclosures are silicon and halogen free.

## Cam switches T0 and T3

### Key to part numbers

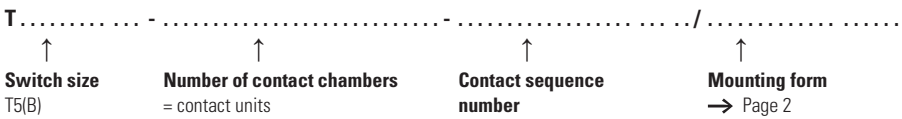


### Using the modular system to convert the mounting form

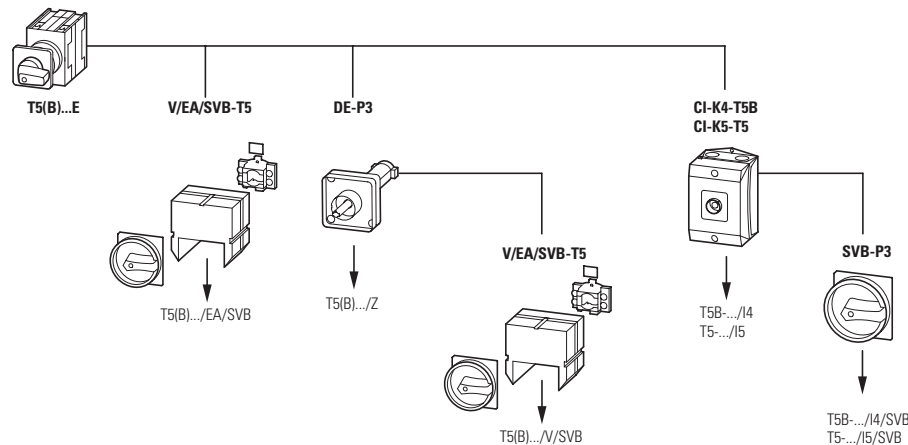


## Cam switch TB5

### Key to part numbers



### Using the modular system to convert the mounting form T5(B)



**Note** <sup>1)</sup> Including shaft


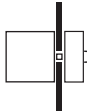


# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

## Ordering




































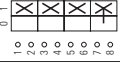


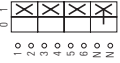
















T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b>	Part no. Article no.	Price See price list	Std. pack
		Pole N/O	N/O	400 V P k	$I_u$ A				

### Main switch as emergency switching off/emergency stop device

With red rotary handle and yellow locking collar  
To IEC/EN 60204-1, VDE 0113 Part 1  
Lockable in the 0 (Off) position

#### Without auxiliary contacts

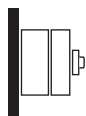
	1	0	0	6.5	20	<b>T0-1-8200/EA/SVB</b> 053110	1 Off	 
				13	32	<b>T3-1-8200/EA/SVB<sup>(1)</sup></b> 066576	1 Off	 
				22	63	<b>T5B-1-8200/EA/SVB<sup>(3)</sup></b> 094279	1 Off	 
	2	0	0	6.5	20	<b>T0-1-102/EA/SVB<sup>(1)</sup></b> 091078	1 Off	 
				13	32	<b>T3-1-102/EA/SVB<sup>(1)</sup></b> 014374	1 Off	 
				22	63	<b>T5B-1-102/EA/SVB<sup>(3)</sup></b> 094469	1 Off	 
	3	0	0	6.5	20	<b>T0-2-1/EA/SVB<sup>(1)</sup></b> 038873	1 Off	 
				13	25	<b>P1-25/EA/SVB<sup>(1)</sup></b> 041097	1 Off	 
				13	25		1 Off	 
				15	32	<b>P1-32/EA/SVB<sup>(1)</sup></b> 081438	1 Off	 
				37	63	<b>P3-63/EA/SVB<sup>(1)</sup></b> 031607	1 Off	 
				45	125	<b>P5-125/EA/SVB<sup>(4)</sup></b> 280898	1 Off	 
				50	100	<b>P3-100/EA/SVB<sup>(1)</sup></b> 074320	1 Off	 
				55	160	<b>P5-160/EA/SVB<sup>(4)</sup></b> 280922	1 Off	 
				90	250	<b>P5-250/EA/SVB<sup>(4)</sup></b> 280936	1 Off	 
				110	315	<b>P5-315/EA/SVB<sup>(4)</sup></b> 280950	1 Off	 
	3 + N	0	0	6.5	20	<b>T0-2-8900/EA/SVB<sup>(1)</sup></b> 207400	1 Off	 
	3 + N	0	0	13	25	<b>P1-25/EA/SVB/N<sup>(1)</sup></b> 081587	1 Off	 
				13	25		1 Off	 
				15	32	<b>P1-32/EA/SVB/N<sup>(1)</sup></b> 091079	1 Off	 
				15	32		1 Off	 
				37	63	<b>P3-63/EA/SVB/N<sup>(1)</sup></b> 010398	1 Off	 
				45	125	<b>P5-125/EA/SVB/N<sup>(4)</sup></b> 280910	1 Off	 
				50	100	<b>P3-100/EA/SVB/N<sup>(1)</sup></b> 019890	1 Off	 
				55	160	<b>P5-160/EA/SVB/N<sup>(4)</sup></b> 280924	1 Off	 

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

**IP65**



**Part no.**  
Article no.

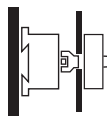
totally insulated

**Price**  
See price list

Std. pack

Rear mounting

**Front IP65**



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Information relevant for export to North America**


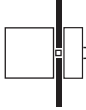


Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
<b>T0-1-8200/11/SVB</b> 207145		1 Off	<b>T0-1-8200/V/SVB</b> 057856		1 Off	1) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection
<b>T3-1-8200/12/SVB<sup>2)</sup></b> 207200		1 Off	<b>T3-1-8200/V/SVB<sup>1)</sup></b> 007255		1 Off	
<b>T5B-1-8200/14/SVB<sup>3)</sup></b> 207240		1 Off	<b>T5B-1-8200/V/SVB<sup>3)</sup></b> 094273		1 Off	
<b>T0-1-102/11/SVB</b> 207143		1 Off	<b>T0-1-102/V/SVB<sup>1)</sup></b> 095824		1 Off	
<b>T3-1-102/12/SVB<sup>2)</sup></b> 207198		1 Off	<b>T3-1-102/V/SVB<sup>1)</sup></b> 019120		1 Off	
<b>T5B-1-102/14/SVB<sup>3)</sup></b> 207238		1 Off	<b>T5B-1-102/V/SVB<sup>3)</sup></b> 094463		1 Off	
<b>T5-1-102/15/SVB</b> 207273		1 Off			1 Off	
<b>T0-2-1/11/SVB</b> 207147		1 Off	<b>T0-2-1/V/SVB<sup>1)</sup></b> 043619		1 Off	
<b>P1-25/12/SVB<sup>2)</sup></b> 207293		1 Off	<b>P1-25/V/SVB<sup>2)</sup></b> 055335		1 Off	
<b>P1-25/12H/SVB</b> 226900		1 Off			1 Off	
<b>P1-32/12/SVB<sup>2)</sup></b> 207314		1 Off	<b>P1-32/V/SVB<sup>1)</sup></b> 095676		1 Off	2) Product Standards UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection
<b>P3-63/14/SVB<sup>1)</sup></b> 207343		1 Off	<b>P3-63/V/SVB<sup>1)</sup></b> 048218		1 Off	
			<b>P5-125/V/SVB<sup>4)</sup></b> 280914		1 Off	
<b>P3-100/15/SVB<sup>1)</sup></b> 207373		1 Off	<b>P3-100/V/SVB<sup>1)</sup></b> 088558		1 Off	
			<b>P5-160/V/SVB<sup>4)</sup></b> 280928		1 Off	
			<b>P5-250/V/SVB<sup>4)</sup></b> 280942		1 Off	
			<b>P5-315/V/SVB<sup>4)</sup></b> 280956		1 Off	
<b>T0-2-8900/11/SVB</b> 207151		1 Off	<b>T0-2-8900/V/SVB<sup>1)</sup></b> 207405		1 Off	
<b>P1-25/12/SVB/N<sup>2)</sup></b> 207298		1 Off	<b>P1-25/V/SVB/N<sup>2)</sup></b> 086333		1 Off	
<b>P1-25/12H/SVB/N</b> 227860		1 Off			1 Off	
<b>P1-32/12/SVB/N<sup>2)</sup></b> 207319		1 Off	<b>P1-32/V/SVB/N<sup>1)</sup></b> 095825		1 Off	3) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection
<b>P1-32/12H/SVB/N</b> 227871		1 Off			1 Off	
<b>P3-63/14/SVB/N<sup>1)</sup></b> 207349		1 Off	<b>P3-63/V/SVB/N<sup>1)</sup></b> 015144		1 Off	
			<b>P5-125/V/SVB/N<sup>4)</sup></b> 280916		1 Off	
<b>P3-100/15/SVB/N<sup>1)</sup></b> 207379		1 Off	<b>P3-100/V/SVB/N<sup>1)</sup></b> 024636		1 Off	
			<b>P5-160/V/SVB/N<sup>4)</sup></b> 280930		1 Off	
					1 Off	
					1 Off	
					1 Off	
					1 Off	
					1 Off	
					1 Off	4) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

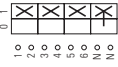




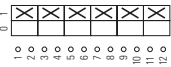






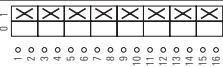






T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b>	Part no. Article no.	Price See price list	Std. pack
	 FS 908	Pole N/O	N/O    N/C	400 V P kW	I <sub>u</sub> A				

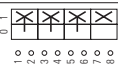


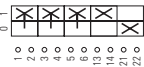












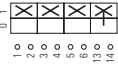








## Main switch as emergency switching off/emergency stop device

With red rotary handle and yellow locking collar  
To IEC/EN 60204-1, VDE 0113 Part 1  
Lockable in the 0 (Off) position

### Without auxiliary contacts

	3 + N	0	0	90	250	<b>P5-250/EA/SVB/N<sup>(4)</sup></b> 280938	1 Off	 
	3 + N	0	0	110	315	<b>P5-315/EA/SVB/N<sup>(4)</sup></b> 280952	1 Off	 
	6	0	0	6.5	20	<b>T0-3-8342/EA/SVB<sup>(1)</sup></b> 029382	1 Off	 
				13	32	<b>T3-3-8342/EA/SVB<sup>(1)</sup></b> 071326	1 Off	 
				22	63	<b>T5B-3-8342/EA/SVB<sup>(3)</sup></b> 092308	1 Off	 
				30	100	<b>T5-3-8342/EA/SVB</b> 096383	1 Off	
	8	0	0	6.5	20	<b>T0-4-8344/EA/SVB<sup>(1)</sup></b> 008267	1 Off	 
				13	32	<b>T3-4-8344/EA/SVB<sup>(1)</sup></b> 008964	1 Off	 
				22	63	<b>T5B-4-8344/EA/SVB<sup>(3)</sup></b> 092062	1 Off	 
				30	95			
				30	100	<b>T5-4-8344/EA/SVB</b> 095961	1 Off	

### With auxiliary contacts

	3	1	0	6.5	20	<b>T0-2-15679/EA/SVB<sup>(1)</sup></b> 081588	1 Off	 
	3	1	1	13	25	<b>P1-25/EA/SVB/HI11<sup>(1)</sup></b> 091080	1 Off	 
				13	25		1 Off	 
				15	32	<b>P1-32/EA/SVB/HI11<sup>(1)</sup></b> 072567	1 Off	 
				15	32		1 Off	 
				37	63	<b>P3-63/EA/SVB/HI11<sup>(1)</sup></b> 019891	1 Off	 
				50	100	<b>P3-100/EA/SVB/HI11<sup>(1)</sup></b> 029383	1 Off	 
	3	1	0	45	125	<b>P5-125/EA/SVB/HI10<sup>(4)</sup></b> 280899	1 Off	 
				55	160	<b>P5-160/EA/SVB/HI10<sup>(4)</sup></b> 280923	1 Off	 
				90	250	<b>P5-250/EA/SVB/HI10<sup>(4)</sup></b> 280937	1 Off	 
				110	315	<b>P5-315/EA/SVB/HI10<sup>(4)</sup></b> 280951	1 Off	 

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

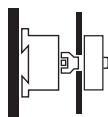
IP65



totally insulated

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price  
list

Std. pack























































**Part no.**  
Article no.

**Price**  
See price  
list

Std. pack

**Information relevant for export to North America**


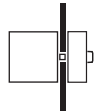


Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
			<b>P5-250/V/SVB/N<sup>(4)</sup></b> 280944		1 Off  	1)
			<b>P5-315/V/SVB/N<sup>(4)</sup></b> 280958		1 Off  	Product Standards
<b>T0-3-8342/I1/SVB</b> 207159		1 Off	<b>T0-3-8342/V/SVB<sup>(1)</sup></b> 034128		1 Off  	UL File No. UL CCN
<b>T3-3-8342/I2/SVB<sup>(2)</sup></b> 207208		1 Off  	<b>T3-3-8342/V/SVB<sup>(1)</sup></b> 076072		1 Off  	CSA File No. CSA Class No. NA Certification
<b>T5B-3-8342/I4/SVB<sup>(3)</sup></b> 207242		1 Off  	<b>T5B-3-8342/V/SVB<sup>(3)</sup></b> 092300		1 Off  	Suitable for
<b>T5-3-8342/I5/SVB</b> 207279		1 Off	<b>T5-3-8342/V/SVB</b> 096381		1 Off	Degree of Protection
<b>T0-4-8344/I1/SVB</b> 207163		1 Off	<b>T0-4-8344/V/SVB<sup>(1)</sup></b> 014007		1 Off  	
<b>T3-4-8344/I2/SVB<sup>(2)</sup></b> 207212		1 Off  	<b>T3-4-8344/V/SVB<sup>(1)</sup></b> 020598		1 Off  	2)
<b>T5B-4-8344/I4/SVB<sup>(3)</sup></b> 207248		1 Off  	<b>T5B-4-8344/V/SVB<sup>(3)</sup></b> 092056		1 Off  	Product Standards
<b>T5-4-8344/I5/SVB</b> 207283		1 Off	<b>T5-4-8344/V/SVB</b> 095959		1 Off	UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for
						Degree of Protection
<b>T0-2-15679/I1/SVB</b> 207149		1 Off	<b>T0-2-15679/V/SVB<sup>(1)</sup></b> 086334		1 Off  	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking
<b>P1-25/I2/SVB/HI1<sup>(2)</sup></b> 207297		1 Off  	<b>P1-25/V/SVB/HI1<sup>(1)</sup></b> 095826		1 Off  	3)
<b>P1-25/I2H/SVB/HI1</b> 226902		1 Off			1 Off  	Product Standards
<b>P1-32/I2/SVB/HI1<sup>(1)</sup></b> 207318		1 Off  	<b>P1-32/V/SVB/HI1<sup>(1)</sup></b> 015145		1 Off  	UL File No. UL CCN
<b>P1-32/I2H/SVB/HI1</b> 227870		1 Off			1 Off  	CSA File No. CSA Class No. NA Certification
<b>P3-63/I4/SVB/HI1<sup>(1)</sup></b> 207348		1 Off  	<b>P3-63/V/SVB/HI1<sup>(1)</sup></b> 024637		1 Off  	Suitable for
<b>P3-100/I5/SVB/HI1<sup>(1)</sup></b> 207378		1 Off  	<b>P3-100/V/SVB/HI1<sup>(1)</sup></b> 034129		1 Off  	Degree of Protection
			<b>P5-125/V/SVB/HI10<sup>(4)</sup></b> 280915		1 Off  	
			<b>P5-160/V/SVB/HI10<sup>(4)</sup></b> 280929		1 Off  	4)
			<b>P5-250/V/SVB/HI10<sup>(4)</sup></b> 280943		1 Off  	Product Standards
			<b>P5-315/V/SVB/HI10<sup>(4)</sup></b> 280957		1 Off  	UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for
						Degree of Protection

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

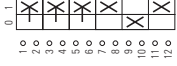




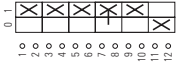






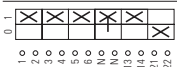


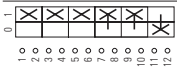






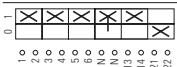




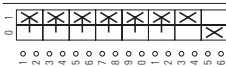








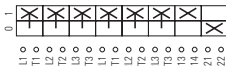
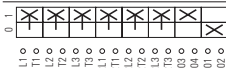
T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b>	Part no. Article no.	Price See price list	Std. pack
	 <b>FS 908</b>	Pole	N/O      N/O      N/C	400 V P kW	$I_u$ A				

## Main switch as emergency switching off/emergency stop device

With red rotary handle and yellow locking collar  
To IEC/EN 60204-1, VDE 0113 Part 1  
Lockable in the 0 (Off) position

### With auxiliary contacts

	3	2	1	6.5	20	<b>T0-3-15683/EA/SVB<sup>1)</sup></b> 015571	1 Off	 
	3	2	1	13	32	<b>T3-3-15683/EA/SVB<sup>1)</sup></b> 040478	1 Off	 
	3 + N	1	1	6.5	20	<b>T0-3-15680/EA/SVB<sup>1)</sup></b> 038875	1 Off	 
				13	32	<b>P1-25/EA/SVB/N/HI11<sup>1)</sup></b> 048367	1 Off	 
				13	32	<b>T3-3-15680/EA/SVB<sup>1)</sup></b> 012002	1 Off	 
	3 + N	1	1	15	32	<b>P1-32/EA/SVB/N/HI11<sup>1)</sup></b> 057859	1 Off	 
	3 + N	1	1	6.5	20	<b>T0-3-8901/EA/SVB<sup>1)</sup></b> 231932	1 Off	 
				13	32	<b>T3-3-8901/EA/SVB<sup>1)</sup></b> 231945	1 Off	 
				22	63	<b>T5B-3-8901/EA/SVB<sup>3)</sup></b> 207420	1 Off	 
				30	100	<b>T5-3-8901/EA/SVB</b> 207408	1 Off	
	3 + N	1	1	37	63	<b>P3-63/EA/SVB/N/HI11<sup>1)</sup></b> 067351	1 Off	 
	3 + N	1	1	50	100	<b>P3-100/EA/SVB/N/HI11<sup>1)</sup></b> 076843	1 Off	 
	6	1	1	6.5	20	<b>T0-4-15682/EA/SVB<sup>1)</sup></b> 019892	1 Off	 
				13	32	<b>T3-4-15682/EA/SVB<sup>1)</sup></b> 054716	1 Off	 
				22	63	<b>T5B-4-15682/EA/SVB<sup>3)</sup></b> 207425	1 Off	 
				30	100	<b>T5-4-15682/EA/SVB</b> 207413	1 Off	 
	6	1	1	55	160			
	6	1	1	132	275			



# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

**IP65**



**Part no.**  
Article no.

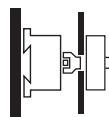
totally insulated

**Price**  
See price  
list

Std. pack

Rear mounting

**Front IP65**



**Part no.**  
Article no.

**Price**  
See price  
list

Std. pack

**Information relevant for export to North America**



Part no. Article no.	Std. pack	Part no. Article no.	Std. pack	Information relevant for export to North America	
<b>T0-3-15683/I1/SVB</b> 207157	1 Off	<b>T0-3-15683/V/SVB<sup>1)</sup></b> 015634	1 Off	1) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12	
<b>T3-3-15683/I2/SVB<sup>2)</sup></b> 207206	1 Off	<b>T3-3-15683/V/SVB<sup>1)</sup></b> 045224	1 Off		
<b>T0-3-15680/I1/SVB</b> 207153	1 Off	<b>T0-3-15680/V/SVB<sup>1)</sup></b> 043621	1 Off		
		<b>P1-25/V/SVB/N/HI11<sup>1)</sup></b> 053113	1 Off		
<b>T3-3-15680/I2/SVB<sup>2)</sup></b> 207202	1 Off	<b>T3-3-15680/V/SVB<sup>1)</sup></b> 016748	1 Off		
		<b>P1-32/V/SVB/N/HI11<sup>1)</sup></b> 062605	1 Off		
<b>T0-3-8901/I1/SVB</b> 231934	1 Off				
<b>T3-3-8901/I2/SVB<sup>2)</sup></b> 218987	1 Off				
<b>T5B-3-8901/I4/SVB<sup>3)</sup></b> 207244	1 Off	<b>T5B-3-8901/V/SVB<sup>3)</sup></b> 207422	1 Off		2) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12
<b>T5-3-8901/I5/SVB</b> 207277	1 Off				
<b>P3-63/I4/SVB/N/HI11<sup>1)</sup></b> 207350	1 Off	<b>P3-63/V/SVB/N/HI11<sup>1)</sup></b> 072097	1 Off		
<b>P3-100/I5/SVB/N/HI11<sup>1)</sup></b> 207380	1 Off	<b>P3-100/V/SVB/N/HI11<sup>1)</sup></b> 081589	1 Off		
<b>T0-4-15682/I1/SVB</b> 207161	1 Off	<b>T0-4-15682/V/SVB<sup>1)</sup></b> 024638	1 Off		
<b>T3-4-15682/I2/SVB<sup>2)</sup></b> 207210	1 Off	<b>T3-4-15682/V/SVB<sup>1)</sup></b> 059462	1 Off		
<b>T5B-4-15682/I4/SVB<sup>3)</sup></b> 207246	1 Off	<b>T5B-4-15682/V/SVB<sup>3)</sup></b> 207427	1 Off		
<b>T5-4-15682/I5/SVB</b> 207281	1 Off	<b>T5-4-15682/V/SVB</b> 207415	1 Off		
<b>T6-160-6/I45/SVB/HI11<sup>5)</sup></b> 201448	1 Off	<b>T6-160-6/V/SVB/HI11</b> 200619	1 Off	3) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV7 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 1, 3R, 12, 13	
<b>T8-3-8342/I48/SVB/HI11<sup>6)</sup></b> 201450	1 Off	<b>T8-3-8342/V/SVB/HI11</b> 200620	1 Off		

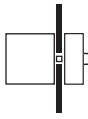

**Notes**

- <sup>5)</sup> Enclosure without flanges with K95/1N/BR
- <sup>6)</sup> With KS4-CI and K150/1/BR: Ingress protection IP64

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches






































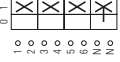
















T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b> 	Part no. Article no.	Price See price list	Std. pack
	 <b>FS 908</b>	Pole	N/O      N/O      N/C	400 V P kW	I <sub>u</sub> A				

## Main switch without emergency switching off/emergency stop function

With black rotary handle and locking collar  
Lockable in the 0 (Off) position

### Without auxiliary contacts

	1	0	0	6.5	20	<b>T0-1-8200/EA/SVB-SW<sup>(1)</sup></b> 055483	1 Off	 
	13				32	<b>T3-1-8200/EA/SVB-SW<sup>(1)</sup></b> 068949	1 Off	 
	22				63	<b>T5B-1-8200/EA/SVB-SW<sup>(3)</sup></b> 094278	1 Off	 
	2	0	0	6.5	20	<b>T0-1-102/EA/SVB-SW<sup>(1)</sup></b> 093451	1 Off	 
	13				32	<b>T3-1-102/EA/SVB-SW<sup>(1)</sup></b> 016747	1 Off	 
	22				63	<b>T5B-1-102/EA/SVB-SW<sup>(3)</sup></b> 094468	1 Off	 
	30				100	<b>T5-1-102/EA/SVB-SW</b> 098807	1 Off	
	3	0	0	6.5	20	<b>T0-2-1/EA/SVB-SW<sup>(1)</sup></b> 041246	1 Off	 
	13				25	<b>P1-25/EA/SVB-SW<sup>(1)</sup></b> 048365	1 Off	 
	13				25		1 Off	 
	15				32	<b>P1-32/EA/SVB-SW<sup>(1)</sup></b> 053111	1 Off	 
	15				32		1 Off	 
	37				63	<b>P3-63/EA/SVB-SW<sup>(1)</sup></b> 057857	1 Off	 
	50				100	<b>P3-100/EA/SVB-SW<sup>(1)</sup></b> 062603	1 Off	 
	45				125	<b>P5-125/EA/SVB-SW<sup>(4)</sup></b> 280911	1 Off	 
	55				160	<b>P5-160/EA/SVB-SW<sup>(4)</sup></b> 280925	1 Off	 
	90				250	<b>P5-250/EA/SVB-SW<sup>(4)</sup></b> 280939	1 Off	 
110				315	<b>P5-315/EA/SVB-SW<sup>(4)</sup></b> 280953	1 Off	 	
	3 + N	0	0	6.5	20	<b>T0-2-8900/EA/SVB-SW<sup>(1)</sup></b> 207401	1 Off	 
	13				25	<b>P1-25/EA/SVB-SW/N<sup>(1)</sup></b> 083960	1 Off	 
	13				25		1 Off	 
	15				32	<b>P1-32/EA/SVB-SW/N<sup>(1)</sup></b> 093452	1 Off	 
	15				32		1 Off	 
	15				32		1 Off	 
	37				63	<b>P3-63/EA/SVB-SW/N<sup>(1)</sup></b> 012771	1 Off	 
	50				100	<b>P3-100/EA/SVB-SW/N<sup>(1)</sup></b> 022263	1 Off	 

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

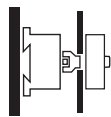
IP65



totally insulated

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Information relevant for export to North America**


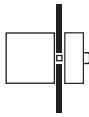


Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
<b>T0-1-8200/11/SVB-SW</b> 207146		1 Off	<b>T0-1-8200/V/SVB-SW<sup>1)</sup></b> 060229		1 Off	1) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12
<b>T3-1-8200/12/SVB-SW<sup>2)</sup></b> 207201		1 Off	<b>T3-1-8200/V/SVB-SW<sup>1)</sup></b> 004882		1 Off	
<b>T5B-1-8200/14/SVB-SW<sup>3)</sup></b> 207241		1 Off			1 Off	
<b>T0-1-102/11/SVB-SW</b> 207144		1 Off	<b>T0-1-102/V/SVB-SW<sup>1)</sup></b> 022330		1 Off	
<b>T3-1-102/12/SVB-SW<sup>2)</sup></b> 207199		1 Off	<b>T3-1-102/V/SVB-SW<sup>1)</sup></b> 021493		1 Off	
<b>T5B-1-102/14/SVB-SW<sup>3)</sup></b> 207239		1 Off	<b>T5B-1-102/V/SVB-SW<sup>3)</sup></b> 094462		1 Off	
<b>T0-2-1/11/SVB-SW</b> 207148		1 Off	<b>T0-2-1/V/SVB-SW<sup>1)</sup></b> 045992		1 Off	2) Product Standards UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12
<b>P1-25/12/SVB-SW<sup>2)</sup></b> 207294		1 Off	<b>P1-25/V/SVB-SW<sup>2)</sup></b> 050738		1 Off	
<b>P1-25/12H/SVB-SW</b> 227861		1 Off			1 Off	
<b>P1-32/12/SVB-SW<sup>2)</sup></b> 207315		1 Off	<b>P1-32/V/SVB-SW<sup>1)</sup></b> 055484		1 Off	
<b>P1-32/12H/SVB-SW</b> 227872		1 Off			1 Off	
<b>P3-63/14/SVB-SW<sup>1)</sup></b> 207344		1 Off	<b>P3-63/V/SVB-SW<sup>1)</sup></b> 060230		1 Off	
<b>P3-100/15/SVB-SW<sup>1)</sup></b> 207374		1 Off	<b>P3-100/V/SVB-SW<sup>1)</sup></b> 064976		1 Off	
			<b>P5-125/V/SVB-SW<sup>4)</sup></b> 280917		1 Off	
			<b>P5-160/V/SVB-SW<sup>4)</sup></b> 280931		1 Off	
			<b>P5-250/V/SVB-SW<sup>4)</sup></b> 280945		1 Off	
			<b>P5-315/V/SVB-SW<sup>4)</sup></b> 280959		1 Off	
<b>T0-2-8900/11/SVB-SW</b> 207152		1 Off	<b>T0-2-8900/V/SVB-SW<sup>1)</sup></b> 207406		1 Off	3) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV7 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 1, 3R, 12, 13
<b>P1-25/12/SVB-SW/N<sup>2)</sup></b> 207296		1 Off	<b>P1-25/V/SVB-SW/N<sup>1)</sup></b> 088706		1 Off	
<b>P1-25/12H/SVB-SW/N</b> 227863		1 Off			1 Off	
<b>P1-32/12/SVB-SW/N<sup>2)</sup></b> 207317		1 Off	<b>P1-32/V/SVB-SW/N<sup>1)</sup></b> 098198		1 Off	
<b>P1-32/12H/SVB-SW/N</b> 227874		1 Off			1 Off	
<b>P1-32/12H/N</b> 227869		1 Off			1 Off	
<b>P3-63/14/SVB-SW/N<sup>1)</sup></b> 207346		1 Off	<b>P3-63/V/SVB-SW/N<sup>1)</sup></b> 017517		1 Off	
<b>P3-100/15/SVB-SW/N<sup>1)</sup></b> 207376		1 Off	<b>P3-100/V/SVB-SW/N<sup>1)</sup></b> 027009		1 Off	
					1 Off	
					1 Off	
					1 Off	
					1 Off	
					1 Off	

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

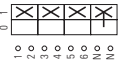




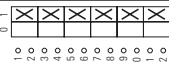








T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b>	Part no. Article no.	Price See price list	Std. pack
	 FS 908	Pole N/O	N/O      N/C	400 V P kW	$I_u$ A				

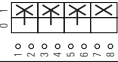


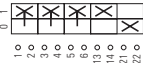





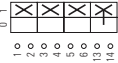




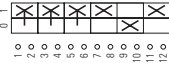

## Main switch without emergency switching off/emergency stop function

With black rotary handle and locking collar  
Lockable in the 0 (Off) position

### Without auxiliary contacts

 1 2 3 4 5 6 7 8 9 10 11 12	3 + N	0	0	45	125	<b>P5-125/EA/SVB-SW/N<sup>(4)</sup></b> 280913	1 Off	
				55	160	<b>P5-160/EA/SVB-SW/N<sup>(4)</sup></b> 280927	1 Off	
				90	250	<b>P5-250/EA/SVB-SW/N<sup>(4)</sup></b> 280941	1 Off	
				110	315	<b>P5-315/EA/SVB-SW/N<sup>(4)</sup></b> 280955	1 Off	
 1 2 3 4 5 6 7 8 9 10 11 12	6	0	0	6.5	20	<b>T0-3-8342/EA/SVB-SW<sup>(1)</sup></b> 031755	1 Off	
				13	32	<b>T3-3-8342/EA/SVB-SW<sup>(1)</sup></b> 073699	1 Off	
				22	63	<b>T5B-3-8342/EA/SVB-SW<sup>(3)</sup></b> 092307	1 Off	
				30	100	<b>T5-3-8342/EA/SVB-SW</b> 096382	1 Off	
				30	100	<b>T5-4-8344/EA/SVB-SW<sup>(1)</sup></b> 008268	1 Off	
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	8	0	0	6.5	20	<b>T0-4-8344/EA/SVB-SW<sup>(1)</sup></b> 008268	1 Off	
				13	32	<b>T3-4-8344/EA/SVB-SW<sup>(1)</sup></b> 008965	1 Off	
				22	63	<b>T5B-4-8344/EA/SVB-SW<sup>(3)</sup></b> 092061	1 Off	
				30	95		1 Off	
				30	100	<b>T5-4-8344/EA/SVB-SW</b> 095960	1 Off	

### With auxiliary contacts

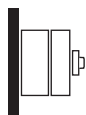
 1 2 3 4 5 6 7 8 9 10 11 12	3	1	0	6.5	20	<b>T0-2-15679/EA/SVB-SW<sup>(1)</sup></b> 083961	1 Off	
				13	25	<b>P1-25/EA/SVB-SW/HI11<sup>(1)</sup></b> 070194	1 Off	
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	3	1	1	13	25		1 Off	
				13	25		1 Off	
				15	32	<b>P1-32/EA/SVB-SW/HI11<sup>(1)</sup></b> 012772	1 Off	
				15	32		1 Off	
				37	63	<b>P3-63/EA/SVB-SW/HI11<sup>(1)</sup></b> 022264	1 Off	
 1 2 3 4 5 6 7 8 9 10 11 12	3	1	0	45	125	<b>P5-125/EA/SVB-SW/HI10<sup>(4)</sup></b> 280912	1 Off	
				55	160	<b>P5-160/EA/SVB-SW/HI10<sup>(4)</sup></b> 280926	1 Off	
				90	250	<b>P5-250/EA/SVB-SW/HI10<sup>(4)</sup></b> 280940	1 Off	
				110	315	<b>P5-315/EA/SVB-SW/HI10<sup>(4)</sup></b> 280954	1 Off	
				 1 2 3 4 5 6 7 8 9 10 11 12	3	2	1	6.5
13	32	<b>T3-3-15683/EA/SVB-SW<sup>(1)</sup></b> 042851	1 Off					

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

**IP65**



**Part no.**  
Article no.

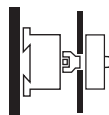
totally insulated

**Price**  
See price  
list

Std. pack

Rear mounting

**Front IP65**



**Part no.**  
Article no.

**Price**  
See price  
list

Std. pack

**Information relevant for export to North America**


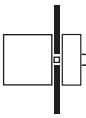


Surface mounting		Rear mounting		Information relevant for export to North America	
Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack
			<b>P5-125/V/SVB-SW/N<sup>(4)</sup></b> 280919	1 Off	
			<b>P5-160/V/SVB-SW/N<sup>(4)</sup></b> 280933	1 Off	
			<b>P5-250/V/SVB-SW/N<sup>(4)</sup></b> 280947	1 Off	
			<b>P5-315/V/SVB-SW/N<sup>(4)</sup></b> 280961	1 Off	
<b>T0-3-8342/I1/SVB-SW</b> 207160		1 Off	<b>T0-3-8342/V/SVB-SW<sup>(1)</sup></b> 036501	1 Off	
<b>T3-3-8342/I2/SVB-SW<sup>(2)</sup></b> 207209		1 Off	<b>T3-3-8342/V/SVB-SW<sup>(1)</sup></b> 078445	1 Off	
<b>T5B-3-8342/I4/SVB-SW<sup>(3)</sup></b> 207243		1 Off	<b>T5B-3-8342/V/SVB-SW<sup>(3)</sup></b> 092299	1 Off	
<b>T5-3-8342/I5/SVB-SW</b> 207280		1 Off	<b>T5-3-8342/V/SVB-SW</b> 096380	1 Off	
<b>T0-4-8344/I1/SVB-SW</b> 207164		1 Off	<b>T0-4-8344/V/SVB-SW<sup>(1)</sup></b> 008272	1 Off	
<b>T3-4-8344/I2/SVB-SW<sup>(2)</sup></b> 207213		1 Off	<b>T3-4-8344/V/SVB-SW<sup>(1)</sup></b> 008967	1 Off	
<b>T5B-4-8344/I4/SVB-SW<sup>(3)</sup></b> 207249		1 Off	<b>T5B-4-8344/V/SVB-SW<sup>(3)</sup></b> 092055	1 Off	
<b>T5-4-8344/I5/SVB-SW</b> 207284		1 Off	<b>T5-4-8344/V/SVB-SW</b> 095958	1 Off	
<b>T0-2-15679/I1/SVB-SW</b> 207150		1 Off	<b>T0-2-15679/V/SVB-SW<sup>(1)</sup></b> 088707	1 Off	
<b>P1-25/I2/SVB-SW/HI11<sup>(2)</sup></b> 207295		1 Off	<b>P1-25/V/SVB-SW/HI11<sup>(1)</sup></b> 098199	1 Off	
<b>P1-25/I2H/SVB-SW/HI11</b> 227862		1 Off		1 Off	
<b>P1-25/I2H/SVB/HI11</b> 226902		1 Off		1 Off	
<b>P1-32/I2/SVB-SW/HI11<sup>(1)</sup></b> 207316		1 Off	<b>P1-32/V/SVB-SW/HI11<sup>(1)</sup></b> 017518	1 Off	
<b>P1-32/I2H/SVB-SW/HI11</b> 227873		1 Off		1 Off	
<b>P3-63/I4/SVB-SW/HI11<sup>(1)</sup></b> 207345		1 Off	<b>P3-63/V/SVB-SW/HI11<sup>(1)</sup></b> 027010	1 Off	
<b>P3-100/I5/SVB-SW/HI11<sup>(1)</sup></b> 207375		1 Off	<b>P3-100/V/SVB-SW/HI11<sup>(1)</sup></b> 036502	1 Off	
			<b>P5-125/V/SVB-SW/HI10<sup>(4)</sup></b> 280918	1 Off	
			<b>P5-160/V/SVB-SW/HI10<sup>(4)</sup></b> 280932	1 Off	
			<b>P5-250/V/SVB-SW/HI10<sup>(4)</sup></b> 280946	1 Off	
			<b>P5-315/V/SVB-SW/HI10<sup>(4)</sup></b> 280960	1 Off	
<b>T0-3-15683/I1/SVB-SW</b> 207158		1 Off	<b>T0-3-15683/V/SVB-SW<sup>(1)</sup></b> 015664	1 Off	
<b>T3-3-15683/I2/SVB-SW<sup>(2)</sup></b> 207207		1 Off			

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

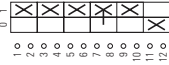






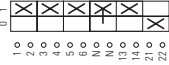


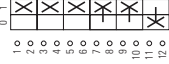






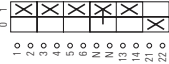




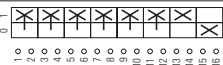






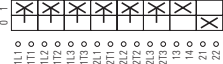
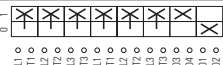
T, P

Contact sequence	Front plate no.	Main contacts	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	Flush mounting <b>Front IP65</b>	Part no. Article no.	Price See price list	Std. pack
	 <b>FS 908</b>	Pole N/O	N/O      N/C	400 V P kW	I <sub>u</sub> A				

## Main switch without emergency switching off/emergency stop function

With black rotary handle and locking collar  
Lockable in the 0 (Off) position

### With auxiliary contacts

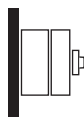
	3 + N	1	1	6.5	20	<b>T0-3-15680/EA/SVB-SW<sup>(1)</sup></b> 041248	1 Off	 
				13	32	<b>P1-25/EA/SVB-SW/N/HI11<sup>(1)</sup></b> 050740	1 Off	 
				13	32	<b>T3-3-8901/EA/SVB-SW<sup>(1)</sup></b> 231946	1 Off	 
	3 + N	1	1	15	32	<b>P1-32/EA/SVB-SW/N/HI11<sup>(1)</sup></b> 060232	1 Off	 
	3 + N	1	1	6.5	20	<b>T0-3-8901/EA/SVB-SW<sup>(1)</sup></b> 231933	1 Off	 
				13	32	<b>T3-3-15680/EA/SVB-SW<sup>(1)</sup></b> 014375	1 Off	 
				22	63	<b>T5B-3-8901/EA/SVB-SW<sup>(3)</sup></b> 207421	1 Off	 
				30	100	<b>T5-3-8901/EA/SVB-SW</b> 207409	1 Off	
	3 + N	1	1	37	63	<b>P3-63/EA/SVB-SW/N/HI11<sup>(1)</sup></b> 069724	1 Off	 
				50	100	<b>P3-100/EA/SVB-SW/N/HI11<sup>(1)</sup></b> 079216	1 Off	 
	6	1	1	6.5	20	<b>T0-4-15682/EA/SVB-SW<sup>(1)</sup></b> 022265	1 Off	 
				13	32	<b>T3-4-15682/EA/SVB-SW<sup>(1)</sup></b> 057089	1 Off	 
				22	63	<b>T5B-4-15682/EA/SVB-SW<sup>(3)</sup></b> 207426	1 Off	 
				30	100	<b>T5-4-15682/EA/SVB-SW</b> 207414	1 Off	
	6	1	1	55	160			
	6	1	1	132	275			
				132	315			

# Cam switches, switch-disconnectors

Switch-disconnectors – main switches, maintenance/manual override switches

Surface mounting

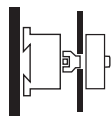
IP65



totally insulated

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Information relevant for export to North America**



Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
<b>T0-3-15680/I1/SVB-SW</b> 231935		1 Off	<b>T0-3-15680/V/SVB-SW<sup>1)</sup></b> 045994		1 Off	1) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN NLRV CSA File No. 12528 CSA Class No. 3211-05 NA Certification UL Listed, CSA certified Suitable for Branch circuits, suitable as motor disconnect Degree of Protection IEC: IP65; UL/CSA Type 3R, 12
<b>T3-3-15680/I2/SVB-SW<sup>4)</sup></b> 207203		1 Off	<b>T3-3-15680/V/SVB-SW<sup>1)</sup></b> 019121		1 Off	
			<b>P1-32/V/SVB-SW/N/HI11<sup>1)</sup></b> 064978		1 Off	
<b>T0-3-8901/I1/SVB-SW</b> 231935		1 Off	<b>P1-25/V/SVB-SW/N/HI11<sup>1)</sup></b> 055486		1 Off	2) Product Standards UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN NLRV CSA File No. 12528 CSA Class No. 3211-05 NA Certification UL Listed, CSA certified Suitable for Branch circuits, suitable as motor disconnect Degree of Protection IEC: IP65; UL/CSA Type 3R, 12
<b>T3-3-8901/I2/SVB-SW<sup>2)</sup></b> 218988		1 Off	<b>T5B-3-8901/V/SVB-SW<sup>3)</sup></b> 207423		1 Off	
<b>T5B-3-8901/I4/SVB-SW<sup>3)</sup></b> 207245		1 Off	<b>T5-3-8901/I5/SVB-SW</b> 207278		1 Off	
<b>P3-63/I4/SVB-SW/N/HI11<sup>1)</sup></b> 207347		1 Off	<b>P3-63/V/SVB-SW/N/HI11<sup>1)</sup></b> 074470		1 Off	3) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN NLRV7 CSA File No. 12528 CSA Class No. 3211-05 NA Certification UL Listed, CSA certified Suitable for Branch circuits, suitable as motor disconnect Degree of Protection IEC: IP65; UL/CSA Type 1, 3R, 12, 13
<b>P3-100/I5/SVB-SW/N/HI11<sup>1)</sup></b> 207377		1 Off	<b>P3-100/V/SVB-SW/N/HI11<sup>1)</sup></b> 083962		1 Off	
<b>T0-4-15682/I1/SVB-SW</b> 207162		1 Off	<b>T0-4-15682/V/SVB-SW<sup>1)</sup></b> 027011		1 Off	
<b>T3-4-15682/I2/SVB-SW<sup>2)</sup></b> 207211		1 Off	<b>T3-4-15682/V/SVB-SW<sup>1)</sup></b> 061835		1 Off	3) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN NLRV7 CSA File No. 12528 CSA Class No. 3211-05 NA Certification UL Listed, CSA certified Suitable for Branch circuits, suitable as motor disconnect Degree of Protection IEC: IP65; UL/CSA Type 1, 3R, 12, 13
<b>T5B-4-15682/I4/SVB-SW<sup>3)</sup></b> 207247		1 Off	<b>T5B-4-15682/V/SVB-SW<sup>3)</sup></b> 207428		1 Off	
<b>T5-4-15682/I5/SVB-SW</b> 207282		1 Off	<b>T5-4-15682/V/SVB-SW</b> 207416		1 Off	
<b>T6-160-6/I45/SVB-SW/HI11<sup>5)</sup></b> 201447		1 Off	<b>T6-160-6/V/SVB-SW/HI11</b> 200127		1 Off	3) Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 UL File No. UL CCN NLRV7 CSA File No. 12528 CSA Class No. 3211-05 NA Certification UL Listed, CSA certified Suitable for Branch circuits, suitable as motor disconnect Degree of Protection IEC: IP65; UL/CSA Type 1, 3R, 12, 13
<b>T8-3-8342/I48/SVB-SW/HI11<sup>6)</sup></b> 201449		1 Off	<b>T8-3-8342/V/SVB-SW/HI11</b> 200128		1 Off	

## Notes


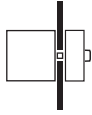
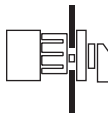
<sup>5)</sup> Enclosure without flanges with K95/1N/BR

<sup>6)</sup> With KS4-CI and K150/1/BR: Ingress protection IP64

# Cam switches, switch-disconnectors
























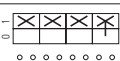







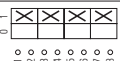

## Switch-disconnectors – On-Off switches

T, P

Contact sequence	Front plate no.	Main contacts Pole	Auxiliary contacts	Max. motor rating: AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting Front IP65	Center mounting Front IP65	Price See price list	Price See price list	Std. pack
	 FS 908	N/O	N/O	N/C	P kW	I <sub>u</sub> A				

### On-Off switches

Without auxiliary contacts  
With black thumb-grip and front plate

	1	0	0	6.5	20	<b>T0-1-8200/E<sup>(1)</sup></b> 067352	<b>T0-1-8200/EZ<sup>(2)</sup></b> 069725	1 Off	
	1	0	0	6.5	20			1 Off	
	1	0	0	13	32	<b>T3-1-8200/E<sup>(4)</sup></b> 064208	<b>T3-1-8200/EZ<sup>(4)</sup></b> 066581	1 Off	
	1	0	0	22	63	<b>T5B-1-8200/E<sup>(6)</sup></b> 094281		1 Off	
	2	0	0	6.5	20	<b>T0-1-102/E<sup>(1)</sup></b> 088709	<b>T0-1-102/EZ<sup>(2)</sup></b> 091082	1 Off	
	2	0	0	6.5	20			1 Off	
	2	0	0	13	32	<b>T3-1-102/E<sup>(1)</sup></b> 076073	<b>T3-1-102/EZ<sup>(1)</sup></b> 078446	1 Off	
	2	0	0	22	63	<b>T5B-1-102/E<sup>(6)</sup></b> 094471		1 Off	
	3	0	0	6.5	20	<b>T0-2-1/E<sup>(1)</sup></b> 024639	<b>T0-2-1/EZ<sup>(1)</sup></b> 027012	1 Off	
	3	0	0	6.5	20			1 Off	
	3	0	0	13	25	<b>P1-25/E<sup>(1)</sup></b> 038724	<b>P1-25/EZ<sup>(1)</sup></b> 041250	1 Off	
	3	0	0	13	25			1 Off	
	3	0	0	15	32	<b>P1-32/E<sup>(1)</sup></b> 079065	<b>P1-32/EZ<sup>(1)</sup></b> 048369	1 Off	
	3	0	0	15	32			1 Off	
	3	0	0	37	63	<b>P3-63/E<sup>(8)</sup></b> 026861		1 Off	
	3	0	0	45	125	<b>P5-125/E<sup>(9)</sup></b> 280897		1 Off	
	3	0	0	50	100	<b>P3-100/E<sup>(8)</sup></b> 067201		1 Off	
	3	0	0	55	160	<b>P5-160/E<sup>(9)</sup></b> 280921		1 Off	
	3	0	0	90	250	<b>P5-250/E<sup>(9)</sup></b> 280935		1 Off	
	3	0	0	110	315	<b>P5-315/E<sup>(9)</sup></b> 280949		1 Off	
	3 + N	0	0	6.5	20	<b>T0-2-8900/E<sup>(1)</sup></b> 207398	<b>T0-2-8900/EZ<sup>(1)</sup></b> 207402	1 Off	
	3 + N	0	0	13	25	<b>P1-25/E/N<sup>(1)</sup></b> 076845	<b>P1-25/EZ/N<sup>(1)</sup></b> 079218	1 Off	
	3 + N	0	0	13	25			1 Off	
	3 + N	0	0	15	32	<b>P1-32/E/N<sup>(1)</sup></b> 093456	<b>P1-32/EZ/N<sup>(1)</sup></b> 095829	1 Off	
	3 + N	0	0	15	32			1 Off	
	3 + N	0	0	37	63	<b>P3-63/E/N<sup>(8)</sup></b> 019894		1 Off	
	3 + N	0	0	50	100	<b>P3-100/E/N<sup>(8)</sup></b> 031759		1 Off	
	4	0	0	6.5	20			1 Off	



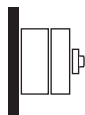
# Cam switches, switch-disconnectors

Switch-disconnectors – On-Off switches

Surface mounting

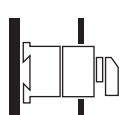
IP65

**totally insulated**



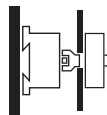
Distribution board - mounting

Front IP30



Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Part no.**  
Article no.

**Price**  
See price list

**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Information relevant for export to North America**


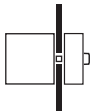
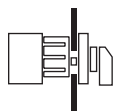


<b>T0-1-8200/11</b> 207074	1 Off	<b>T0-1-8200/IVS<sup>3)</sup></b> 074471	<b>T0-1-8200/Z<sup>1)</sup></b> 076844	1 Off	1) → Page 24
			<b>T0-1-15401/Z<sup>1)</sup></b> 048346	1 Off	2) → Page 24
<b>T3-1-8200/12<sup>4)</sup></b> 207167	1 Off		<b>T3-1-8200/Z<sup>4)</sup></b> 071327	1 Off	3) → Page 24
<b>T5B-1-8200/14<sup>5)</sup></b> 207218	1 Off		<b>T5B-1-8200/Z<sup>6)</sup></b> 094270	1 Off	4) → Page 24
<b>T0-1-102/11</b> 207061	1 Off	<b>T0-1-102/IVS<sup>3)</sup></b> 015147	<b>T0-1-102/Z<sup>1)</sup></b> 095828	1 Off	5) → Page 24
			<b>T0-1-15402/Z<sup>1)</sup></b> 062584	1 Off	6) → Page 24
<b>T3-1-102/12<sup>4)</sup></b> 207165	1 Off		<b>T3-1-102/Z<sup>4)</sup></b> 083192	1 Off	7) → Page 24
<b>T5B-1-102/14<sup>5)</sup></b> 207215	1 Off		<b>T5B-1-102/Z<sup>6)</sup></b> 094460	1 Off	8) → Page 24
<b>T0-2-1/11</b> 207081	1 Off	<b>T0-2-1/IVS<sup>3)</sup></b> 031758	<b>T0-2-1/Z<sup>1)</sup></b> 036504	1 Off	9) → Page 24
<b>T0-2-15403/11</b> 207088	1 Off		<b>T0-2-15403/Z<sup>1)</sup></b> 076822	1 Off	
<b>P1-25/12<sup>2)</sup></b> 207299	1 Off	<b>P1-25/IVS<sup>7)</sup></b> 052962	<b>P1-25/Z<sup>8)</sup></b> 057708	1 Off	
<b>P1-25/12H</b> 226898	1 Off			1 Off	
<b>P1-32/12<sup>2)</sup></b> 207320	1 Off	<b>P1-32/IVS<sup>7)</sup></b> 093303	<b>P1-32/Z<sup>8)</sup></b> 098049	1 Off	
<b>P1-32/12H</b> 227866	1 Off			1 Off	
<b>P3-63/14<sup>3)</sup></b> 207356	1 Off	<b>P3-63/IVS<sup>7)</sup></b> 041099	<b>P3-63/Z<sup>8)</sup></b> 050591	1 Off	
			<b>P5-125/Z<sup>9)</sup></b> 280920	1 Off	
<b>P3-100/15<sup>8)</sup></b> 207381	1 Off	<b>P3-100/IVS<sup>7)</sup></b> 081439	<b>P3-100/Z<sup>8)</sup></b> 090931	1 Off	
			<b>P5-160/Z<sup>9)</sup></b> 280934	1 Off	
			<b>P5-250/Z<sup>9)</sup></b> 280948	1 Off	
			<b>P5-315/Z<sup>9)</sup></b> 280962	1 Off	
<b>T0-2-8900/11</b> 207109	1 Off	<b>T0-2-8900/IVS<sup>3)</sup></b> 207403	<b>T0-2-8900/Z<sup>1)</sup></b> 207407	1 Off	
<b>P1-25/12/N<sup>8)</sup></b> 207303	1 Off	<b>P1-25/IVS/N<sup>7)</sup></b> 083964	<b>P1-25/Z/N<sup>8)</sup></b> 088710	1 Off	
<b>P1-25/12H/N</b> 226901	1 Off			1 Off	
<b>P1-32/12/N<sup>8)</sup></b> 207324	1 Off	<b>P1-32/IVS/N<sup>7)</sup></b> 010402	<b>P1-32/Z/N<sup>8)</sup></b> 015148	1 Off	
<b>P1-32/12H/N</b> 227869	1 Off			1 Off	
<b>P3-63/14/N<sup>8)</sup></b> 207360	1 Off	<b>P3-63/IVS/N<sup>7)</sup></b> 022267	<b>P3-63/Z/N<sup>8)</sup></b> 027013	1 Off	
<b>P3-100/15/N<sup>8)</sup></b> 207385	1 Off	<b>P3-100/IVS/N<sup>7)</sup></b> 034132	<b>P3-100/Z/N<sup>8)</sup></b> 038878	1 Off	
<b>T0-2-15404/11</b> 207089	1 Off	<b>T0-2-15404/IVS<sup>3)</sup></b> 088687	<b>T0-2-15404/Z<sup>1)</sup></b> 091060	1 Off	

# Cam switches, switch-disconnectors

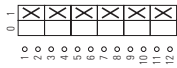



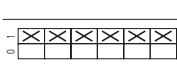







## Switch-disconnectors – On-Off switches

### T

Contact sequence	Front plate no.	Main contacts Pole	Auxiliary contacts	Max. motor rating: AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting Front IP65	Center mounting Front IP65	Part no. Article no.	Price See price list	Part no. Article no.	Price See price list	Std. pack
	 <b>FS 908</b>	N/O	N/O	N/C	P kW	I <sub>u</sub> A						

### On-Off switches

Without auxiliary contacts  
With black thumb-grip and front plate

	6	0	0	6.5	20	<b>T0-3-8342/E<sup>1)</sup></b> 043624	<b>T0-3-8342/EZ<sup>1)</sup></b> 045997	1 Off	
	6	0	0	13	32	<b>T3-3-8342/E<sup>4)</sup></b> 045225		1 Off	
	6	0	0	22	63	<b>T5B-3-8342/E<sup>6)</sup></b> 092310		1 Off	
	8	0	0	6.5	20	<b>T0-4-8344/E<sup>1)</sup></b> 014000	<b>T0-4-8344/EZ<sup>1)</sup></b> 014002	1 Off	
	8	0	0	13	32	<b>T3-4-8344/E<sup>4)</sup></b> 020593	<b>T3-4-8344/EZ<sup>4)</sup></b> 020595	1 Off	
	8	0	0	22	63	<b>T5B-4-8344/E<sup>6)</sup></b> 092064		1 Off	

### Information relevant for export to North America



1) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12	2) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type: –	3) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP30; UL/CSA Type: –
6) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-07 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 1	7) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type: –	8) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12

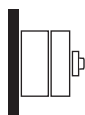
# Cam switches, switch-disconnectors

Switch-disconnectors – On-Off switches

Surface mounting

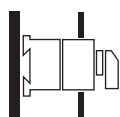
IP65

**totally insulated**



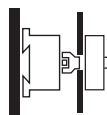
Distribution board - mounting

Front IP30



Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Part no.**  
Article no.

**Price**  
See price list

**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**Information relevant for export to North America**



<b>T0-3-8342/11</b> 207131	1 Off	<b>T0-3-8342/IVS<sup>3)</sup></b> 050743	<b>T0-3-8342/Z<sup>1)</sup></b> 055489	1 Off 
<b>T3-3-8342/12<sup>4)</sup></b> 207187	1 Off 		<b>T3-3-8342/Z<sup>4)</sup></b> 052344	1 Off 
<b>T5B-3-8342/14<sup>5)</sup></b> 207226	1 Off 		<b>T5B-3-8342/Z<sup>6)</sup></b> 092297	1 Off 
<b>T0-4-8344/11</b> 207139	1 Off	<b>T0-4-8344/IVS<sup>3)</sup></b> 014006	<b>T0-4-8344/Z<sup>1)</sup></b> 014009	1 Off 
<b>T3-4-8344/12<sup>4)</sup></b> 207194	1 Off 		<b>T3-4-8344/Z<sup>4)</sup></b> 020600	1 Off 
<b>T5B-4-8344/14<sup>5)</sup></b> 207233	1 Off 			

4)  
Product Standards UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-07  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits, suitable as  
motor disconnect  
Degree of Protection IEC: IP65; UL/CSA Type 3R, 12


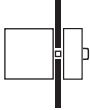



5)  
Product Standards UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-07  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits, suitable as  
motor disconnect  
Degree of Protection IEC: IP65; UL/CSA Type: –

9)  
Product Standards UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 223805  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits, suitable as  
motor disconnect  
Degree of Protection IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

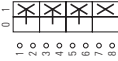

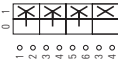


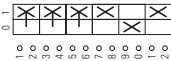










## Switch-disconnectors – On-Off switches

T, P

Contact sequence	Front plate no.  FS 908	Main contacts Pole	Auxiliary contacts	Max. motor rating: AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting 	Front IP65	Part no. Article no.	Price See price list	Std. pack
		N/O 	N/O 	N/C 	400 V P kW	I <sub>U</sub> A				

### On-Off switches without emergency switching off/emergency stop function

With auxiliary contacts With black thumb-grip and front plate

	3	1	0	6.5	20	<b>T0-2-15679/E<sup>1)</sup></b> 029387	1 Off 
	3	1	1	13	25		1 Off 
	3	1	1	15	32		1 Off 
	3	2	1	6.5	20	<b>T0-3-15683/E<sup>1)</sup></b> 016619	1 Off 
	3	2	1	13	32	<b>T3-3-15683/E<sup>3)</sup></b> 014377	1 Off 
	3 + N	1	1	6.5	20	<b>T0-3-8901/E<sup>1)</sup></b> 231938	1 Off 
	3 + N	1	1	13	32	<b>T3-3-8901/E<sup>3)</sup></b> 231949	1 Off 
	6	1	1	6.5	20	<b>T0-4-15682/E<sup>1)</sup></b> 010405	1 Off 
	6	1	1	13	32	<b>T3-4-15682/E<sup>3)</sup></b> 023869	1 Off 
	6	1	1	22	63	<b>T5B-4-15682/E<sup>4)</sup></b> 207424	1 Off 
	6	1	1	30	100	<b>T5-4-15682/E</b> 207412	1 Off 

### Information relevant for export to North America



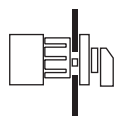
1) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12	2) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP30; UL/CSA Type: –	3) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-07 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12
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7) Product Standards UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Degree of Protection	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking E36332 NLRV 12528 3211-05 UL Listed, CSA certified Branch circuits, suitable as motor disconnect IEC: IP65; UL/CSA Type 3R, 12
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# Cam switches, switch-disconnectors

## Switch-disconnectors – On-Off switches

Center mounting  
Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Surface mounting  
IP65



**Part no.**  
Article no.

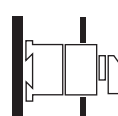
**Price**  
See price list

Std. pack

Totally insulated

Distribution board - mounting

Front IP30



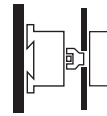
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

<b>T0-2-15679/EZ<sup>1)</sup></b> 031760	1 Off 	<b>T0-2-15679/I1</b> 207094	1 Off	<b>T0-2-15679/IVS<sup>2)</sup></b> 036506	1 Off 	<b>T0-2-15679/Z<sup>1)</sup></b> 041252	1 Off 
	1 Off 	<b>P1-25/12H/HI11</b> 226899	1 Off		1 Off 		1 Off 
	1 Off 	<b>P1-32/12H/HI11</b> 227867	1 Off		1 Off 		1 Off 
<b>T0-3-15683/EZ<sup>1)</sup></b> 016658	1 Off 	<b>T0-3-15683/I1</b> 207118	1 Off	<b>T0-3-15683/IVS<sup>2)</sup></b> 016722	1 Off 		1 Off 
	1 Off 	<b>T3-3-15683/I2<sup>3)</sup></b> 207182	1 Off 		1 Off 		1 Off 
<b>T0-3-8901/EZ<sup>1)</sup></b> 231939	1 Off 	<b>T0-3-8901/I1</b> 231941	1 Off	<b>T0-3-8901/IVS<sup>2)</sup></b> 231940	1 Off 		1 Off 
<b>T3-3-8901/EZ<sup>3)</sup></b> 231950	1 Off 	<b>T3-3-8901/I2<sup>3)</sup></b> 231951	1 Off 		1 Off 	<b>T3-3-8901/Z<sup>3)</sup></b> 231952	1 Off 
<b>T0-4-15682/EZ<sup>1)</sup></b> 012778	1 Off 	<b>T0-4-15682/I1</b> 207135	1 Off	<b>T0-4-15682/IVS<sup>2)</sup></b> 017524	1 Off 	<b>T0-4-15682/Z<sup>1)</sup></b> 022270	1 Off 
	1 Off 	<b>T3-4-15682/I2<sup>3)</sup></b> 207190	1 Off 		1 Off 	<b>T3-4-15682/Z<sup>3)</sup></b> 030988	1 Off 
	1 Off 	<b>T5B-4-15682/I4<sup>5)</sup></b> 207229	1 Off 		1 Off 	<b>T5B-4-15682/Z<sup>4)</sup></b> 207429	1 Off 
	1 Off 	<b>T5-4-15682/I5</b> 207269	1 Off		1 Off 	<b>T5-4-15682/Z</b> 207417	1 Off 

4)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-07  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP65; UL/CSA Type 1

5)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-07  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP65; UL/CSA Type: –


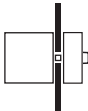



6)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP65; UL/CSA Type: –

# Cam switches, switch-disconnectors















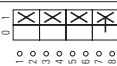

## Switch-disconnectors – On-Off switches

T, P

Contact sequence	Front plate no.  FS 908	Main contacts Pole	Auxiliary contacts	Max. motor rating: AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting 	Front IP65	Part no. Article no.	Price See price list	Std. pack
		N/O 	N/O 	N/C 	400 V P kW	I <sub>u</sub> A				

### On-Off switches as an emergency switching off/emergency stop device

With red thumb-grip and yellow front plate  
To IEC/EN 60204-1, VDE 113 Part 1

	1	0	0	6.5	20	<b>T0-1-8200/E-RT<sup>1)</sup></b> 009474	1 Off 
				13	32	<b>T3-1-8200/E-RT<sup>3)</sup></b> 017025	1 Off 
				22	63	<b>T5B-1-8200/E-RT<sup>4)</sup></b> 094280	1 Off 
				30	100	<b>T5-1-8200/E-RT</b> 097225	1 Off
	2	0	0	6.5	20	<b>T0-1-102/E-RT<sup>1)</sup></b> 009046	1 Off 
				13	32	<b>T3-1-102/E-RT<sup>1)</sup></b> 016318	1 Off 
				22	63	<b>T5B-1-102/E-RT<sup>4)</sup></b> 094470	1 Off 
	3	0	0	6.5	20	<b>T0-2-1/E-RT<sup>1)</sup></b> 011082	1 Off 
				13	25	<b>P1-25/E-RT<sup>1)</sup></b> 002388	1 Off 
				15	32	<b>P1-32/E-RT<sup>1)</sup></b> 003197	1 Off 
				37	63	<b>P3-63/E-RT<sup>7)</sup></b> 005743	1 Off 
				50	100	<b>P3-100/E-RT<sup>7)</sup></b> 007189	1 Off 
	3 + N	0	0	6.5	20	<b>T0-2-8900/E-RT<sup>1)</sup></b> 207399	1 Off 

### Information relevant for export to North America

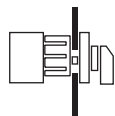


1)	Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	Product Standards	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
	UL File No.	E36332	UL File No.	E36332	UL File No.	E36332
	UL CCN	NLRV	UL CCN	NLRV	UL CCN	NLRV
	CSA File No.	12528	CSA File No.	12528	CSA File No.	12528
	CSA Class No.	3211-05	CSA Class No.	3211-05	CSA Class No.	3211-07
	NA Certification	UL Listed, CSA certified	NA Certification	UL Listed, CSA certified	NA Certification	UL Listed, CSA certified
	Suitable for	Branch circuits, suitable as motor disconnect	Suitable for	Branch circuits, suitable as motor disconnect	Suitable for	Branch circuits, suitable as motor disconnect
	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12	Degree of Protection	IEC: IP30; UL/CSA Type: –	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12
7)	Product Standards	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking				
	UL File No.	E36332				
	UL CCN	NLRV				
	CSA File No.	12528				
	CSA Class No.	3211-05				
	NA Certification	UL Listed, CSA certified				
	Suitable for	Branch circuits, suitable as motor disconnect				
	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12				

# Cam switches, switch-disconnectors

## Switch-disconnectors – On-Off switches

Center  
mounting  
Front IP65



**Part no.**  
Article no.

**Price**  
See  
price  
list

Std. pack

Surface  
mounting  
IP65



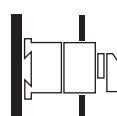
**Part no.**  
Article no.

**Price**  
See  
price  
list

Std. pack

totally insulated

Distribution board - mounting  
Front IP30

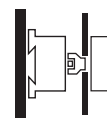


**Part no.**  
Article no.

**Price**  
See  
price  
list

Std. pack





































Rear mounting  
Front IP65



**Part no.**  
Article no.

**Price**  
See  
price  
list

Std. pack

Part no. Article no.	Price See price list	Std. pack	Part no. Article no.	Price See price list	Std. pack
<b>T0-1-8200/I1-RT</b> 207075		1 Off	<b>T0-1-8200/IVS-RT<sup>2)</sup></b> 081956		1 Off  
					1 Off  
					1 Off  
					1 Off  
<b>T0-1-102/I1-RT</b> 207062		1 Off	<b>T0-1-102/IVS-RT<sup>2)</sup></b> 079583		1 Off  
<b>T3-1-102/I2-RT<sup>3)</sup></b> 207166		1 Off  			1 Off  
					1 Off  
<b>T0-2-1/I1-RT</b> 207082		1 Off	<b>T0-2-1/IVS-RT<sup>2)</sup></b> 084329		1 Off  
<b>P1-25/I2-RT<sup>7)</sup></b> 207300		1 Off  	<b>P1-25/IVS-RT<sup>6)</sup></b> 013140		1 Off  
<b>P1-32/I2-RT<sup>7)</sup></b> 207321		1 Off  	<b>P1-32/IVS-RT<sup>6)</sup></b> 022632		1 Off  
<b>P3-63/I4-RT<sup>7)</sup></b> 207357		1 Off  	<b>P3-63/IVS-RT<sup>6)</sup></b> 045845		1 Off  
<b>P3-100/I5-RT<sup>7)</sup></b> 207382		1 Off  	<b>P3-100/IVS-RT<sup>6)</sup></b> 086185		1 Off  
<b>T0-2-8900/I1-RT</b> 207110		1 Off	<b>T0-2-8900/IVS-RT<sup>2)</sup></b> 207404		1 Off  

4)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
E36332  
UL CCN  
NLRV  
CSA File No.  
12528  
CSA Class No.  
3211-07  
NA Certification  
UL Listed, CSA certified  
Suitable for  
Branch circuits, suitable as  
motor disconnect  
Degree of Protection  
IEC: IP65; UL/CSA Type 1

5)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
E36332  
UL CCN  
NLRV  
CSA File No.  
12528  
CSA Class No.  
3211-07  
NA Certification  
UL Listed, CSA certified  
Suitable for  
Branch circuits, suitable as  
motor disconnect  
Degree of Protection  
IEC: IP65; UL/CSA Type: –

6)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
E36332  
UL CCN  
NLRV  
CSA File No.  
12528  
CSA Class No.  
3211-05  
NA Certification  
UL Listed, CSA certified  
Suitable for  
Branch circuits, suitable as  
motor disconnect  
Degree of Protection  
IEC: IP65; UL/CSA Type: –

# Cam switches, switch-disconnectors

## Switch-disconnectors – safety switches

T, P

Contact sequence	Front plate no.	Main contacts Pole	Auxiliary contacts	Max. motor rating AC-23 A, 400/415 V, 50/60 Hz	Rated uninterrupted current	As an emergency switching off/emergency stop device <sup>1)</sup> Surface mounting IP65	Part no. Article no.	Price See price list	Std. pack
	FS 908 	N/O	N/O N/C	400 V P kW	I <sub>U</sub> A				
<b>Safety switches with warning label</b>									
		3	0	0	13	25	<b>P1-25/12-SI<sup>(3)</sup></b> 207308		1 Off
					15	32	<b>P1-32/12-SI<sup>(3)</sup></b> 207329		1 Off
					37	63	<b>P3-63/14-SI<sup>(3)</sup></b> 207361		1 Off
					50	100	<b>P3-100/15-SI<sup>(3)</sup></b> 207386		1 Off
		3	1	1	13	25	<b>P1-25/12-SI/HI11<sup>(3)</sup></b> 207310		1 Off
					15	32	<b>P1-32/12-SI/HI11<sup>(3)</sup></b> 207331		1 Off
					37	63	<b>P3-63/14-SI/HI11<sup>(3)</sup></b> 207363		1 Off
					50	100	<b>P3-100/15-SI/HI11<sup>(3)</sup></b> 207388		1 Off
		3 + N	0	0	13	25	<b>P1-25/12-SI/N<sup>(3)</sup></b> 207312		1 Off
					15	32	<b>P1-32/12-SI/N<sup>(3)</sup></b> 207333		1 Off
					37	63	<b>P3-63/14-SI/N<sup>(3)</sup></b> 207365		1 Off
					50	100	<b>P3-100/15-SI/N<sup>(3)</sup></b> 207390		1 Off
		6	0	0	22	63	<b>T5B-3-8342/14-SI<sup>(4)</sup></b> 207250		1 Off
					30	100	<b>T5-3-8342/15-SI<sup>(4)</sup></b> 207447		1 Off
		6	1	1	22	63	<b>T5B-4-15682/14-SI<sup>(4)</sup></b> 207254		1 Off
					30	100	<b>T5-4-15682/15-SI<sup>(4)</sup></b> 207285		1 Off
		6	2	0	22	63	<b>T5B-4-8903/14-SI<sup>(4)</sup></b> 207258		1 Off
					30	100	<b>T5-4-8903/15-SI<sup>(4)</sup></b> 207289		1 Off

**Notes**

- 1) Surface mounting IP65 : With red rotary handle and yellow locking collar with auxiliary contacts , lockable in position 0 with cover interlock, according to IEC/EN 60204-1, VDE 0113 Part 1
- 2) Surface mounting IP65 : With black rotary handle and locking collar with auxiliary contacts Lockable in position 0 with cover interlock

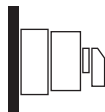


Without emergency switching off/  
emergency stop function <sup>2)</sup>

Surface mounting

IP65

totally insulated



Part no. Article no.	Price See price list	Std. pack	Notes
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<b>P1-25/12-SI-SW<sup>3)</sup></b> 207309	1 Off	<p><b>Engineering</b> Maintenance, repair and safety switches all have the same electrical function. They are designed to safely isolate electrical installations (loads) from mains power during maintenance and repair work and to ensure that a hazard does not arise which endangers personnel, machinery and production materials.</p> <p>A safety switch is an additional enclosed main switch = isolator dedicated to an individual electrical load and mounted in the immediate vicinity of the motor or the electrical load. This is particularly important if there is any danger of the main switch being inadvertently operated.</p> <p><b>Application</b> By using his padlock (up to 3), each fitter/electrician involved can protect themselves by preventing unauthorized personnel from switching the unit on. Maintenance/manual override switches are simply additional enclosed main switches with a padlocking feature.</p> <p>Enclosed main switch with padlocking facility</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Safety switches are always housed in insulated enclosures and have an inscription saying "Safety Switch" on a bright orange label.</li> <li>• Switches to be used for emergency stop switching have a red handle and yellow locking collar in accordance with STOP category 0 (as per IEC/EN 60204/VDE 0113).</li> <li>• If the switch is not approved for emergency stop switching, both parts will be black ("SW" part no. suffix).</li> <li>• The cover and handle are interlocked by fitting a padlock.</li> </ul>
<b>P1-32/12-SI-SW<sup>3)</sup></b> 207330	1 Off	
<b>P3-63/14-SI-SW<sup>3)</sup></b> 207362	1 Off	
<b>P3-100/15-SI-SW<sup>3)</sup></b> 207387	1 Off	
<b>P1-25/12-SI/HI11-SW<sup>3)</sup></b> 207311	1 Off	
<b>P1-32/12-SI/HI11-SW<sup>3)</sup></b> 207332	1 Off	
<b>P3-63/14-SI/HI11-SW<sup>3)</sup></b> 207364	1 Off	
<b>P3-100/15-SI/HI11-SW<sup>3)</sup></b> 207389	1 Off	
<b>P1-25/12-SI/N-SW<sup>3)</sup></b> 207313	1 Off	
<b>P1-32/12-SI/N-SW<sup>3)</sup></b> 207334	1 Off	
<b>P3-63/14-SI/N-SW<sup>3)</sup></b> 207366	1 Off	
<b>P3-100/15-SI/N-SW<sup>3)</sup></b> 207391	1 Off	
<b>T5B-3-8342/14-SI-SW<sup>4)</sup></b> 207251	1 Off	
<b>T5-3-8342/15-SI-SW<sup>4)</sup></b> 207448	1 Off	
<b>T5B-4-15682/14-SI-SW<sup>4)</sup></b> 207255	1 Off	
<b>T5-4-15682/15-SI-SW<sup>4)</sup></b> 207286	1 Off	
<b>T5B-4-8903/14-SI-SW<sup>4)</sup></b> 207259	1 Off	
<b>T5-4-8903/15-SI-SW<sup>4)</sup></b> 207290	1 Off	

### Selection

The switches must be selected according to the following performance specifications:

1) According to motor switching capacity, when the switch is fitted in such a way that the operator may use it for operational ON and OFF switching.

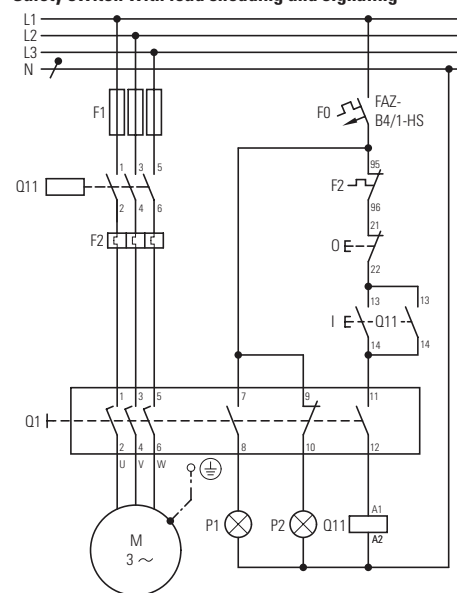
2) The rating data always applies to 3 poles. When the motor rating is divided between 6 poles, such as for star-delta switching, a 6 pole switch can be used to control 1.73 times the rated power.

3) If the switch has a load-shedding Contact (LA), you can select the appropriate switch according to the uninterrupted current. The load-shedding contact is an auxiliary contact, which is closed in the ON position and opens early when switching off, so that a contactor located in the circuit takes over the switching duty and the maintenance/safety switch operates at zero load. When switching on, the load-shedding contact closes later than or at the same time as the main contacts. With P and T switches this is the N/O auxiliary contact.

4) The "ON" position can be locked with a padlock (by altering the handle).

This is not permissible for switches with a red/yellow handle.

### Safety switch with load shedding and signaling


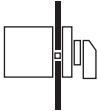


# Cam switches, switch-disconnectors

## Switch-disconnectors – changeover switches









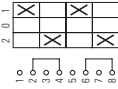




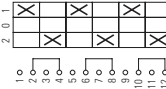




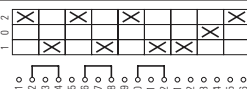

T, P

Flush mounting

Contact sequence	Front plate no.	Main contacts Pole	Max. operating power AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Front IP65	Part no. Article no.	Price See price list	Std. pack
		N/O 	400 V P kW	$I_u$ A				

### Changeover switches

With black thumb-grip and front plate without emergency switching off/emergency stop function

	 FS 684	1	6.5	20	<b>T0-1-8210/E<sup>1)</sup></b> 012742	1 Off	
			13	32	<b>T3-1-8210/E<sup>1)</sup></b> 054718	1 Off	
			22	63	<b>T5B-1-8210/E<sup>5)</sup></b> 094261	1 Off	
	 FS 4011	1	6.5	20		1 Off	
	 FS 684	2	6.5	20	<b>T0-2-8211/E<sup>1)</sup></b> 022234	1 Off	
			13	32	<b>T3-2-8211/E<sup>1)</sup></b> 061837	1 Off	
			22	63	<b>T5B-2-8211/E<sup>5)</sup></b> 093094	1 Off	
	 FS 684	3	6.5	20	<b>T0-3-8212/E<sup>1)</sup></b> 029353	1 Off	
			13	32	<b>T3-3-8212/E<sup>1)</sup></b> 068956	1 Off	
			22	63	<b>T5B-3-8212/E<sup>5)</sup></b> 092386	1 Off	
			30	100	<b>T5-3-8212/E</b> 096466	1 Off	
	 FS 684	3	55	160	<b>T6-3-8212/E/HI12</b> 214781	1 Off	
			132	315	<b>T8-3-8212/E/HI12</b> 214782	1 Off	

### Information relevant for export to North America



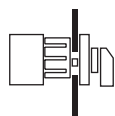
1)	Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	2)	Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	3)	Product Standards	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
	UL File No.	E36332		UL File No.	E36332		UL File No.	E36332
	UL CCN	NLRV		UL CCN	NLRV		UL CCN	NLRV
	CSA File No.	12528		CSA File No.	12528		CSA File No.	12528
	CSA Class No.	3211-05		CSA Class No.	3211-05		CSA Class No.	3211-05
	NA Certification	UL Listed, CSA certified		NA Certification	UL Listed, CSA certified		NA Certification	UL Listed, CSA certified
	Suitable for	Branch circuits		Suitable for	Branch circuits		Suitable for	Branch circuits
	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12		Degree of Protection	IEC: IP30; UL/CSA Type: –		Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

## Switch-disconnectors – changeover switches

Center mounting

Front IP65



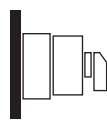
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Surface mounting

IP65



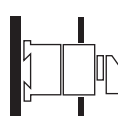
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Distribution board mounting

Front IP30



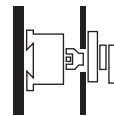
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

totally insulated

<b>T0-1-8210/EZ</b> <sup>(1)</sup> 048337	1 Off 	<b>T0-1-8210/I1</b> 207076	1 Off 	<b>T0-1-8210/IVS</b> <sup>(2)</sup> 074440	1 Off 	<b>T0-1-8210/Z</b> <sup>(1)</sup> 019862	1 Off 
<b>T3-1-8210/EZ</b> <sup>(1)</sup> 003072	1 Off 	<b>T3-1-8210/I2</b> <sup>(3)</sup> 207169	1 Off 		1 Off 	<b>T3-1-8210/Z</b> <sup>(1)</sup> 057091	1 Off 
	1 Off 	<b>T5B-1-8210/I4</b> <sup>(4)</sup> 207432	1 Off 		1 Off 	<b>T5B-1-8210/Z</b> <sup>(5)</sup> 094258	1 Off 
<b>T0-1-8214/EZ</b> <sup>(1)</sup> 076815	1 Off 				1 Off 	<b>T0-1-8214/Z</b> <sup>(1)</sup> 050720	1 Off 
<b>T0-2-8211/EZ</b> <sup>(1)</sup> 053083	1 Off 	<b>T0-2-8211/I1</b> 207102	1 Off 	<b>T0-2-8211/IVS</b> <sup>(2)</sup> 076813	1 Off 	<b>T0-2-8211/Z</b> <sup>(1)</sup> 029354	1 Off 
<b>T3-2-8211/EZ</b> <sup>(1)</sup> 003075	1 Off 	<b>T3-2-8211/I2</b> <sup>(3)</sup> 207178	1 Off 		1 Off 	<b>T3-2-8211/Z</b> <sup>(1)</sup> 064210	1 Off 
	1 Off 	<b>T5B-2-8211/I4</b> <sup>(4)</sup> 207220	1 Off 		1 Off 	<b>T5B-2-8211/Z</b> <sup>(5)</sup> 093082	1 Off 
<b>T0-3-8212/EZ</b> <sup>(1)</sup> 057829	1 Off 	<b>T0-3-8212/I1</b> 207123	1 Off 	<b>T0-3-8212/IVS</b> <sup>(2)</sup> 079186	1 Off 	<b>T0-3-8212/Z</b> <sup>(1)</sup> 036473	1 Off 
<b>T3-3-8212/EZ</b> <sup>(1)</sup> 003080	1 Off 	<b>T3-3-8212/I2</b> <sup>(3)</sup> 207183	1 Off 		1 Off 	<b>T3-3-8212/Z</b> <sup>(1)</sup> 071329	1 Off 
		<b>T5B-3-8212/I4</b> <sup>(4)</sup> 207223	1 Off 		1 Off 	<b>T5B-3-8212/Z</b> <sup>(5)</sup> 092383	1 Off 
		<b>T5-3-8212/I5</b> 207266	1 Off			<b>T5-3-8212/Z</b> 096464	1 Off

4)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV7  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type: –


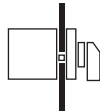
5)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV7  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type 1

# Cam switches, switch-disconnectors

## Switch-disconnectors – changeover switches

T, P

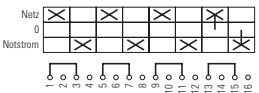




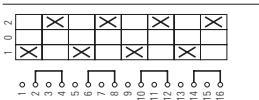





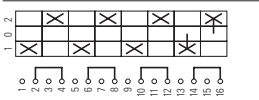





Flush mounting

Contact sequence	Front plate no.	Main contacts Pole	Max. operating power AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Front IP65	Part no. Article no.	Price See price list	Std. pack
		N/O 	400 V P kW	$I_u$ A				

### Changeover switches

With black thumb-grip and front plate

Without emergency switching off/emergency stop function

 FS 161629	 FS 161629	4	13	32	<b>T3-4-8902/E</b> <sup>1)</sup> 215222	1 Off	
			22	63	<b>T5B-4-8902/E</b> <sup>5)</sup> 207430	1 Off	
			30	100	<b>T5-4-8902/E</b> 207418	1 Off	
 FS 684	 FS 684	4	6.5	20	<b>T0-4-8213/E</b> <sup>1)</sup> 031726	1 Off	
			13	32	<b>T3-4-8213/E</b> <sup>1)</sup> 076075	1 Off	
			22	63	<b>T5B-4-8213/E</b> <sup>5)</sup> 092112	1 Off	
			30	100	<b>T5-4-8213/E</b> 096014	1 Off	
 FS 953	 FS 953	4	6.5	20	<b>T0-4-8294/E</b> <sup>1)</sup> 010371	1 Off	
			13	32	<b>T3-4-8294/E</b> <sup>1)</sup> 002513	1 Off	
			22	63	<b>T5B-4-8294/E</b> <sup>5)</sup> 092084	1 Off	
			30	100	<b>T5-4-8294/E</b> 095986	1 Off	

### Information relevant for export to North America



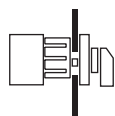
1)	2)	3)
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	Product Standards UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
UL File No. E36332	UL File No. E36332	UL File No. E36332
UL CCN NLRV	UL CCN NLRV	UL CCN NLRV
CSA File No. 12528	CSA File No. 12528	CSA File No. 12528
CSA Class No. 3211-05	CSA Class No. 3211-05	CSA Class No. 3211-05
NA Certification UL Listed, CSA certified	NA Certification UL Listed, CSA certified	NA Certification UL Listed, CSA certified
Suitable for Branch circuits	Suitable for Branch circuits	Suitable for Branch circuits
Degree of Protection IEC: IP65; UL/CSA Type 3R, 12	Degree of Protection IEC: IP30; UL/CSA Type: –	Degree of Protection IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

## Switch-disconnectors – changeover switches

Center mounting

Front IP65



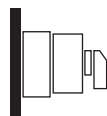
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Surface mounting

IP65



**Part no.**  
Article no.

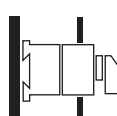
**Price**  
See price list

Std. pack

totally insulated

Distribution board mounting

Front IP30



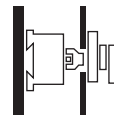
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

<b>T3-4-8902/EZ</b> <sup>(1)</sup> 215223	1 Off 	<b>T3-4-8902/I2</b> <sup>(3)</sup> 215224	1 Off 	<b>T3-4-8902/Z</b> <sup>(1)</sup> 215225	1 Off 
		<b>T5B-4-8902/I4</b> <sup>(4)</sup> 207237	1 Off 	<b>T5B-4-8902/Z</b> <sup>(5)</sup> 207431	1 Off 
		<b>T5-4-8902/I5</b> 207214	1 Off	<b>T5-4-8902/Z</b> 207419	1 Off
<b>T0-4-8213/EZ</b> <sup>(1)</sup> 062575	1 Off 	<b>T0-4-8213/I1</b> 207136	1 Off	<b>T0-4-8213/IVS</b> <sup>(2)</sup> 081559	1 Off 
<b>T3-4-8213/EZ</b> <sup>(1)</sup> 003079	1 Off 	<b>T3-4-8213/I2</b> <sup>(3)</sup> 207191	1 Off 	<b>T3-4-8213/Z</b> <sup>(1)</sup> 078448	1 Off 
		<b>T5B-4-8213/I4</b> <sup>(4)</sup> 207230	1 Off 	<b>T5B-4-8213/Z</b> <sup>(5)</sup> 092109	1 Off 
		<b>T5-4-8213/I5</b> 207270	1 Off	<b>T5-4-8213/Z</b> 096012	1 Off
<b>T0-4-8294/EZ</b> <sup>(1)</sup> 072069	1 Off 	<b>T0-4-8294/I1</b> 207138	1 Off	<b>T0-4-8294/IVS</b> <sup>(2)</sup> 043594	1 Off 
		<b>T3-4-8294/I2</b> <sup>(3)</sup> 207193	1 Off 	<b>T3-4-8294/Z</b> <sup>(1)</sup> 004886	1 Off 
		<b>T5B-4-8294/I4</b> <sup>(4)</sup> 207232	1 Off 	<b>T5B-4-8294/Z</b> <sup>(5)</sup> 092081	1 Off 
		<b>T5-4-8294/I5</b> 207433	1 Off	<b>T5-4-8294/Z</b> 095984	1 Off

4)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV7  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type –

5)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV7  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type 1

# Cam switches, switch-disconnectors

## Switch-disconnectors – changeover switches

### T, P

Contact sequence

Front plate no.

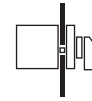
Main contacts Pole

Max. motor rating AC-23A 400/415 V 50/60 Hz

Rated uninterrupted current

Flush mounting

Front IP65



N/O  
400 V  
P  
kW

I<sub>u</sub>  
A

Part no.  
Article no.

Price  
See price list

Std. pack

### Changeover switches with 0 position

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function  
with momentary from both directions to 0

		1	6.5	20	<b>T0-1-8214/E<sup>2)</sup></b> 019863	1 Off		
			FS 4011	13	32	<b>T3-1-8214/E<sup>2)</sup></b> 009632	1 Off	
		2	6.5	20	<b>T0-2-8215/E<sup>2)</sup></b> 022236	1 Off		
			FS 4011	13	32	<b>T3-2-8215/E<sup>2)</sup></b> 016751	1 Off	
		3	6.5	20	<b>T0-3-8216/E<sup>2)</sup></b> 024609	1 Off		
			FS 4011	13	32	<b>T3-3-8216/E<sup>2)</sup></b> 023870	1 Off	

### Changeover switches without 0 position

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function

Two-way switch

		1	6.5	20	<b>T0-1-8220/E<sup>2)</sup></b> 031728	1 Off			
			FS 943						
		2	6.5	20	<b>T0-2-8221/E<sup>2)</sup></b> 038847	1 Off			
			FS 943	13	32	<b>T3-2-8221/E<sup>2)</sup></b> 045227	1 Off		
				22	63	<b>T5B-2-8221/E<sup>4)</sup></b> 093047	1 Off		
		3	6.5	20	<b>T0-3-8222/E<sup>2)</sup></b> 048339	1 Off			
			FS 943	13	32	<b>T3-3-8222/E<sup>2)</sup></b> 052346	1 Off		
				22	63	<b>T5B-3-8222/E<sup>4)</sup></b> 092378	1 Off		
		4	6.5	20	<b>T0-4-8223/E<sup>2)</sup></b> 050712	1 Off			
			FS 943	13	32	<b>T3-4-8223/E<sup>2)</sup></b> 059465	1 Off		
				22	63	<b>T5B-4-8223/E<sup>4)</sup></b> 092108	1 Off		
		5	6.5	20	<b>T0-5-8369/E<sup>2)</sup></b> 060204	1 Off			
			FS 943	13	32	<b>T3-5-8369/E<sup>2)</sup></b> 066584	1 Off		
		6	6.5	20	<b>T0-6-8370/E<sup>2)</sup></b> 062577	1 Off			
			FS 943	13	32	<b>T3-6-8370/E<sup>2)</sup></b> 073703	1 Off		
		8	6.5	20	<b>T0-8-8372/E<sup>2)</sup></b> 064950	1 Off			
			FS 943	13	32	<b>T3-8-8372/E<sup>2)</sup></b> 080822	1 Off		

### Information relevant for export to North America



1)  
Product Standards

UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking

E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits  
IEC: IP30; UL/CSA Type: –

2)

Product Standards

UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking

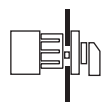
E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits  
IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

Switch-disconnectors – changeover switches

Center mounting

Front IP65



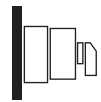
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Surface mounting

IP65



**Part no.**  
Article no.

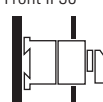
**Price**  
See price list

Std. pack

Totally insulated

Distribution board mounting

Front IP30



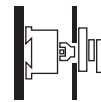
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

<b>T0-1-8214/EZ</b> 076815		<b>T0-1-8214/I1</b> 207077	1 Off	<b>T0-1-8214/IVS<sup>1)</sup></b> 045967	1 Off	<b>T0-1-8214/Z</b> 050720	
<b>T0-2-8215/EZ<sup>2)</sup></b> 081561	1 Off	<b>T0-2-8215/I1</b> 207103	1 Off	<b>T0-2-8215/IVS<sup>1)</sup></b> 048340	1 Off		
		<b>T3-2-8215/I2<sup>3)</sup></b> 207179	1 Off				
<b>T0-3-8216/EZ<sup>2)</sup></b> 086307	1 Off	<b>T0-3-8216/I1</b> 207434	1 Off	<b>T0-3-8216/IVS<sup>1)</sup></b> 050713	1 Off	<b>T0-3-8216/Z<sup>2)</sup></b> 055466	1 Off
		<b>T3-3-8216/I2<sup>3)</sup></b> 207184	1 Off				
<b>T0-1-8220/EZ<sup>2)</sup></b> 095799	1 Off	<b>T0-1-8220/I1</b> 207078	1 Off	<b>T0-1-8220/IVS<sup>1)</sup></b> 055459	1 Off	<b>T0-1-8220/Z<sup>2)</sup></b> 086312	1 Off
<b>T0-2-8221/EZ<sup>2)</sup></b> 010372	1 Off	<b>T0-2-8221/I1</b> 207104	1 Off	<b>T0-2-8221/IVS<sup>1)</sup></b> 057832	1 Off	<b>T0-2-8221/Z<sup>2)</sup></b> 074450	1 Off
<b>T3-2-8221/EZ<sup>2)</sup></b> 001025	1 Off	<b>T3-2-8221/I2<sup>3)</sup></b> 207180	1 Off			<b>T3-2-8221/Z<sup>2)</sup></b> 047600	1 Off
		<b>T5B-2-8221/I4<sup>5)</sup></b> 207221	1 Off			<b>T5B-2-8221/Z<sup>4)</sup></b> 093044	1 Off
<b>T0-3-8222/EZ<sup>2)</sup></b> 015118	1 Off	<b>T0-3-8222/I1</b> 207124	1 Off	<b>T0-3-8222/IVS<sup>1)</sup></b> 060205	1 Off	<b>T0-3-8222/Z<sup>2)</sup></b> 088686	1 Off
<b>T3-3-8222/EZ<sup>2)</sup></b> 001069	1 Off	<b>T3-3-8222/I2<sup>3)</sup></b> 207185	1 Off			<b>T3-3-8222/Z<sup>2)</sup></b> 057092	1 Off
		<b>T5B-3-8222/I4<sup>5)</sup></b> 207224	1 Off			<b>T5B-3-8222/Z<sup>4)</sup></b> 092375	1 Off
<b>T0-4-8223/EZ<sup>2)</sup></b> 019864	1 Off	<b>T0-4-8223/I1</b> 207137	1 Off	<b>T0-4-8223/IVS<sup>1)</sup></b> 062578	1 Off	<b>T0-4-8223/Z<sup>2)</sup></b> 086315	1 Off
		<b>T3-4-8223/I2<sup>3)</sup></b> 207192	1 Off			<b>T3-4-8223/Z<sup>2)</sup></b> 061838	1 Off
		<b>T5B-4-8223/I4<sup>5)</sup></b> 207231	1 Off			<b>T5B-4-8223/Z<sup>4)</sup></b> 092105	1 Off
<b>T0-5-8369/EZ<sup>2)</sup></b> 024610	1 Off			<b>T0-5-8369/IVS<sup>1)</sup></b> 064951	1 Off		
		<b>T3-5-8369/I2<sup>3)</sup></b> 207536	1 Off			<b>T3-5-8369/Z<sup>2)</sup></b> 068957	1 Off
<b>T0-6-8370/EZ<sup>2)</sup></b> 029356	1 Off			<b>T0-6-8370/IVS<sup>1)</sup></b> 067324	1 Off	<b>T0-6-8370/Z<sup>2)</sup></b> 010380	1 Off
<b>T3-6-8370/EZ<sup>2)</sup></b> 004506	1 Off						
<b>T0-8-8372/EZ<sup>2)</sup></b> 034102	1 Off			<b>T0-8-8372/IVS<sup>1)</sup></b> 069697	1 Off	<b>T0-8-8372/Z<sup>2)</sup></b> 012753	1 Off
						<b>T3-8-8372/Z<sup>2)</sup></b> 083195	1 Off

3)  
Product Standards

UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

4)  
Product Standards

UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV7  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits  
IEC: IP65; UL/CSA Type 1

5)  
Product Standards


UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV7  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits  
IEC: IP65; UL/CSA Type: –

# Cam switches, switch-disconnectors

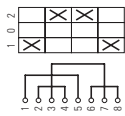







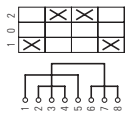







## Switch-disconnectors – reversing switches

### T, P

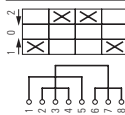







Contact sequence	Front plate no.	Main contacts Pole	Max. operating power AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting Front IP65	Part no. Article no.	Price See price list	Std. pack
		S	400 V P kW	I <sub>u</sub> A				

#### Reversing switch with 0 (Off) position

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function  
Without momentary

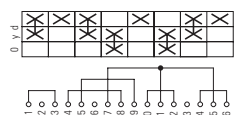







	 FS 684	2	6.5	20	<b>T0-2-8400/E<sup>1)</sup></b> 053079	1 Off	 
			13	32	<b>T3-2-8400/E<sup>1)</sup></b> 073695	1 Off	 
			22	63	<b>T5B-2-8400/E<sup>2)</sup></b> 092918	1 Off	 
	 FS 684	3	6.5	20	<b>T0-3-8401/E<sup>1)</sup></b> 091047	1 Off	 
			13	32	<b>T3-3-8401/E<sup>1)</sup></b> 030992	1 Off	 
			22	63	<b>T5B-3-8401/E<sup>2)</sup></b> 092296	1 Off	 

With momentary from both directions to 0

	 FS 4011	3	6.5	20	<b>T0-3-8228/E<sup>1)</sup></b> 015112	1 Off	 
			13	32	<b>T3-3-8228/E<sup>1)</sup></b> 002538	1 Off	 
			22	63	<b>T5B-3-8228/E<sup>2)</sup></b> 092374	1 Off	 

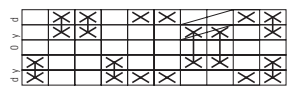





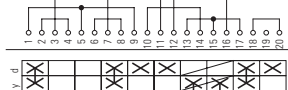



#### Star-delta switches

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function

	 FS 635	3	6.5	20	<b>T0-4-8410/E<sup>1)</sup></b> 024604	1 Off	 
			13	32	<b>T3-4-8410/E<sup>1)</sup></b> 009657	1 Off	 
			22	63	<b>T5B-4-8410/E<sup>1)</sup></b> 092052	1 Off	 

#### Reversing star-delta switches

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function

	 FS 638	3	6.5	20	<b>T0-5-15876/E<sup>1)</sup></b> 000893	1 Off	 
			13	32	<b>T3-5-15876/E<sup>1)</sup></b> 016776	1 Off	 
	 FS 4017	3	22	63	<b>T5B-5-15876/E<sup>2)</sup></b> 214785	1 Off	 

#### Information relevant for export to North America



	1)	2)
Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	Product Standards
UL File No.	E36332	UL File No.
UL CCN	NLRV	UL CCN
CSA File No.	12528	CSA File No.
CSA Class No.	3211-05	CSA Class No.
NA Certification	UL Listed, CSA certified	NA Certification
Suitable for	Branch circuits, suitable as motor disconnect	Suitable for
Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12	Degree of Protection

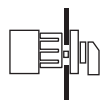


# Cam switches, switch-disconnectors

## Switch-disconnectors – reversing switches

Center mounting

Front IP65



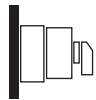
**Part no.**  
Article no.

**Price**  
See  
price list

Std. pack

Surface mounting

IP65



**Part no.**  
Article no.

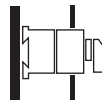
**Price**  
See  
price list

Std. pack

totally insulated

Distribution board  
mounting

Front IP30



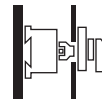
**Part no.**  
Article no.

**Price**  
See  
price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See  
price list

Std. pack

<b>T0-2-8400/EZ</b> <sup>(1)</sup> 055452	1 Off 	<b>T0-2-8400/I1</b> 207111	1 Off 	<b>T0-2-8400/IVS</b> <sup>(4)</sup> 060198	1 Off 	<b>T0-2-8400/Z</b> <sup>(1)</sup> 062571	1 Off 
<b>T3-2-8400/EZ</b> <sup>(1)</sup> 000687	1 Off 	<b>T3-2-8400/I2</b> <sup>(3)</sup> 207181	1 Off 			<b>T3-2-8400/Z</b> <sup>(1)</sup> 095060	1 Off 
	1 Off 	<b>T5B-2-8400/I4</b> <sup>(2)</sup> 207222	1 Off 				1 Off 
<b>T0-3-8401/EZ</b> <sup>(1)</sup> 093420	1 Off 	<b>T0-3-8401/I1</b> 207132	1 Off 	<b>T0-3-8401/IVS</b> <sup>(4)</sup> 098166	1 Off 	<b>T0-3-8401/Z</b> <sup>(1)</sup> 010366	1 Off 
<b>T3-3-8401/EZ</b> <sup>(1)</sup> 000694	1 Off 	<b>T3-3-8401/I2</b> <sup>(3)</sup> 207188	1 Off 			<b>T3-3-8401/Z</b> <sup>(1)</sup> 035739	1 Off 
	1 Off 	<b>T5B-3-8401/I4</b> <sup>(2)</sup> 207227	1 Off 			<b>T5B-3-8401/Z</b> <sup>(2)</sup> 092293	1 Off 
<b>T0-3-8228/EZ</b> <sup>(1)</sup> 048334	1 Off 	<b>T0-3-8228/I1</b> 207125	1 Off 	<b>T0-3-8228/IVS</b> <sup>(4)</sup> 062572	1 Off 	<b>T0-3-8228/Z</b> <sup>(1)</sup> 074437	1 Off 
<b>T3-3-8228/EZ</b> <sup>(1)</sup> 000695	1 Off 	<b>T3-3-8228/I2</b> <sup>(3)</sup> 207186	1 Off 			<b>T3-3-8228/Z</b> <sup>(1)</sup> 004911	1 Off 
		<b>T5B-3-8228/I4</b> <sup>(2)</sup> 207225	1 Off 				1 Off 
<b>T0-4-8410/EZ</b> <sup>(1)</sup> 053080	1 Off 	<b>T0-4-8410/I1</b> 207140	1 Off 	<b>T0-4-8410/IVS</b> <sup>(5)</sup> 064945	1 Off 	<b>T0-4-8410/Z</b> <sup>(1)</sup> 083929	1 Off 
<b>T3-4-8410/EZ</b> <sup>(1)</sup> 000721	1 Off 	<b>T3-4-8410/I2</b> <sup>(3)</sup> 207195	1 Off 			<b>T3-4-8410/Z</b> <sup>(1)</sup> 012030	1 Off 
		<b>T5B-4-8410/I4</b> <sup>(1)</sup> 207234	1 Off 			<b>T5B-4-8410/Z</b> <sup>(1)</sup> 092049	1 Off 
<b>T0-5-15876/EZ</b> <sup>(1)</sup> 000900	1 Off 			<b>T0-5-15876/IVS</b> <sup>(4)</sup> 000902	1 Off 	<b>T0-5-15876/Z</b> <sup>(1)</sup> 000942	1 Off 
<b>T3-5-15876/EZ</b> <sup>(1)</sup> 000797	1 Off 	<b>T3-5-15876/I2</b> <sup>(3)</sup> 207537	1 Off 			<b>T3-5-15876/Z</b> <sup>(1)</sup> 019149	1 Off 
						<b>T5B-5-15876/Z</b> <sup>(2)</sup> 214786	1 Off 

3)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
CSA-C22.2 No. 94;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP65; UL/CSA Type 3R, 12

4)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP30; UL/CSA Type: –

5)  
Product Standards  
UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
UL File No.  
UL CCN  
CSA File No.  
CSA Class No.  
NA Certification  
Suitable for  
Degree of Protection

UL 508; CSA-C22.2 No. 14-05;  
IEC/EN 60947-3; CE marking  
E36332  
NLRV  
12528  
3211-05  
UL Listed, CSA certified  
Branch circuits, suitable as  
motor disconnect  
IEC: IP65; UL/CSA Type: –

# Cam switches, switch-disconnectors

## Switch-disconnectors – multi-speed switches

T, P

Contact sequence	Front plate no.	Main contacts Pole	Max. motor rating: AC-23A 400/415 V 50/60 Hz	Rated uninterrupted current	Flush mounting Front IP65
		N/O	400 V P kW	$I_u$ A	
					<b>Part no.</b> Article no.
					<b>Price</b> See price list
					Std. pack

### Multi-speed switches

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function

Two-speed, non reversing, for 2 separate windings

		6	6.5	20	<b>T0-3-8451/E<sup>2)</sup></b> 038849	1 Off	
			13	32	<b>T3-3-8451/E<sup>2)</sup></b> 028641	1 Off	
			22	63	<b>T5B-3-8451/E<sup>4)</sup></b> 092288	1 Off	

2-speed, 2 directions, for one tapped winding

		3	6.5	20	<b>T0-4-8440/E<sup>2)</sup></b> 041222	1 Off	
			13	32	<b>T3-4-8440/E<sup>2)</sup></b> 035760	1 Off	
			22	63	<b>T5B-4-8440/E<sup>4)</sup></b> 092032	1 Off	
		3	6.5	20	<b>T0-4-8441/E<sup>2)</sup></b> 043595	1 Off	
			13	32	<b>T3-4-8441/E<sup>2)</sup></b> 042879	1 Off	
			22	63	<b>T5B-4-8441/E<sup>4)</sup></b> 092028	1 Off	

### Reversing multi-speed switches

With black thumb-grip and front plate  
Without emergency switching off/emergency stop function

2-speed, 2 directions, for one tapped winding

		–	6.5	20	<b>T0-6-15866/E<sup>2)</sup></b> 055460	1 Off	
		–	13	32	<b>T3-6-15866/E<sup>2)</sup></b> 054744	1 Off	
		–	22	63	<b>T5B-7-15866/E<sup>4)</sup></b> 214788	1 Off	

### Information relevant for export to North America



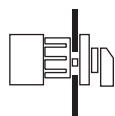
1) Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	2) Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking	3) Product Standards	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
UL File No.	E36332	UL File No.	E36332	UL File No.	E36332
UL CCN	NLRV	UL CCN	NLRV	UL CCN	NLRV
CSA File No.	12528	CSA File No.	12528	CSA File No.	12528
CSA Class No.	3211-05	CSA Class No.	3211-05	CSA Class No.	3211-05
NA Certification	UL Listed, CSA certified	NA Certification	UL Listed, CSA certified	NA Certification	UL Listed, CSA certified
Suitable for	Branch circuits, suitable as motor disconnect	Suitable for	Branch circuits, suitable as motor disconnect	Suitable for	Branch circuits, suitable as motor disconnect
Degree of Protection	IEC: IP30; UL/CSA Type: –	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

## Switch-disconnectors – multi-speed switches

Center mounting

Front IP65



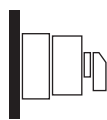
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Surface mounting

IP65



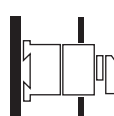
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Distribution board mounting

Front IP30



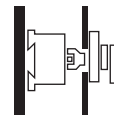
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting

Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

<b>T0-3-8451/EZ<sup>2)</sup></b> 083936	1 Off 	<b>T0-3-8451/I1</b> 207133	1 Off	<b>T0-3-8451/IVS<sup>1)</sup></b> 026985	1 Off 	<b>T0-3-8451/Z<sup>2)</sup></b> 043596	1 Off 
<b>T3-3-8451/EZ<sup>2)</sup></b> 000956	1 Off 	<b>T3-3-8451/I2<sup>3)</sup></b> 207189	1 Off 			<b>T3-3-8451/Z<sup>2)</sup></b> 031014	1 Off 
		<b>T5B-3-8451/I4<sup>4)</sup></b> 207228	1 Off 				
<b>T0-4-8440/EZ<sup>2)</sup></b> 088682	1 Off 	<b>T0-4-8440/I1</b> 207141	1 Off	<b>T0-4-8440/IVS<sup>1)</sup></b> 029358	1 Off 	<b>T0-4-8440/Z<sup>2)</sup></b> 048342	1 Off 
<b>T3-4-8440/EZ<sup>2)</sup></b> 000959	1 Off 	<b>T3-4-8440/I2<sup>3)</sup></b> 207196	1 Off 			<b>T3-4-8440/Z<sup>2)</sup></b> 038133	1 Off 
	1 Off 	<b>T5B-4-8440/I4<sup>4)</sup></b> 207235	1 Off 			<b>T5B-4-8440/Z<sup>4)</sup></b> 092029	1 Off 
<b>T0-4-8441/EZ<sup>2)</sup></b> 093428	1 Off 	<b>T0-4-8441/I1</b> 207142	1 Off	<b>T0-4-8441/IVS<sup>1)</sup></b> 031731	1 Off 	<b>T0-4-8441/Z<sup>2)</sup></b> 053088	1 Off 
	1 Off 	<b>T3-4-8441/I2<sup>3)</sup></b> 207197	1 Off 			<b>T3-4-8441/Z<sup>2)</sup></b> 045252	1 Off 
	1 Off 	<b>T5B-4-8441/I4<sup>4)</sup></b> 207236	1 Off 			<b>T5B-4-8441/Z<sup>4)</sup></b> 092025	1 Off 
<b>T0-6-15866/EZ<sup>2)</sup></b> 012747	1 Off 			<b>T0-6-15866/IVS<sup>1)</sup></b> 036477	1 Off 	<b>T0-6-15866/Z<sup>2)</sup></b> 067326	1 Off 
						<b>T3-6-15866/Z<sup>2)</sup></b> 057117	1 Off 

4)

Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking
UL File No.	E36332
UL CCN	NLRV7
CSA File No.	12528
CSA Class No.	3211-05
NA Certification	UL Listed, CSA certified
Suitable for	Branch circuits, suitable as motor disconnect
Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12

# Cam switches, switch-disconnectors

## Control switches – step switches

### T

Contact sequence	Front plate no.	Main contacts	Flush mounting <sup>1)</sup> Front IP65	Center mounting <sup>1)</sup> Front IP65
		Pole N/O		
			<b>Part no.</b> Article no.	<b>Price</b> See price list
			Std. pack	<b>Part no.</b> Article no.
				<b>Price</b> See price list
				Std. pack

### Step switches

With black thumb-grip and front plate  
One contact closed per step  
Without overlap

With 0 (Off) position

		1	<b>T0-1-8240/E</b> 034105	1 Off 	<b>T0-1-8240/EZ</b> 043597	1 Off 
		1	<b>T0-2-8241/E</b> 050716	1 Off 	<b>T0-2-8241/EZ</b> 053089	1 Off 
		1	<b>T0-2-8242/E</b> 067327	1 Off 	<b>T0-2-8242/EZ</b> 069700	1 Off 
		1	<b>T0-3-8243/E</b> 081565	1 Off 	<b>T0-3-8243/EZ</b> 083938	1 Off 
		1	<b>T0-3-8244/E</b> 095803	1 Off 	<b>T0-3-8244/EZ</b> 098176	1 Off 
		3	<b>T0-3-8280/E</b> 034106	1 Off 	<b>T0-3-8280/EZ</b> 036479	1 Off 
		3	<b>T0-5-8281/E</b> 048344	1 Off 	<b>T0-5-8281/EZ</b> 050717	1 Off 
		3	<b>T0-6-8282/E</b> 062582	1 Off 	<b>T0-6-8282/EZ</b> 064955	1 Off 

### Information relevant for export to North America



1)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type 3R, 12

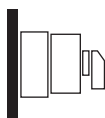
2)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP30; UL/CSA Type: –

# Cam switches, switch-disconnectors

Control switches – step switches

Surface mounting  
IP65

**totally insulated**

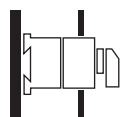


**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Distribution board mounting<sup>2)</sup>  
Front IP30

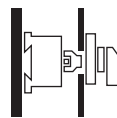


**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting<sup>2)</sup>  
Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

**T0-1-8240/11**  
207079

1 Off

**T0-1-8240/IVS**  
027076

1 Off  
 

**T0-1-8240/Z**  
060208

1 Off  
 

**T0-2-8241/11**  
207107

1 Off

**T0-2-8241/IVS**  
057835

1 Off  
 

**T0-2-8241/Z**  
062581

1 Off  
 

**T0-2-8242/11**  
207108

1 Off

**T0-2-8242/IVS**  
074446

1 Off  
 

**T0-2-8242/Z**  
076819

1 Off  
 

**T0-3-8243/11**  
207128

1 Off

**T0-3-8243/IVS**  
088684

1 Off  
 

**T0-3-8243/Z**  
091057

1 Off  
 

**T0-3-8244/11**  
207129

1 Off

**T0-3-8244/IVS**  
012749

1 Off  
 

**T0-3-8244/Z**  
015122

1 Off  
 

**T0-3-8280/11**  
207130

1 Off

**T0-3-8280/IVS**  
041225

1 Off  
 

**T0-3-8280/Z**  
043598

1 Off  
 

**T0-5-8281/IVS**  
055463

1 Off  
 

**T0-5-8281/Z**  
057836

1 Off  
 

**T0-6-8282/IVS**  
069701

1 Off  
 

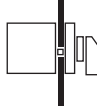
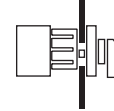
**T0-6-8282/Z**  
072074

1 Off  
 

# Cam switches, switch-disconnectors

Control switches – step switches, On-Off switches









































## T, P

Contact sequence	Front plate no.	Main contacts	Flush mounting <sup>1)</sup> Front IP65	Center mounting <sup>1)</sup> Front IP65
		Pole N/O		
			<b>Part no.</b> Article no.	<b>Part no.</b> Article no.
			<b>Price</b> See price list	<b>Price</b> See price list
			Std. pack	Std. pack

### Step switches

With black thumb-grip and front plate  
One contact closed per step  
Without overlap

without 0 (Off) position

		1	<b>T0-1-8220/E</b> 031728	1 Off 	<b>T0-1-8220/EZ</b> 095799	1 Off 
	FS 943					
		1	<b>T0-2-8230/E</b> 088685	1 Off 	<b>T0-2-8230/EZ</b> 091058	1 Off 
	FS 404					
		1	<b>T0-2-8231/E</b> 012750	1 Off 	<b>T0-2-8231/EZ</b> 015123	1 Off 
	FS 606					
		1	<b>T0-3-8232/E</b> 026988	1 Off 	<b>T0-3-8232/EZ</b> 029361	1 Off 
	FS 408					
		1	<b>T0-3-8233/E</b> 041226	1 Off 	<b>T0-3-8233/EZ</b> 043599	1 Off 
	FS 410					
		1	<b>T0-3-8233/E</b> 041226	1 Off 	<b>T0-3-8233/EZ</b> 043599	1 Off 
	FS 410					
		2	<b>T0-4-8251/E</b> 013971	1 Off 	<b>T0-4-8251/EZ</b> 013972	1 Off 
	FS 406					
		3	<b>T0-3-8222/E</b> 048339	1 Off 	<b>T0-3-8222/EZ</b> 015118	1 Off 
	FS 943					
		3	<b>T0-5-8270/E</b> 091059	1 Off 	<b>T0-5-8270/EZ</b> 093432	1 Off 
	FS 404					
		3	<b>T0-6-8271/E</b> 015124	1 Off 	<b>T0-6-8271/EZ</b> 017497	1 Off 
	FS 406					

### Information relevant for export to North America



1)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP65; UL/CSA Type 3R, 12

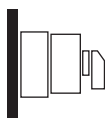
2)  
Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
UL File No. E36332  
UL CCN NLRV  
CSA File No. 12528  
CSA Class No. 3211-05  
NA Certification UL Listed, CSA certified  
Suitable for Branch circuits  
Degree of Protection IEC: IP30; UL/CSA Type: –

# Cam switches, switch-disconnectors

Control switches – step switches, On-Off switches

Surface mounting  
IP65

**totally insulated**

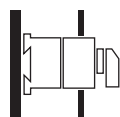


**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Distribution board mounting<sup>2)</sup>  
Front IP30

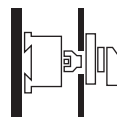


**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting<sup>1)</sup>  
Front IP65



**Part no.**  
Article no.

**Price**  
See price list

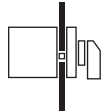
Std. pack

<b>T0-1-8220/11</b> 207078	1 Off	<b>T0-1-8220/IVS</b> 055459	1 Off  	<b>T0-1-8220/Z</b> 086312	1 Off  
<b>T0-2-8230/11</b> 207105	1 Off	<b>T0-2-8230/IVS</b> 095804	1 Off  	<b>T0-2-8230/Z</b> 098177	1 Off  
<b>T0-2-8231/11</b> 207106	1 Off	<b>T0-2-8231/IVS</b> 019869	1 Off  	<b>T0-2-8231/Z</b> 022242	1 Off  
<b>T0-3-8232/11</b> 207126	1 Off	<b>T0-3-8232/IVS</b> 034107	1 Off  	<b>T0-3-8232/Z</b> 036480	1 Off  
<b>T0-3-8233/11</b> 207127	1 Off	<b>T0-3-8233/IVS</b> 048345	1 Off  	<b>T0-3-8233/Z</b> 050718	1 Off  
<b>T0-4-8251/11</b> 218984	1 Off	<b>T0-4-8251/IVS</b> 013974	1 Off  	<b>T0-4-8251/Z</b> 013976	1 Off  
<b>T0-3-8222/11</b> 207124	1 Off	<b>T0-3-8222/IVS</b> 060205	1 Off  		
		<b>T0-5-8270/IVS</b> 098178	1 Off  	<b>T0-5-8270/Z</b> 010378	1 Off  
		<b>T0-6-8271/IVS</b> 022243	1 Off  	<b>T0-6-8271/Z</b> 024616	1 Off  

# Cam switches, switch-disconnectors



















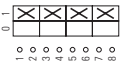





Control switches – step switches, On-Off switches

## T

Contact sequence	Front plate no.	Main contacts	Flush mounting <sup>1)</sup>			Center mounting <sup>2)</sup>			
			Front IP65			Front IP65			
				<b>Part no.</b> Article no.	<b>Price</b> See price list	Std. pack	<b>Part no.</b> Article no.	<b>Price</b> See price list	Std. pack

### On-Off switches

With black thumb-grip and front plate

	 FS 415	1	<b>T0-1-15401/E</b> 038854	1 Off  	<b>T0-1-15401/EZ</b> 041227	1 Off  
	 FS 415	2	<b>T0-1-15402/E</b> 053092	1 Off  	<b>T0-1-15402/EZ</b> 055465	1 Off  
	 FS 415	3	<b>T0-2-15403/E</b> 067330	1 Off  	<b>T0-2-15403/EZ</b> 069703	1 Off  
	 FS 415	4	<b>T0-2-15404/E</b> 081568	1 Off  	<b>T0-2-15404/EZ</b> 083941	1 Off  

### Information relevant for export to North America



1)  
 Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
 UL File No. E36332  
 UL CCN NLRV  
 CSA File No. 12528  
 CSA Class No. 3211-05  
 NA Certification UL Listed, CSA certified  
 Suitable for Branch circuits, suitable as motor disconnect  
 Degree of Protection IEC: IP65; UL/CSA Type 3R, 12

2)  
 Product Standards UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking  
 UL File No. E36332  
 UL CCN NLRV  
 CSA File No. 12528  
 CSA Class No. 3211-05  
 NA Certification UL Listed, CSA certified  
 Suitable for Branch circuits, suitable as motor disconnect  
 Degree of Protection IEC: IP65; UL/CSA Type: –



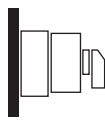
# Cam switches, switch-disconnectors

Control switches – step switches, On-Off switches

Surface mounting

IP65

totally insulated



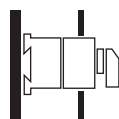
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Distribution board mounting<sup>3)</sup>

Front IP30



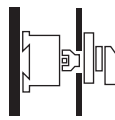
**Part no.**  
Article no.

**Price**  
See price list

Std. pack

Rear mounting







Front IP65



**Part no.**  
Article no.

**Price**  
See price list

Std. pack

<b>T0-1-15401/11</b> 207067	1 Off	<b>T0-1-15401/IVS</b> 045973	1 Off  
<b>T0-1-15402/11</b> 207068	1 Off	<b>T0-1-15402/IVS</b> 060211	1 Off  
		<b>T0-2-15403/IVS</b> 074449	1 Off  

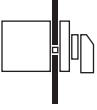
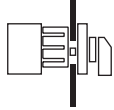
3)

Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking
UL File No.	E36332
UL CCN	NLRV
CSA File No.	12528
CSA Class No.	3211-05
NA Certification	UL Listed, CSA certified
Suitable for	Branch circuits, suitable as motor disconnect
Degree of Protection	IEC: IP30; UL/CSA Type: –

# Cam switches, switch-disconnectors







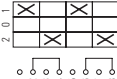




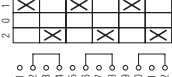




Control switches – changeover switches, manual/automatic switches

## T

Contact sequence	Front plate no.	Main contacts	Flush mounting <sup>1)</sup> Front IP65	Center mounting <sup>1)</sup> Front IP65				
								
		Pole N/O	<b>Part no.</b> Article no.	<b>Price</b> See price list	Std. pack	<b>Part no.</b> Article no.	<b>Price</b> See price list	Std. pack







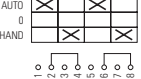




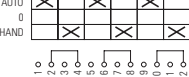




### Changeover switches

With black thumb-grip and front plate







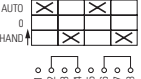




		1	<b>T0-1-15421/E</b> 095806	1 Off  	<b>T0-1-15421/EZ</b> 098179	1 Off  
		2	<b>T0-2-15422/E</b> 019871	1 Off  	<b>T0-2-15422/EZ</b> 022244	1 Off  
		3	<b>T0-3-15423/E</b> 034109	1 Off  	<b>T0-3-15423/EZ</b> 036482	1 Off  

### Manual/Auto switches

With 0 (Off) position

		1	<b>T0-1-15431/E</b> 019872	1 Off  	<b>T0-1-15431/EZ</b> 022245	1 Off  
		2	<b>T0-2-15432/E</b> 034110	1 Off  	<b>T0-2-15432/EZ</b> 036483	1 Off  
		3	<b>T0-3-15433/E</b> 048348	1 Off  	<b>T0-3-15433/EZ</b> 050721	1 Off  







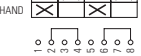




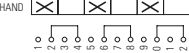




With momentary from HAND

		1	<b>T0-1-15434/E</b> 062586	1 Off  	<b>T0-1-15434/EZ</b> 018053	1 Off  
		2	<b>T0-2-15435/E</b> 003191	1 Off  	<b>T0-2-15435/EZ</b> 003192	1 Off  

With momentary from START

		2	<b>T0-2-15907/E</b> 066931	1 Off  	<b>T0-2-15907/EZ</b> 069304	1 Off  
--	---	---	-------------------------------	---	--------------------------------	--

Without 0 (Off) position

		1	<b>T0-1-15451/E</b> 076824	1 Off  	<b>T0-1-15451/EZ</b> 079197	1 Off  
		2	<b>T0-2-15452/E</b> 091062	1 Off  	<b>T0-2-15452/EZ</b> 093435	1 Off  
		3	<b>T0-3-15453/E</b> 015127	1 Off  	<b>T0-3-15453/EZ</b> 017500	1 Off  

### Information relevant for export to North America



1)	Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-3; CE marking
	UL File No.	E36332
	UL CCN	NLRV
	CSA File No.	12528
	CSA Class No.	3211-05
	NA Certification	UL Listed, CSA certified
	Suitable for	Branch circuits
	Degree of Protection	IEC: IP65; UL/CSA Type 3R, 12