

# Rotary Cam Switches



Front mounting Four hole mounting 48 × 48 mm

## Front mounting switches with four hole mounting 48 × 48 mm

- 50 A / 63 A
- 1 up to 24 contacts
- IP55 (front)



- ON-OFF Switch
- Multi-step Switch
- Changeover Switch
- Motor Switch

**Setup of order code number: Type - Switching programme - Mounting form**

Ordering example:

3 pole ON-OFF Switch 90°, 50 A, M-handle silver/black →

Type	Switching programme	Mtg. form
S432	61199	003M1
<b>Order code no.</b>	<b>S432-61199-003M1</b>	

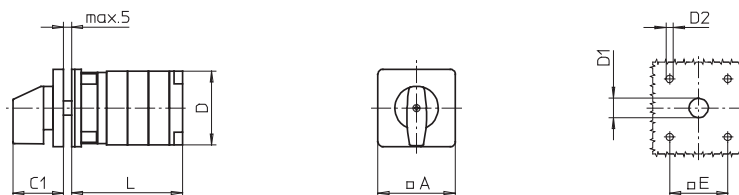
Type	Rated data (IEC 60947)			Terminal accessibility
	Operational current I <sub>o</sub> AC-21A (A)	Operational power (at 380–440 V) AC-23A (kW)    AC-3A (kW)		
<b>S432</b>	50	22	22	Terminals accessible laterally
<b>S440</b>	63	30	30	

Switching programme	Stages	Contacts	Description
<b>61191</b>	1	1	ON-OFF Switch 90°, 1 pole
<b>61192</b>	1	2	ON-OFF Switch 90°, 2 pole
<b>61199</b>	2	3	ON-OFF Switch 90°, 3 pole
<b>61194</b>	2	4	ON-OFF Switch 90°, 4 pole, 1 pole early make/late break
<b>61001</b>	1	1	ON-OFF Switch 60°, 1 pole
<b>61002</b>	1	2	ON-OFF Switch 60°, 2 pole
<b>61003</b>	2	3	ON-OFF Switch 60°, 3 pole
<b>61025</b>	1	2	Changeover Switch with centre OFF 60°, 1 pole
<b>61027</b>	3	6	Changeover Switch with centre OFF 60°, 3 pole
<b>61037</b>	1	2	Changeover Switch without OFF 60°, 1 pole
<b>61050</b>	2	4	Multi-step Switch without OFF, 4 steps, 1 pole
<b>61211</b>	3	5	Motor Reversing Switch, 3 pole

Switching diagrams and further switching programmes from page 56.

Mounting form	Operator
<b>003M1</b>	M-handle silver/black

Dimensions in mm:



Type	A	C1	D	D1	D2	E	L with ... stages (max. 12)							each additional
							1	2	3	4	5	6	7	
<b>S432</b>	64	39	65	12	5	48	51	69	87	105	123	141	159	18
<b>S440</b>	64	39	70	12	5	48	56	77	98	119	140	161	182	21

# Rotary Cam Switches

**Base mounting** Four hole mounting 68 × 68 mm

## Base mounting switches with four hole mounting 68 × 68 mm

- 50 A / 63 A
- 1 up to 24 contacts
- IP55 (front)
- Four hole front mounting 48 × 48 mm

- ON-OFF Switch
- Changeover Switch
- Multi-step Switch
- Motor Switch



<b>Setup of order code number: Type - Switching programme - Mounting form</b> Ordering example: 3 pole Changeover Switch with centre OFF 60°, 50 A, M-handle silver/black →	Type	Switching programme	Mtg. form
	S432	61027	002M1
	<b>Order code no. S432-61027-002M1</b>		

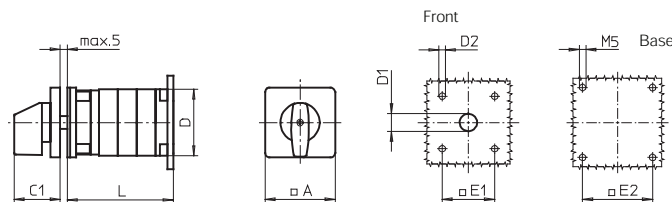
Type	Rated data (IEC 60947)			Terminal accessibility
	Operational current I <sub>e</sub> AC-21A (A)	Operational power (at 380–440 V) AC-23A (kW)    AC-3A (kW)		
S432	50	22	22	Terminals accessible laterally
S440	63	30	30	

Switching programme	Stages	Contacts	Description
61191	1	1	ON-OFF Switch 90°, 1 pole
61192	1	2	ON-OFF Switch 90°, 2 pole
61001	1	1	ON-OFF Switch 60°, 1 pole
61002	1	2	ON-OFF Switch 60°, 2 pole
61003	2	3	ON-OFF Switch 60°, 3 pole
61025	1	2	Changeover Switch with centre OFF 60°, 1 pole
61026	2	4	Changeover Switch with centre OFF 60°, 2 pole
61027	3	6	Changeover Switch with centre OFF 60°, 3 pole
61037	1	2	Changeover Switch without OFF 60°, 1 pole
61038	2	4	Changeover Switch without OFF 60°, 2 pole
61050	2	4	Multi-step Switch without OFF, 4 steps, 1 pole
61211	3	5	Motor Reversing Switch, 3 pole

Switching diagrams and further switching programmes from page 56.

Mounting form	Operator
002M1	M-handle silver/black

Dimensions in mm:



Type	A	C1	D	D1	D2	E1	E2	L with ... stages (max. 12)						each additional
								1	2	3	4	5	6	
S432	64	39	65	12	5	48	68	56	74	92	110	128	146	18
S440	64	39	70	12	5	48	68	61	82	103	124	145	166	21

# Rotary Cam Switches

**Base mounting** Four hole mounting 68 × 68 mm / Door clutch

**Base mounting switches** with four hole mounting 68 × 68 mm / Door clutch

- 50 A / 63 A
- IP55 (front)
- Four hole front mounting 48 × 48 mm
- 1 up to 24 contacts

- ON-OFF Switch
- Multi-step Switch
- Changeover Switch
- Motor Switch



<b>Setup of order code number: Type - Switching programme - Mounting form</b> Ordering example: 3 pole ON-OFF Switch 60°, 50 A, M-handle silver/black →	Type	Switching programme	Mtg. form
	S432	61006	041M1
	<b>Order code no. S432-61006-041M1</b>		

Type	Rated data (IEC 60947)			Terminal accessibility
	Operational current I <sub>e</sub> AC-21A (A)	Operational power (at 380–440 V)		
		AC-23A (kW)	AC-3A (kW)	
S432	50	22	22	Terminals accessible laterally
S440	63	30	30	

Switching programme	Stages	Contacts	Description
61191	1	1	ON-OFF Switch 90°, 1 pole
61192	1	2	ON-OFF Switch 90°, 2 pole
61001	1	1	ON-OFF Switch 60°, 1 pole
61002	1	2	ON-OFF Switch 60°, 2 pole
61003	2	3	ON-OFF Switch 60°, 3 pole
61006	3	6	ON-OFF Switch 60°, 6 pole
61025	1	2	Changeover Switch with centre OFF 60°, 1 pole
61026	2	4	Changeover Switch with centre OFF 60°, 2 pole
61027	3	6	Changeover Switch with centre OFF 60°, 3 pole
61037	1	2	Changeover Switch without OFF 60°, 1 pole
61038	2	4	Changeover Switch without OFF 60°, 2 pole
61050	2	4	Multi-step Switch without OFF, 4 steps, 1 pole
61211	3	5	Motor Reversing Switch, 3 pole

Switching diagrams and further switching programmes from page 56.

Mounting form	Operator
041M1	M-handle silver/black

**Dimensions in mm:**

Type	A	C <sub>min</sub>	C <sub>max</sub>	C1	D	D1	D2	E1	E2	L with ... stages (max. 12)				each additional
										1	2	3	4	
S432	64	42	56	39	65	12	5	48	68	51	69	87	105	18
S440	64	42	56	39	70	12	5	48	68	56	77	98	119	21

# Rotary Cam Switches

**Base mounting** Four hole mounting 68 × 68 mm / Door interlock

**Base mounting switches** with four hole mounting 68 × 68 mm / Door interlock

- 50 A / 63 A
- IP55 (front)
- Four hole front mounting 48 × 48 mm
- 1 up to 24 contacts



- ON-OFF Switch
- Multi-step Switch
- Changeover Switch
- Motor Switch

**Setup of order code number: Type - Switching programme - Mounting form**

Ordering example:

3 pole ON-OFF Switch 90°, 50 A, M-handle silver/black →

Type	Switching programme	Mtg. form
S432	61199	042M1
<b>Order code no.</b>	<b>S432-61199-042M1</b>	

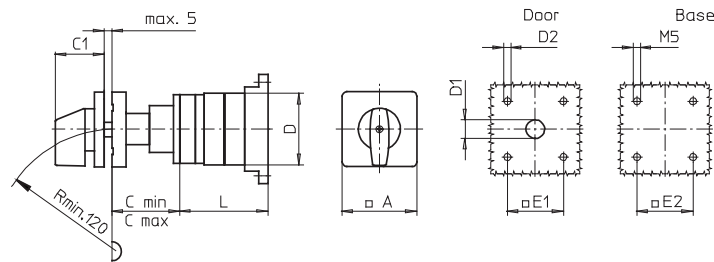
Type	Rated data (IEC 60947)			Terminal accessibility
	Operational current $I_e$ AC-21A (A)	Operational power (at 380–440 V)		
		AC-23A (kW)	AC-3A (kW)	
<b>S432</b>	50	22	22	Terminals accessible laterally
<b>S440</b>	63	30	30	

Switching programme	Stages	Contacts	Description
<b>61191</b>	1	1	ON-OFF Switch 90°, 1 pole
<b>61192</b>	1	2	ON-OFF Switch 90°, 2 pole
<b>61199</b>	2	3	ON-OFF Switch 90°, 3 pole
<b>61001</b>	1	1	ON-OFF Switch 60°, 1 pole
<b>61002</b>	1	2	ON-OFF Switch 60°, 2 pole
<b>61003</b>	2	3	ON-OFF Switch 60°, 3 pole
<b>61025</b>	1	2	Changeover Switch with centre OFF 60°, 1 pole
<b>61026</b>	2	4	Changeover Switch with centre OFF 60°, 2 pole
<b>61027</b>	3	6	Changeover Switch with centre OFF 60°, 3 pole
<b>61037</b>	1	2	Changeover Switch without OFF 60°, 1 pole
<b>61038</b>	2	4	Changeover Switch without OFF 60°, 2 pole
<b>61050</b>	2	4	Multi-step Switch without OFF, 4 steps, 1 pole
<b>61211</b>	3	5	Motor Reversing Switch, 3 pole

Switching diagrams and further switching programmes from page 56.

Mounting form	Operator
<b>042M1</b>	M-handle silver/black

Dimensions in mm:



Type	A	C <sub>min</sub>	C <sub>max</sub>	C1	D	D1	D2	E1	E2	L with ... stages (max. 12)				each additional
										1	2	3	4	
<b>S432</b>	64	42	56	39	65	15	5	48	68	51	69	87	105	18
<b>S440</b>	64	42	56	39	70	15	5	48	68	56	77	98	119	21