

Low Voltage Products

Fusegear
Switch fuses OS



ABB



Switch fuses 16...800

DIN AC23/400V



OS16D OS35D
7.5 kW 15 kW

OS40D
15 kW

OS32D OS63D
18.5 kW 15 kW

OS125D OS160D
30 kW 55 kW

OS200D
75 kW

OS250D
110 kW

BS AC23/415V



OS20B OS32B
7.5 kW 15 kW

OS32B OS63B
15 kW 30 kW

OS100B
55 kW

OS125B OS160B
55 kW 75 kW

OS200B
110 kW

OS250B
145 kW

NFC AC23/400V



OS25F OS32F
11 kW 15 kW

OS50F OS63F
22 kW 30 kW

OS100F OS125F
55 kW 55 kW

UL/CSA 480V 600V



OS30A
15 HP
20 HP

OS30C OS60J
OS60C
15 HP 30 HP
20 HP 50 HP

OS100J
OS100C
60 HP
75 HP

OS200J
150 HP
200 HP

OS400J
250 HP
350 HP

OES600J OES
400 HP 500
500 HP 600

Amperes



OS400D
140 kW

OS630D
355 kW

OS800D
450 kW



OS315B 180 kW OS400B 230 kW

OS630B 355 kW OS800B 450 kW



Accessories

- Optional handles
- Extended shafts
- Auxiliary contacts
- Fourth poles
- N & PE terminals
- Solid links
- Terminal shrouds
- Connecting accessories
- Fuse covers
- Conversion kits
- Blown fuse indicators



Switch fuses

OS 20...800
OES 600...800

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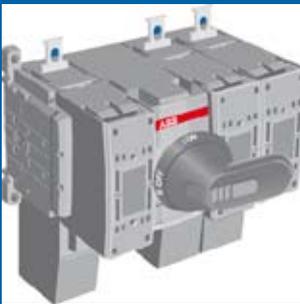
Complete range of switch fuses

From 20 to 800 A, 690 V

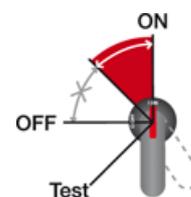
Features within the range of ABB switch fuses include single pole to four pole versions.

- The switch fuse mechanism located in any position together with the direction of the terminals, increasing the ease of installation and adaptability to different types of cubicle designs.
- A wide selection of accessories improve the usability of the switch fuses; 6 and 8- pole, changeover, by-pass and mechanically interlocked switch combinations can be built up by means of conversion kits.

The switch fuses are available for all types of fuse links, DIN, BS, NFC, UL, CSA.



Designed for safety

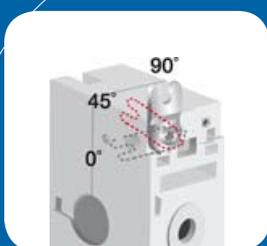


The OS and OESA switch fuse ensures safe operation, protecting both people and equipment.

Designed and based on substantial experience of electrical safety, the switch fuse eliminates the risk of electrical accidents:

- The fuse covers cannot be opened while the switch fuse is in the ON-position and can be sealed in the closed position.
- The double insulated external operating handle eliminates the risk of touching live parts outside the box.
- The handle indicates the position of the contacts with complete reliability in all situations.

Easy, flexible installation



The OS 200...400 switch fuse is easy to use and a snap to install according to your choice: the adjustable mounting feet allow both top and side mounting of the switch fuse.

The OS switch fuse offers you flexible cabling options. The high terminal positioning with space to the back plate simplifies the mounting of cables. It's also ideal for double cabling, which in turn saves on space.



Switch fuses OS 16-160

Technical data

Technical data according to IEC 60947-3

		Switch size	A	OS Mini 16	OS Mini 20	OS Mini 25
Rated insulation voltage	Pollution degree 3		V	1 000	1 000	1 000
Dielectric strength		50 Hz 1min.	kV	10	10	10
Rated impulse withstand voltage			kV	12	12	12
Rated thermal current in ambient 40 °C / max. fuse power dissipation ¹⁾	In open air In enclosure ²⁾ In enclosure with solid links		A/W	16/3.5	20/3.5	25/3.5
...with minimum cable cross section		Cu	A	32	32	32
Rated operational voltage AC-20 and DC-20			mm ²	2.5	2.5	4
Rated operational current, AC-21A			V	1 000	1 000	1 000
Rated operational current, AC-22A		up to 500 V	A	16	20	25
Rated operational current, AC-23A		690 V	A	16	20	25
Rated operational current / poles in series DC-21A		up to 500 V	A	16	20	25
Rated operational current / poles in series DC-22A		690 V	A	16	20	25
Rated operational current / poles in series DC-23A		up to 500 V	A	16	20	25
Rated breaking capacity in category AC-23		690 V	A	16	20	25
Rated breaking capacity / poles in series in category DC-23		48 V	A	16/2	20/2	25/2
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current \hat{i}_c		110-220 V	A	16/2	20/2	25/2
The cut-off current \hat{i}_c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269).		440 V	A	16/4	20/4	25/4
Rated short-time withstand current, 1 s.		48 V	A	16/2	20/2	25/2
Rated capacitor power		110-220 V	A	16/2	20/2	25/2
Power loss / pole		440 V	A	16/4	20/4	25/4
Mechanical endurance		230 V	kW	4	5.5	5.5
Fuse types, IEC 60269-2-1		400 V	kW	7.5	7.5	11
Weight without accessories		415 V	kW	7.5	7.5	11
Built-in terminal size		500 V	kW	7.5	11	15
Terminal bolt size (included)		690 V	kW	11	15	22
Terminal tightening torque		up to 500 V	A	256	256	256
Fuse-links bolts tightening torque		690 V	A	256	256	256
Operating torque		up to 220 V	A	128/2	128/2	128/2
		440 V	A	128/4	128/4	128/4
		80 kA, 415 V	kA	9	9	9
		Fuse size	A			
		100 kA, 500 V	kA	8	8	8
		Fuse size	A			
		50 kA, 690 V	kA	7	7	7
		Fuse size	A			
		80 kA, 690 V	kA	7.5	7.5	7.5
		Fuse size	A			
		r.m.s. -value	kA	1	1	1
		400 V	kVAr	5	10	12.5
		415 V	kVAr	5	10	12
		690 V	kVAr	8	15	20
		With rated current, without fuse	W	0.8	1.3	1.3
		Divide by two for operation cycles	Oper.	20 000	20 000	20 000
		DIN 43620, Neozed DIN49522		D 01		
		NFC 63210, 63211				10x38
		BS 88-2, -6 -size / distance of fuse-link bolts	mm		A1	
			mm		M4/44.5	
		3-pole switch fuses	kg	0.7	0.7	0.7
		4-pole switch fuses	kg	0.9	0.9	0.9
			mm ²	0.75...10	0.75...10	0.75...10
		Metric thread diameter x length	mm			
		Counter torque required	Nm	2	2	2
			Nm		2	
		Typical for 3-pole switch fuses	Nm	3	3	3

* = Utilization category B

¹⁾ Ambient temperature 60 °C: derating 20%.

²⁾ Mounting on "ceiling": derating 10%. Mounting on wall, horizontal fuses: derating 8%.

³⁾ Max. fuse body diam. 32 mm.

⁴⁾ Some fuse links limit these figures further. Starting current characteristics must be considered separately



Switch fuses OS 16-160

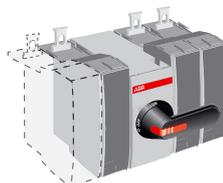
Technical data

OS Mini 32	OS Mini 35	OS Mini 40	OS 32	OS 50	OS 63	OS 100	OS 125	OS 160
1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12
32/3.5 32/3.5 32 6	35/4 35/4 35 10	40/4.5 40/4.5 40 10	32/7.5 32/7.5 40 6	50/7.5 50/7.5 60 10	63/7.5 63/7.5 85 16	100/12 100/12 150 50	125/12 125/12 150 50	160/12 160/10, 135/12 175 70
1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000
32 32 32 32 32 32	35 35 35 35 35 35	40 40 40 40 40 40	32 32 32 32 32 32	50 50 50 50 50 50	63 63 63 63 63 63*	100 100 100 100 100 100*	125 125 125 125 125 125*	160 160 160 160 160 160*
32/2 32/2 32/4	32/2 32/2 32/4	32/2 32/2 32/4	32/2* 32/3* 32/4*	50/2* 50/3* 50/4*	63/2* 63/3* 63/4*	100/2 100/2 100/3	125/2 125/2 125/3	160/2 160/2 160/3
32/2 32/2 32/4	32/2 32/2 32/4	32/2 32/2 32/4	32/2* 32/3* 32/4*	50/2* 50/3* 50/4*	63/2* 63/3* 63/4*	100/2 100/2 100/3	125/2 125/2 125/3	160/2 160/2 160/3
32/2 32/2 32/4	32/2 32/2 32/4	32/2 32/2 32/4	32/2* 32/3* 32/4*	50/2* 50/3* 50/4*	63/2* 63/3* 63/4*	100/2 100/2 100/4	125/2 125/2 125/4	160/2 160/2 125/4
7.5 15 15 18.5 22	7.5 15 15 22 30	11 18.5 18.5 22 30	7.5 15 15 18.5 22	11 22 22 30 37	18.5 30 30 37 55	30 55 55 75 90	37 55 55 75 110	45 75 75 90 132
256 256	280 280	320 320	504 504	504 504	504 504	1280 1280	1280 1280	1280 1280
128/2 128/4	128/2 128/4	128/2 128/4	252/3 252/4	252/3 252/4	252/3 252/4	400/2 400/4	640/2 500/4	640/2 500/4
9	9	9	17 100/100	17	17 100/100	23 125/160	29 125/160	29 125/160
8	8	8	17 100/100	17	17 100/100	22 125/160	22 125/160	22 125/160
7	7	7	13 100/80	13	13 100/80	16 100/125	16 100/125	16 100/125
7.5	7.5	7.5	12 63/63	12	12 63/63	18.5 100/125	18.5 100/125	18.5 100/125
1	1	1	2.5	2.5	2.5	5	5	5
15 15 25	15 15 25	15 15 25	15 16 26	20 25 42	25 32 50	40 42 75	50 55 90	60 65 100
2	2.4	3.5	1	2.5	4	4	5	9
20 000	20 000	20 000	20 000	20 000	20 000	20 000	20 000	20 000
14x51 A1, A2, F1 M4/44.5 (A1) M4/73 (A2)	D 02	000	000. 00 A2-A3 M5/73	14x51	000. 00 22x58 A2-A3 M5/73	22x58 A2-A3 M5/73	000. 00 22x58 A2-A4 ³⁾ M5/73, M8/94	000. 00 A2-A4 ³⁾ M5/73, M8/94
0.7 0.9 0.75...10	0.7 0.9 0.75...10	0.8 1.0 0.75...10	1.3 1.6 2.5...25	1.3 1.6 2.5...25	1.3 1.6 2.5...25	1.5 1.8	1.5 1.8	1.5 1.8
2 2 3	2 3	2 3	3.5 3.5 4	3.5 4	3.5 4	M6x20 W:M8x25 M6:6-9 M8:15-22 M5:3.5 M6:4	M6x20 W:M8x25 M6:6-9 M8:15-22 M5:3.5 M8:5	M6x20 W:M8x25 M6:6-9 M8:15-22 M5:3.5 M8:5

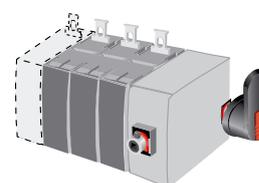
Placing options of the operating mechanism



At the end of the switch fuse
OS_03 or 04



Between the poles
OS_12 or 22



Side operated types
OS_30 or 40
OS_03 or 04



Switch fuses OS 200-800

Technical data

Technical data according to IEC 60947-3

			A	OS 200_
			Switch size	
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3		V	1000
Dielectric strength		50 Hz 1 min.	kV	10
Rated impulse withstand voltage			kV	12
Rated thermal current in ambient 40 °C / max. fuse power dissipation ...with minimum cable cross section	In open air In enclosure	Cu	A/W A/W mm ²	200/17 200/15 95
Derating, mounting on wall horizontal fuses	In open air or ventilated enclosure Totally enclosed		% %	0 5
Derating at 60 °C	In open air / in enclosure		%	20/20
Rated operational current AC-21A		≤ 500 V 690 V	A A	200 200
Rated operational current AC-22A		≤ 500 V 690 V	A A	200 200
Rated operational current AC-23A		≤ 500 V 690 V	A A	200 200
Rated operational current / poles in series DC-21A, DC-22A and DC-23A		≤ 220 V 440 V 660 V 750 V 880 V	A A A A A	200/1 200/2 200/3 180/4 180/4
Rated operational power AC-23 ¹⁾		230 V 400 V 415 V 500 V 690 V	kW kW kW kW kW	60 110 110 132 200
Rated breaking capacity AC-23		≤ 500 V 690 V	A A	1600 1600
Rated conditional short-circuit current I_p (r.m.s.) and corresponding max. allowed cut-off current \hat{i}_c	I_p (r.m.s.) Max. OFA fuse size gG/aM	80 kA, 415 V	kA A	35 250/200
	I_p (r.m.s.) Max. OFA fuse size gG/aM	100 kA, 500 V	kA A	37.5 250/200
	I_p (r.m.s.) Max. OFA fuse size gG/aM	80 kA, 690 V	kA A	25 160/
	I_p (r.m.s.) Max. BS fuse size gG/gM	50 kA, 415 V	kA A	28 200/200M315
The cut-off current \hat{i}_c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269)	I_p (r.m.s.) Max. BS fuse size gG/gM	80 kA, 690 V	kA A	28 200/200M250
	I_p (r.m.s.) Max. BS fuse size gG/gM			
Rated short-time withstand current, 1s.	r.m.s. -value		kA	8
Power loss / pole	With rated current, without fuse		W	8
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000
Fuse types, IEC 60269-2	Sec. I, DIN 43620 Sec. IA, NFC 0-3 Ref.A, 4a Ref.B Sec. II, BS 88 Size / distance of fuse-link bolts		mm	0 B1-B2 M6/111
Weight without accessories	3-pole switch fuses		kg	2.6
Terminal bolt size (included)	Metric thread diameter x length		mm	M8x25
Terminal tightening torque	Counter torque required		Nm	15-22
Fuse-links bolts tightening torque M12:40			Nm	4
Operating torque	Typical for 3-pole switch fuses		Nm	7

¹⁾ These values are given for guidance and may vary acc. to the motor manufacturer.

²⁾ Max fuse body dia 52 mm.

³⁾ Max fuse body dia 62 mm.

⁴⁾ Category B



Switch fuses OS 200-800

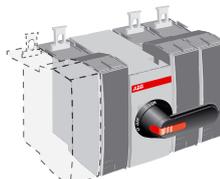
Technical data

OS 250_	OS 315_	OS 400_	OS 630_	OS 800_
1000 10 12	1000 10 12	1000 10 12	1000 10 12	1000 10 12
250/23 250/20 120	315/32 315/32 185	400/45 400/30 240	630/60 570/50 2 x 185	800/65 720/55 2 x 240
0 5 20/20				
250 250	315 315	400 400	630 630	800 800
250 250	315 315	400 400	630 630	800 800
250 250	315 315	400 400	630 630	800 800
250/1 250/2 250/3 230/4 230/4	315/2 315/3 ⁽⁴⁾ 315/4 ⁽⁴⁾ 315/4 ⁽⁴⁾	400/2 400/3 ⁽⁴⁾ 400/4 ⁽⁴⁾ 400/4 ⁽⁴⁾		
75 140 145 170 250	100 160 180 220 315	132 220 230 280 400	200 355 355 450 630	250 450 450 560 710
2000 2000	3200 3200	3200 3200	6400 6400	6400 6400
40.5 355/315 37.5 250/250		59 500/500 63.5 500/500	83 800/800	83 800/800
32.5 200/250		46 315/400		
28 250/200M315 28 250/200M250	44 400/400M500 48 400/400M450	44 400/400M500 48 400/400M450		
8 13 20 000 0-1 1 B1-B3 ⁽³⁾ M8/111	14 19 16 000 B1-B4 ⁽³⁾ M8/111	14 30 16 000 0-2 2 B1-B4 ⁽³⁾ M8/111	46 10 000 3 3 C1-C2 M10/133, 184	75 10 000 3 3 C1-C3 M10/133, 184
3.1 M10x30 30-44 5	5.7 M10x30 30-44 20	5.7 M10x30 30-44 20	11.5 M12x40 50-75 M10:30 M12:40	11.5 M12x40 50-75 M10:30 M12:40
7	19	19	38	38

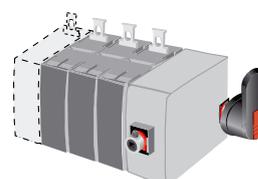
Placing options of the operating mechanism



At the end of the switch fuse OS_03 or 04



Between the poles OS_12 or 22



Side operated types OS_30 or 40 OS_03 or 04



Fusible disconnect switches OS 30-400 and OES 600-800

Technical data

Switch size	A	OS Mini 30
Approvals	3 pole 4 pole	UL 98/CSA/IEC UL 98/CSA/IEC

Technical data according to UL/CSA

General purpose amp rating Max. operating voltage	pf= 0.7...0.8	-40° to 40 °C	A V	30 600
Max. horsepower rating / motor FLA current	pf= 0.4...0.5 Three phase	200-208 V	HP/A	5/16.8-7.5/24.2
		240 V	HP/A	7.5/22.0
	Single phase	480 V	HP/A	15/21.0
		600 V	HP/A	20/22.0
		120 V	HP/A	2/24.0
Short circuit rating with fuse		240 V	HP/A	3/17.0
		UL fuse size	kA	200
Min. electrical endurance Mechanical endurance	pf= 0.75...0.8	UL fuse type	A	30
		CSA fuse type		J/CC C
Terminal lug kits Wire range		operation cycles operation		6000 20 000
Torque	Wire tightening Lug mounting		AWG	Integral #18-8
			lb.in. lb.in.	17 N/A

Technical data according to IEC 60947-3

Rated insulation voltage	Pollution degree 3		V	1 000
Dielectric strength		50 Hz 1min.	kV	10
Rated impulse withstand voltage			kV	12
Rated thermal current in ambient 40 °C / max. fuse power dissipation ¹⁾ ...with minimum cable cross section	In open air		A/W	32/3.5
	In enclosure ²⁾		A/W	32/3.5
Rated operational current, AC-23A		Cu	mm ²	6
		up to 500 V 690 V	A A	32 32
Rated operational power, AC-23 ³⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	7.5
		400 V	kW	15
		415 V	kW	15
		500 V	kW	18.5
		690 V	kW	22
Rated breaking capacity in category AC-23		up to 500 V 690 V	A A	256 256
			kA W	1 2
Rated short-time withstand current, 1 s	r.m.s. -value			
Power loss / pole	With rated current, without fuse			
Weight without accessories	3-pole switch fuses		kg	0.7
	4-pole switch fuses		kg	0.9
Built-in terminal size		Cu	mm ²	0.75...10
Terminal bolt size (included)	Metric thread diameter x length		mm	
Fuse-links bolts tightening torque			Nm	2

¹⁾ = Utilization category B

¹⁾ Ambient temperature 60 °C: derating 20%

²⁾ Mounting on "ceiling": derating 10%. Mounting on wall, horizontal fuses: derating 8%

³⁾ Some fuse links limit these figures further. Starting current characteristics must be considered separately.



Fusible disconnect switches OS 30-400 and OES 600-800

Technical data

OS 60	OS 100	OS 200	OS 400	OES 600	OES 800
UL 98/CSA/IEC UL 98/CSA/IEC	UL 98/CSA/IEC UL 98/CSA/IEC	UL 98/CSA/IEC UL 98/CSA/IEC	UL 98/CSA/IEC UL 98/CSA/IEC	UL 98/CSA/IEC UL 98/CSA/IEC	UL 98/CSA/IEC UL 98/CSA/IEC
60 600	100 600	200 600	400 600	600 600	800 600
15/46.2 15/42.0 30/40.0 50/52.0	25/75.0 30/80.0 60/77.0 75/77.0	50/150.0 60/154.0 125/156.0 150/144.0	100.0/300.0 125.0/312.0 250.0/302.0 350.0/336.0	150/396.0 200/480.0 400/477.0 500/472.0	200/528.0 200/480 500/590.0 500/472.0
200 60 J C	200 100 J C	100 200 J	100 400 J	200 600 J/T C	200 800 L
6000 20 000	6000 20 000	6000 16 000	1000 12 000	1000 10 000	500 7000
Integral #14-4	OZXA-24 #14-2/0	OZXA-200 #4-300kcmil	OZXA-400 #2-600kcmil	OZXA-27 (2)#2-600kcmil	OZXA-27 (2)#2-600kcmil
30 N/A	120 50	275	375	500 480	500 480
1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12	1 000 10 12
63/7.5 63/7.5 16	160/12 160/10, 135/12 70	200/17 200/15 95	400/45 400/30 240	630/60 600/45, 570/50 2x185	800/65 720/55 2x240
63 63*	160 160*	200 200	400 400	630 630	720 720
18.5 30 30 37 55	45 75 75 90 132	60 110 110 132 200	132 220 230 280 400	200 355 355 450 560	200 400 400 500 710
504 504	1280 1280	1600 1600	3200 3200	5760 5760	5760 5760
2.5 4	5 9	8 8	14 30	16 55	16 77
1.3 1.6	1.5 1.8	2.6	5.7	15.5 19.0	17.0 21.0
2.5...25	M6x20 M5:3.5 M8:5	M8x25 4	M10x30 20	M12x40 40	M12x40 40
3.5					

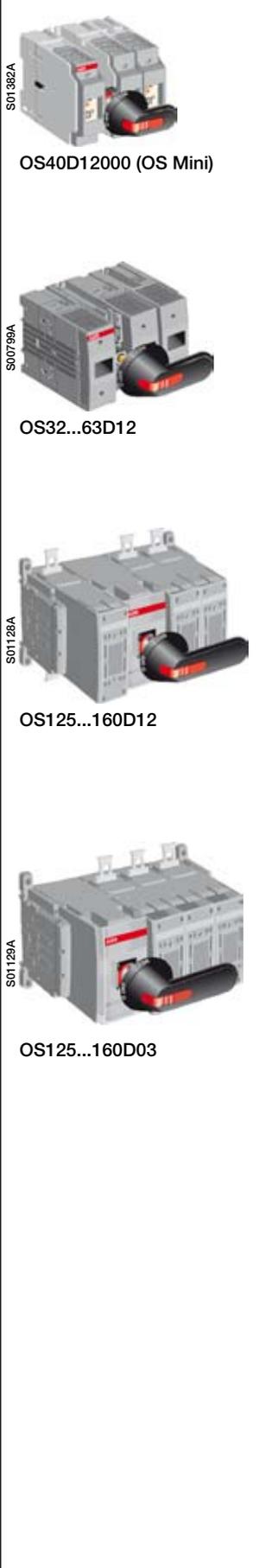


Switch fuses, DIN-types

Ordering information

Front operated switch fuses

Including terminal bolt kit (OS125...160), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.



Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Mechanism between the poles

Protected tunnel terminals, IP20 (OS Mini).

40	18.5/22/30	000	3	OS40D12000	1SCA022615R8150	1	0.8
40	18.5/22/30	000	4	OS40D22000N1	1SCA022647R2020	1	1.0

Protected tunnel terminals, IP20. Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm².

32	15/18.5/22	000,00	3	OS32D12	1SCA022456R9710	1	1.3
32	15/18.5/22	000,00	4	OS32D22N1	1SCA022456R9890	1	1.6
32	15/18.5/22	000,00	4	OS32D22F	1SCA022456R9970	1	1.6
63	30/37/55	000,00	3	OS63D12	1SCA022434R7810	1	1.3
63	30/37/55	000,00	4	OS63D22N1	1SCA022457R0040	1	1.6
63	30/37/55	000,00	4	OS63D22F	1SCA022456R9460	1	1.6

Terminal width 15 mm

125	55/75/110	000,00	3	OS125D12	1SCA022472R1860	1	1.5
125	55/75/110	000,00	4	OS125D22N1	1SCA022537R8730	1	1.8
125	55/75/110	000,00	4	OS125D22F	1SCA022507R2900	1	1.8
160	80/110/132	000,00	3	OS160D12	1SCA022472R0030	1	1.5
160	80/110/132	000,00	4	OS160D22N1	1SCA022537R6520	1	1.8
160	80/110/132	000,00	4	OS160D22F	1SCA022506R0560	1	1.8

Terminal width 20 mm

125	55/75/110	000,00	3	OS125D12W	1SCA022537R2020	1	1.5
125	55/75/110	000,00	4	OS125D22N1W	1SCA022537R8900	1	1.8
125	55/75/110	000,00	4	OS125D22FW	1SCA022537R3260	1	1.8
160	75/90/132	000,00	3	OS160D12W	1SCA022510R6650	1	1.5
160	75/90/132	000,00	4	OS160D22N1W	1SCA022537R8570	1	1.8
160	75/90/132	000,00	4	OS160D22FW	1SCA022510R6810	1	1.8

Mechanism at the end of the switch fuse

Terminal width 15 mm

125	55/75/110	000,00	3	OS125D03	1SCA022469R8780	1	1.5
125	55/75/110	000,00	4	OS125D04N2	1SCA022507R3030	1	1.8
125	55/75/110	000,00	4	OS125D04F	1SCA022469R8860	1	1.8
160	75/90/132	000,00	3	OS160D03	1SCA022456R8310	1	1.5
160	75/90/132	000,00	4	OS160D04N2	1SCA022507R2650	1	1.8
160	75/90/132	000,00	4	OS160D04F	1SCA022469R8940	1	1.8

Terminal width 20 mm

125	55/75/110	000,00	3	OS125D03W	1SCA022537R2110	1	1.5
125	55/75/110	000,00	4	OS125D04N2W	1SCA022538R2250	1	1.8
125	55/75/110	000,00	4	OS125D04FW	1SCA022537R3420	1	1.8
160	75/90/132	000,00	3	OS160D03W	1SCA022510R6310	1	1.5
160	75/90/132	000,00	4	OS160D04N2W	1SCA022510R6490	1	1.8
160	75/90/132	000,00	4	OS160D04FW	1SCA022510R6570	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS40D_	OXp5X150	OHB65J5	
OS32_...63_	OXp6X161	OHB65J6	
OS125_...160_	OXp6X161	OHB65J6	M6X20
OS125_W...160_W	OXp6X161	OHB65J6	M8X25

F = Fused neutral
N1 = Non-fused neutral on the left side
N2 = Non-fused neutral on the right side

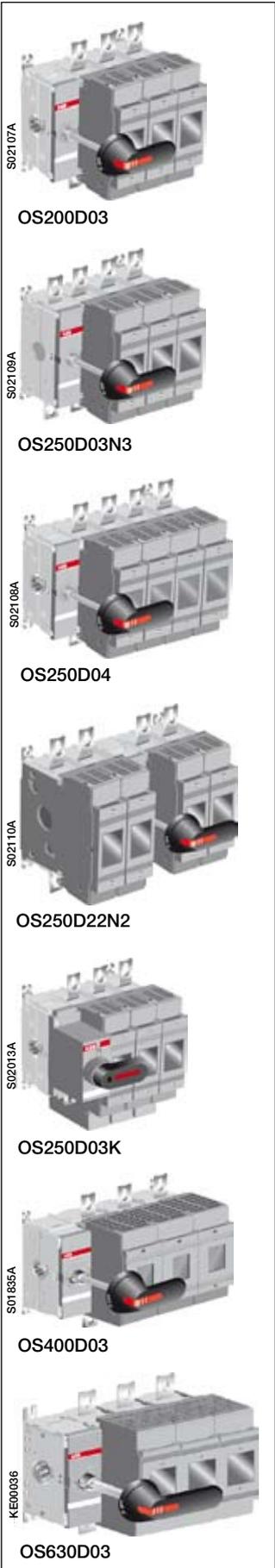


Switch fuses, DIN-types

Ordering information

Front operated switch fuses

Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.



Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Number of poles	Fuse size	Type	Order number	Units/ Weight type	
						[pcs]	[kg]
Mechanism between the poles							
200	110/132/200	3	00	OS200DZ12P	1SCA022820R9150	1	3.3
200	110/132/200	3	0	OS200D12P	1SCA022721R3050	1	3.3
200	110/132/200	4	0	OS200D22N2P	1SCA022721R3130	1	4.2
250	145/170/250	3	0-1	OS250D12P	1SCA022726R8380	1	4.3
250	145/170/250	4	0-1	OS250D22N2P	1SCA022726R8460	1	5.1
400	230/280/400	3	0-2	OS400D12P	1SCA022753R3800	1	7.1
400	230/280/400	4	0-2	OS400D22N2P	1SCA022753R1770	1	9.1
630	355/450/630	3	3	OS630D12P	1SCA022825R3810	1	13.6
630	355/450/630	4	3	OS630D22N2P	1SCA022825R4450	1	16.9
800	450/560/710	3	3	OS800D12P	1SCA022825R5340	1	13.6
800	450/560/710	4	3	OS800D22N2P	1SCA022825R5510	1	16.9

Mechanism at the end of the switch fuse

200	110/132/200	3	00	OS200DZ03P	1SCA022797R3440	1	3.3
200	110/132/200	4	00	OS200DZ04N2P	1SCA022820R9230	1	4.2
200	110/132/200	3	0	OS200D03P	1SCA022709R9500	1	3.3
200	110/132/200	3+N	0	OS200D03N3P	1SCA022749R8710	1	3.4
200	110/132/200	4	0	OS200D04N2P	1SCA022709R9680	1	4.2
200	110/132/200	4	0	OS200D04FP	1SCA022725R4750	1	4.2
250	145/170/250	3	0-1	OS250D03P	1SCA022719R0090	1	4.3
250	145/170/250	3+N	0-1	OS250D03N3P	1SCA022749R9430	1	4.4
250	145/170/250	4	0-1	OS250D04N2P	1SCA022719R2380	1	5.1
250	145/170/250	4	0-1	OS250D04FP	1SCA022726R8620	1	5.1
400	230/280/400	3	0-2	OS400D03P	1SCA022719R0250	1	7.1
400	230/280/400	3+N	0-2	OS400D03N3P	1SCA022753R9320	1	7.5
400	230/280/400	4	0-2	OS400D04N2P	1SCA022719R2460	1	9.1
400	230/280/400	4	0-2	OS400D04FP	1SCA022753R7110	1	9.1
630	355/450/630	3	3	OS630D03P	1SCA022825R2830	1	13.6
630	355/450/630	3+N	3	OS630D03N3P	1SCA100858R1001	1	14.5
630	355/450/630	4	3	OS630D04N2P	1SCA022825R4290	1	16.9
630	355/450/630	4	3	OS630D04FP	1SCA022825R4610	1	16.9
800	450/560/710	3	3	OS800D03P	1SCA022825R4880	1	13.6
800	450/560/710	3+N	3	OS800D03N3P	1SCA100859R1001	1	14.5
800	450/560/710	4	3	OS800D04N2P	1SCA022825R5180	1	16.9
800	450/560/710	4	3	OS800D04FP	1SCA022825R5000	1	16.9

Front operated switch fuses with direct mounted handle

Including a black Test-OFF-ON plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

200	110/132/200	3	0	OS200D03K	1SCA022764R7130	1	3.3
200	110/132/200	4	0	OS200D04N2K	1SCA022768R7430	1	4.2
250	145/170/250	3	0-1	OS250D03K	1SCA022763R6360	1	4.3
250	145/170/250	4	0-1	OS250D04N2K	1SCA022763R6440	1	5.1
400	230/280/400	3	0-2	OS400D03K	1SCA022779R5410	1	7.0
400	230/280/400	4	0-2	OS400D04N2K	1SCA022763R7250	1	9.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS200_P	OXF6X210	OHB65J6	M8X25
OS250_P	OXF6X210	OHB65J6	M10X30
OS400_P	OXF12X250	OHB95J12	M10X30
OS630...800_P	OXF12X280	OHB145J12	M12X40
OS200_K		OHB65D6	M8X25
OS250_K		OHB65D6	M10X30
OS400_K		OHB95D12	M10X30

F = Fused fourth pole.
 N2 = 4-pole switch with the fourth pole on the right side.
 N3 = Include a detachable neutral link integrated into the mechanism.



Switch fuses, BS-types Ordering information



Front operated switch fuses

Including terminal bolt kit (OS100...160), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
Mechanism between the poles							
Protected tunnel terminals, IP20, (OS Mini).							
20	7.5/11/15	A1	3	OS20B12A1	1SCA022533R8510	1	0.7
20	7.5/11/15	A1	4	OS20B22A1N1	1SCA022533R8780	1	0.9
32	15/18/25	A1	3	OS32B12A1	1SCA022530R9500	1	0.7
32	15/18/25	A1	4	OS32B22A1N1	1SCA022533R9410	1	0.9
32	15/18.5/22	A2	3	OS32B12A2	1SCA022533R9830	1	0.7
32	15/18.5/22	A2	4	OS32B22A2N1	1SCA022533R9910	1	0.9
32	15/18.5/22	F1	3	OS32B12F1	1SCA022534R2030	1	0.7
32	15/18.5/22	F1	4	OS32B22F1N1	1SCA022534R2200	1	0.9
Protected tunnel terminals, IP20. Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm ² .							
32	15/18.5/22	A2, A3	3	OS32B12	1SCA022470R7610	1	1.3
32	15/18.5/22	A2, A3	4	OS32B22N1	1SCA022471R7080	1	1.6
63	30/37/55	A2, A3	3	OS63B12	1SCA022434R7990	1	1.3
63	30/37/55	A2, A3	4	OS63B22N1	1SCA022469R2580	1	1.6
Terminal width 15 mm							
100	55/55/90	A2, A3	3	OS100B12	1SCA022483R4120	1	1.5
100	55/55/90	A2, A3	4	OS100B22N1	1SCA022544R6240	1	1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125B12	1SCA022483R4390	1	1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125B22N1	1SCA022544R6320	1	1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160B12	1SCA022483R4470	1	1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160B22N1	1SCA022544R6590	1	1.8
Terminal width 20 mm							
100	55/55/90	A2, A3	3	OS100B12W	1SCA022546R9610	1	1.5
100	55/55/90	A2, A3	4	OS100B22N1W	1SCA022552R0580	1	1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125B12W	1SCA022546R4730	1	1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125B22N1W	1SCA022552R6780	1	1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160B12W	1SCA022545R9650	1	1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160B22N1W	1SCA022552R0740	1	1.8

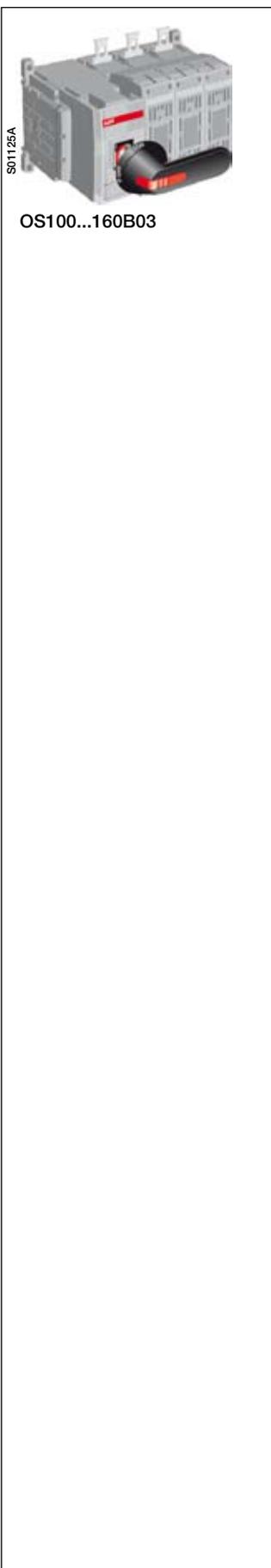
Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS20...32B_ (OS Mini)	EXP5X150	OHB65J5	
OS32...63	EXP6X161	OHB65J6	
OS100...160	EXP6X161	OHB65J6	M6X20
OS100_W...160_W	EXP6X161	OHB65J6	M8X25

¹⁾ Max. fuse diameter 32 mm
N1 = Non-fused neutral on the left side



Switch fuses, BS-types Ordering information



Front operated switch fuses

Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type	
						[pcs]	[kg]

Mechanism at the end of the switch fuse

Terminal width 15 mm

100	55/55/90	A2, A3	3	OS100B03	1SCA022456R9030	1	1.5
100	55/55/90	A2, A3	4	OS100B04N2	1SCA022508R3690	1	1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125B03	1SCA022456R9110	1	1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125B04N2	1SCA022508R3850	1	1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160B03	1SCA022536R0870	1	1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160B04N2	1SCA022508R3770	1	1.8

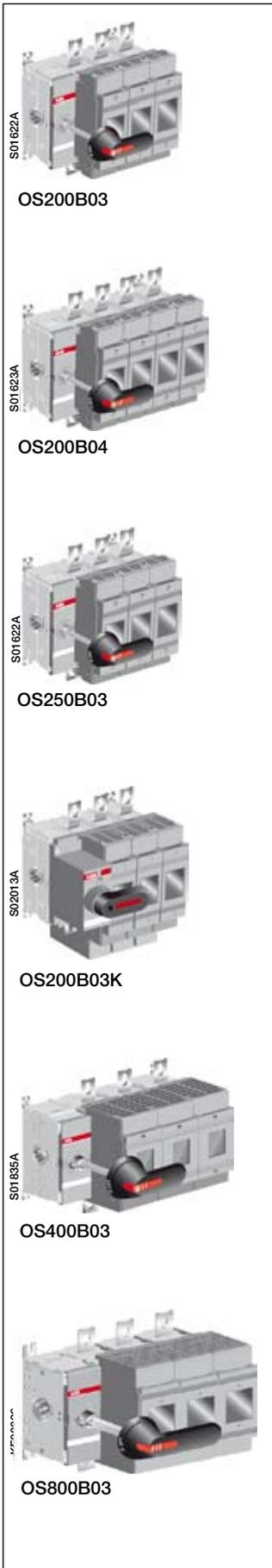
Terminal width 20 mm

100	55/55/90	A2, A3	3	OS100B03W	1SCA022546R9530	1	1.5
100	55/55/90	A2, A3	4	OS100B04N2W	1SCA022552R0820	1	1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125B03W	1SCA022546R4220	1	1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125B04N2W	1SCA022552R0910	1	1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160B03W	1SCA022543R3770	1	1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160B04N2W	1SCA022543R3930	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS100...160B_	OXF6X161	OHB65J6	M6X20
OS100W_...160W_	OXF6X161	OHB65J6	M8X25

¹⁾ Max. fuse diameter 32 mm.
N2 = Non-fused neutral on the right side



Front operated switch fuses

Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type	
						[pcs]	[kg]
Mechanism between the poles							
200	110/132/200	B1-B2	3	OS200B12P	1SCA022721R3210	1	3.3
200	110/132/200	B1-B2	4	OS200B22N2P	1SCA022721R3300	1	4.2
250	145/170/250	B1-B3	3	OS250B12P	1SCA022778R9860	1	4.3
250	145/170/250	B1-B3	4	OS250B22N2P	1SCA022778R9940	1	5.1
315	180/220/315	B1-B4	3	OS315B12P	1SCA022753R2310	1	7.1
315	180/220/315	B1-B4	4	OS315B22N2P	1SCA022753R3390	1	9.1
400	230/280/400	B1-B4	3	OS400B12P	1SCA022753R3470	1	7.1
400	230/280/400	B1-B4	4	OS400B22N2P	1SCA022753R7200	1	9.1
630	355/450/630	C1-C2	3	OS630B12P	1SCA022825R6400	1	13.6
630	355/450/630	C1-C2	4	OS630B22N2P	1SCA022825R6660	1	16.9
800	450/560/710	C1-C3	3	OS800B12P	1SCA022825R8280	1	13.6
800	450/560/710	C1-C3	4	OS800B22N2P	1SCA022825R8440	1	16.9

Mechanism at the end of the switch fuse

200	110/132/200	B1-B2	3	OS200B03P	1SCA022709R9330	1	3.3
200	110/132/200	B1-B2	3+N ¹⁾	OS200B03N3P	1SCA022750R0620	1	3.4
200	110/132/200	B1-B2	4	OS200B04N2P	1SCA022709R9410	1	4.2
250	145/170/250	B1-B3	3	OS250B03P	1SCA022750R6660	1	4.3
250	145/170/250	B1-B3	3+N ¹⁾	OS250B03N3P	1SCA022750R8010	1	4.4
250	145/170/250	B1-B3	4	OS250B04N2P	1SCA022750R7800	1	5.1
315	180/220/315	B1-B4	3	OS315B03P	1SCA022719R0680	1	7.1
315	180/220/315	B1-B4	3+N ¹⁾	OS315B03N3P	1SCA022753R8940	1	7.5
315	180/220/315	B1-B4	4	OS315B04N2P	1SCA022719R2710	1	9.1
400	230/280/400	B1-B4	3	OS400B03P	1SCA022719R0840	1	7.1
400	230/280/400	B1-B4	3+N ¹⁾	OS400B03N3P	1SCA022753R9160	1	7.5
400	230/280/400	B1-B4	4	OS400B04N2P	1SCA022719R2890	1	9.1
630	355/450/630	C1-C2	3	OS630B03P	1SCA022825R5850	1	13.6
630	355/450/630	C1-C2	3+N ¹⁾	OS630B03N3P	1SCA100860R1001	1	14.5
630	355/450/630	C1-C2	4	OS630B04N2P	1SCA022825R6230	1	16.9
800	450/560/710	C1-C3	3	OS800B03P	1SCA022825R7550	1	13.6
800	450/560/710	C1-C3	3+N ¹⁾	OS800B03N3P	1SCA100861R1001	1	14.5
800	450/560/710	C1-C3	4	OS800B04N2P	1SCA022825R8010	1	16.9

Front operated switch fuses with direct mounted handle

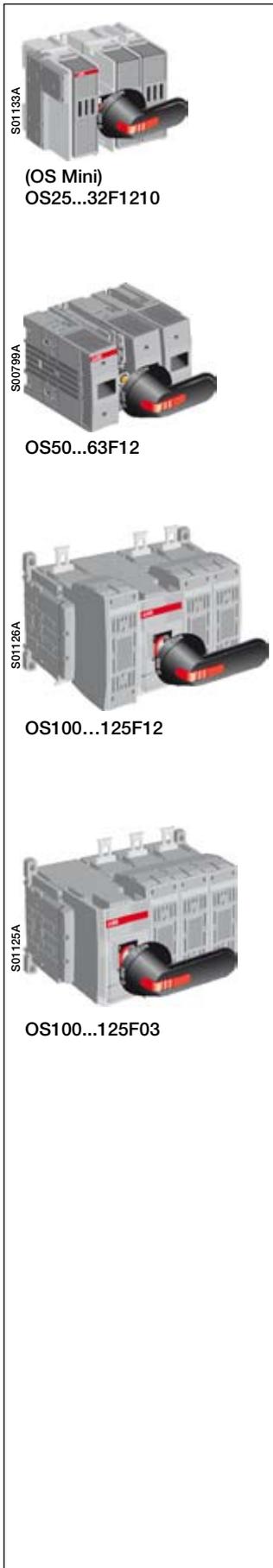
Including a black Test-OFF-ON plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

200	110/132/200	B1-B2	3	OS200B03K	1SCA022763R6950	1	3.3
200	110/132/200	B1-B2	4	OS200B04N2K	1SCA022763R7090	1	4.2
250	145/170/250	B1-B3	3	OS250B03K	1SCA022763R6010	1	4.3
250	145/170/250	B1-B3	4	OS250B04N2K	1SCA022763R6280	1	5.1
315	180/220/315	B1-B4	3	OS315B03K	1SCA022763R6520	1	7.0
315	180/220/315	B1-B4	4	OS315B04N2K	1SCA022763R6610	1	9.0
400	230/280/400	B1-B4	3	OS400B03K	1SCA022763R6790	1	7.0
400	230/280/400	B1-B4	4	OS400B04N2K	1SCA022763R6870	1	9.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS200_P	OXF6X210	OHB65J6	M8X25
OS250_P	OXF6X210	OHB65J6	M10X30
OS315...400_P	OXF12X250	OHB95J12	M10X30
OS630...800_P	OXF12X280	OHB145J12	M12X40
OS200_K		OHB65D6	M8X25
OS250_K		OHB65D6	M10X30
OS315...400_K		OHB95D12	M10X30

¹⁾ Include a detachable neutral link integrated into the mechanism.



(OS Mini)
OS25...32F1210

OS50...63F12

OS100...125F12

OS100...125F03

Front operated switch fuses

Including terminal bolt kit (OS100...125), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Mechanism between the poles

Protected tunnel terminals, IP20.

25	11/15/22	10x38	3	OS25F1210	1SCA022534R0500	1	0.7
25	11/15/22	10x38	4	OS25F2210N1	1SCA022534R0840	1	0.9
25	11/15/22	10x38	4	OS25F2210F	1SCA022534R0170	1	0.9
32	15/18.5/22	14x51	3	OS32F1214	1SCA022534R1570	1	0.7
32	15/18.5/22	14x51	4	OS32F2214N1	1SCA022534R1650	1	0.9
32	15/18.5/22	14x51	4	OS32F2214F	1SCA022534R1310	1	0.9

Protected tunnel terminals, IP20.

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm².

50	22/30/37	14x51	3	OS50F12	1SCA022434R8020	1	1.3
50	22/30/37	14x51	4	OS50F22N1	1SCA022471R0820	1	1.6
50	22/30/37	14x51	4	OS50F22F	1SCA022472R0110	1	1.6
63	30/37/55	22x58	3	OS63F12	1SCA022434R8110	1	1.3
63	30/37/55	22x58	4	OS63F22N1	1SCA022471R0740	1	1.6
63	30/37/55	22x58	4	OS63F22F	1SCA022471R9960	1	1.6

Terminal width 15 mm

100	55/55/90	22x58	3	OS100F12	1SCA022508R2450	1	1.5
100	55/55/90	22x58	4	OS100F22N1	1SCA022544R6670	1	1.8
100	55/55/90	22x58	4	OS100F22F	1SCA022508R2610	1	1.8
125	55/75/110	22x58	3	OS125F12	1SCA022507R7290	1	1.5
125	55/75/110	22x58	4	OS125F22N1	1SCA022544R6750	1	1.8
125	55/75/110	22x58	4	OS125F22F	1SCA022507R7370	1	1.8

Terminal width 20 mm

100	55/55/90	22x58	3	OS100F12W	1SCA022547R7550	1	1.5
100	55/55/90	22x58	4	OS100F22N1W	1SCA022552R2010	1	1.8
100	55/55/90	22x58	4	OS100F22FW	1SCA022552R2280	1	1.8
125	55/75/110	22x58	3	OS125F12W	1SCA022547R0620	1	1.5
125	55/75/110	22x58	4	OS125F22N1W	1SCA022552R2100	1	1.8
125	55/75/110	22x58	4	OS125F22FW	1SCA022552R2360	1	1.8

Mechanism at the end of the switch fuse

Terminal width 15 mm

100	55/55/90	22x58	3	OS100F03	1SCA022502R6460	1	1.5
100	55/55/90	22x58	4	OS100F04N2	1SCA022508R4580	1	1.8
100	55/55/90	22x58	4	OS100F04F	1SCA022502R6540	1	1.8
125	55/75/110	22x58	3	OS125F03	1SCA022502R7010	1	1.5
125	55/75/110	22x58	4	OS125F04N2	1SCA022505R1570	1	1.8
125	55/75/110	22x58	4	OS125F04F	1SCA022503R0810	1	1.8

Terminal width 20 mm

100	55/55/90	22x58	3	OS100F03W	1SCA022547R7390	1	1.5
100	55/55/90	22x58	4	OS100F04N2W	1SCA022552R2440	1	1.8
100	55/55/90	22x58	4	OS100F04FW	1SCA022552R2610	1	1.8
125	55/75/110	22x58	3	OS125F03W	1SCA022547R0380	1	1.5
125	55/75/110	22x58	4	OS125F04N2W	1SCA022552R2520	1	1.8
125	55/75/110	22x58	4	OS125F04FW	1SCA022552R2790	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS25...32_	OXF5X150	OHB65J5	
OS50...63_	OXF6X161	OHB65J6	
OS100...125	OXF6X161	OHB65J6	M6X20
OS100_W...125_W	OXF6X161	OHB65J6	M8X25

F = Fused neutral

N1 = Non-fused neutral on the left side

N2 = Non-fused neutral on the right side



Front operated switch fuses, Neozed -types

Including a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type
						[pcs] [kg]
Mechanism between the poles						
Protected tunnel terminals, IP20.						
16	7.5/7.5/11	DO1 ¹⁾	3	OS16D1201	1SCA022557R6610	1 0.7
16	7.5/7.5/11	DO1 ¹⁾	4	OS16D2201N1	1SCA022557R6700	1 0.9
16	7.5/7.5/11	DO1 ¹⁾	4	OS16D2201F	1SCA022557R6880	1 0.9
35	15/22/30	DO2 ¹⁾	3	OS35D1202	1SCA022557R6960	1 0.7
35	15/22/30	DO2 ¹⁾	4	OS35D2202N1	1SCA022557R7000	1 0.9
35	15/22/30	DO2 ¹⁾	4	OS35D2202F	1SCA022557R7180	1 0.9

Front operated fusible disconnect switches, UL- and CSA-types

Including terminal bolt set (OS100), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Fuse standard UL 198C.

Ampere rating [A]	Horse power ratings 3 phase 208/480/600V [HP]	Fuse type, size	Number of poles	Type	Order number	Units/ Weight type
						[pcs] [kg]
Mechanism between the poles						
Protected tunnel terminals, IP20, cable size 0.5...10 mm ² , (AWG 18 - 8).						
30	7.5/15/20	CC, 30A	3	OS30ACC12P	1SCA022533R7460	1 0.7
30	7.5/15/20	CC, 30A	4	OS30ACC22FP	1SCA022533R7030	1 0.9
30	7.5/15/20	J, 30A	3	OS30AJ12P	1SCA022533R8010	1 0.7
30	7.5/15/20	J, 30A	4	OS30AJ22FP	1SCA022533R7710	1 0.9
Protected tunnel terminals, IP20, cable size 2.5...25 mm ² . Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm ² , (AWG 14 - 4).						
60	15/30/50	J, 60A	3	OS60J12P	1SCA022434R8290	1 1.3
60	15/30/50	J, 60A	4	OS60J22N1P	1SCA022471R1210	1 1.6
60	15/30/50	J, 60A	4	OS60J22FP	1SCA022472R0460	1 1.6
Terminal width 15 mm						
100	25/60/75	J, 100A	3	OS100J12P	1SCA022483R4550	1 1.5
100	25/60/75	J, 100A	4	OS100J22N1P	1SCA022544R6830	1 1.8
100	25/60/75	J, 100A	4	OS100J22FP	1SCA022508R2960	1 1.8
Terminal width 20 mm						
100	25/60/75	J, 100A	3	OS100J12WP	1SCA022547R5000	1 1.5
100	25/60/75	J, 100A	4	OS100J22N1WP	1SCA022552R3090	1 1.8
100	25/60/75	J, 100A	4	OS100J22FWP	1SCA022552R3170	1 1.8
Mechanism at the end of the switch fuse						
Terminal width 15 mm						
100	25/60/75	J, 100A	3	OS100J03P	1SCA022456R8810	1 1.5
100	25/60/75	J, 100A	4	OS100J04N2P	1SCA022544R7050	1 1.8
100	25/60/75	J, 100A	4	OS100J04FP	1SCA022508R2700	1 1.8
Terminal width 20 mm						
100	25/60/75	J, 100A	3	OS100J03WP	1SCA022547R4960	1 1.5
100	25/60/75	J, 100A	4	OS100J04N2WP	1SCA022552R3250	1 1.8
100	25/60/75	J, 100A	4	OS100J04FWP	1SCA022552R3330	1 1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS16...35D_	OXF5X150	OHB65J5	
OS30A_	OXF5X150	OHB65J5	
OS60	OXF6X161	OHB65J6	
OS100	OXF6X161	OHB65J6	M6X20
OS100_W	OXF6X161	OHB65J6	M8X25

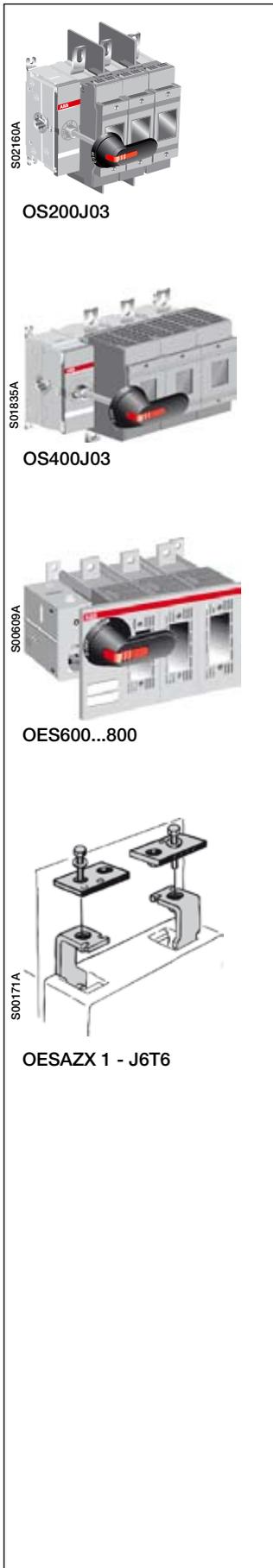
¹⁾ Use DO2 adapter rings.
N1 = Non-fused neutral on the left side

F = Fused neutral
N2 = Non-fused neutral on the right side



Switch fuses, UL- and CSA-types

Ordering information



Front operated fusible disconnect switches

Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Fuse standards UL 198C.

Ampere rating [A]	Horsepower rating, [HP] 208/480/600V	Number of poles	Type ¹⁾	Order number	Units/ type [pcs]	Weight [kg]
200	50/125/150	3	OS200J03P	1SCA022709R9760	1	3.3
400	100/250/350	3	OS400J03P	1SCA022719R1140	1	7.25
600	150/400/500	3	OES600J3P	1SCA022380R5160	1	18
600	150/400/500	3	OES600C3P ²⁾	1SCA022529R9510	1	17.8
800	200/500/500	3	OES800L3P	1SCA022380R5410	1	18.2

Adapter kits to convert J-types to T-types

J-type switch fuses accept Class J 600V fuse links as such and Class T 600V fuse links when equipped with adapter kits. The package includes 6 pcs.

For switch-fuse type	Type	Order number	Weight [kg]
OES600J3P	OESAZX 1-J6T6	1SCA022101R2850	1.20

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS200	OX P6X210	OHB65J6	M8X25
OS400	OX P12X250	OHB95J12	M10X30
OES600...800	OX P12X280	OHB145J12	M12X40

¹⁾ The switch types suitable for fuses: L: Class L (HRC-L) 600 V fuses, C: Class HRC II-C 600 V fuses, J: Class J 600 V fuses. Information on CSA and UL approval on request.
²⁾ CSA only



Front operated fusible disconnect switches

Including terminal bolt set (OS100), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Fuse standards CSA C22.2 No 106.

Ampere rating	Horse power ratings 3 phase 208/480/600V [HP]	Fuse type, size	Number of poles	Type	Order number	Units/ Weight type
[A]						[pcs] [kg]

Mechanism between the poles

Protected tunnel terminals, IP20, cable size 2.5...25 mm².

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm², (AWG 14 - 4).

30	7.5/15/20	C, 30A	3	OS30C12P	1SCA022471R9110	1	1.3
30	7.5/15/20	C, 30A	4	OS30C22N1P	1SCA022471R9370	1	1.6
30	7.5/15/20	C, 30A	4	OS30C22FP	1SCA022472R0380	1	1.6
60	15/30/50	C, 60A	3	OS60C12P	1SCA022434R8370	1	1.3
60	15/30/50	C, 60A	4	OS60C22N1P	1SCA022471R1470	1	1.6
60	15/30/50	C, 60A	4	OS60C22FP	1SCA022472R0200	1	1.6

Terminal width 15 mm

100	25/60/75	C, 100A	3	OS100C12P	1SCA022483R4630	1	1.5
100	25/60/75	C, 100A	4	OS100C22N1P	1SCA022544R7130	1	1.8
100	25/60/75	C, 100A	4	OS100C22FP	1SCA022507R6990	1	1.8

Terminal width 20 mm

100	25/60/75	C, 100A	3	OS100C12WP	1SCA022548R0260	1	1.5
100	25/60/75	C, 100A	4	OS100C22N1WP	1SCA022552R3410	1	1.8
100	25/60/75	C, 100A	4	OS100C22FWP	1SCA022552R3500	1	1.8

Mechanism at the end of the switch fuse

Terminal width 15 mm

100	25/60/75	C, 100A	3	OS100C03P	1SCA022456R8730	1	1.5
100	25/60/75	C, 100A	4	OS100C04N2P	1SCA022508R3930	1	1.8
100	25/60/75	C, 100A	4	OS100C04FP	1SCA022507R6810	1	1.8

Terminal width 20 mm

100	25/60/75	C, 100A	3	OS100C03WP	1SCA022548R0000	1	1.5
100	25/60/75	C, 100A	4	OS100C04N2WP	1SCA022552R3760	1	1.8
100	25/60/75	C, 100A	4	OS100C04FWP	1SCA022552R3840	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS30...60	OSP6X161	OHB65J6	
OS100	OSP6X161	OHB65J6	M6X20
OS100_W	OSP6X161	OHB65J6	M8X25

F = Fused neutral
 N1 = Non-fused neutral on the left side
 N2 = Non-fused Neutral on the right side



Side operated switch fuses

Including terminal bolt kit (OS125...160), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=157...164 mm and 4-pole: H= 193...200 mm. Protected tunnel terminals, IP20.

40	18.5/22/30	000	3	OS40DS30000	1SCA022651R6680	1	0.9
40	18.5/22/30	000	3 ¹⁾	OS40DS30000-N	1SCA022651R6760	1	0.9
40	18.5/22/30	000	4	OS40DS40000N1	1SCA022651R6840	1	1.1

Shaft mounting depths measured from the left side of the switch, 3-pole: H=221...283 mm and 4-pole: H= 266...328 mm. Protected tunnel terminals, IP20.

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm².

32	15/18.5/22	000,00	3	OS32DS30	1SCA022471R3090	1	1.3
32	15/18.5/22	000,00	4	OS32DS40N1	1SCA022471R6600	1	1.6
32	15/18.5/22	000,00	4	OS32DS40F	1SCA022472R0620	1	1.6
63	30/37/55	000,00	3	OS63DS30	1SCA022467R6970	1	1.3
63	30/37/55	000,00	4	OS63DS40N1	1SCA022471R5890	1	1.6
63	30/37/55	000,00	4	OS63DS40F	1SCA022472R0540	1	1.6

Terminal width 15 mm

Shaft mounting depths measured from the left side of the switch, 3-pole:H=203...327 mm and 4-pole: H= 238...362 mm.

125	55/75/110	000,00	3	OS125DS30	1SCA022502R6890	1	1.5
125	55/75/110	000,00	4	OS125DS40N1	1SCA022543R2370	1	1.8
125	55/75/110	000,00	4	OS125DS40N2	1SCA022544R7210	1	1.8
125	55/75/110	000,00	4	OS125DS40F	1SCA022502R6970	1	1.8
160	75/90/132	000,00	3	OS160DS30	1SCA022502R6970	1	1.5
160	75/90/132	000,00	4	OS160DS40N1	1SCA022537R6280	1	1.8
160	75/90/132	000,00	4	OS160DS40N2	1SCA022544R7300	1	1.8
160	75/90/132	000,00	4	OS160DS40F	1SCA022502R7430	1	1.8

Terminal width 20 mm

Shaft mounting depths measured from the left side of the switch, 3-pole:H=203...327 mm and 4-pole: H= 238...362 mm.

125	55/75/110	000,00	3	OS125DS30W	1SCA022538R3060	1	1.5
125	55/75/110	000,00	4	OS125DS40N1W	1SCA022543R2450	1	1.8
125	55/75/110	000,00	4	OS125DS40N2W	1SCA022552R3920	1	1.8
125	55/75/110	000,00	4	OS125DS40FW	1SCA022543R2290	1	1.8
160	75/90/132	000,00	3	OS160DS30W	1SCA022538R2410	1	1.5
160	75/90/132	000,00	4	OS160DS40N1W	1SCA022538R6590	1	1.8
160	75/90/132	000,00	4	OS160DS40N2W	1SCA022552R4060	1	1.8
160	75/90/132	000,00	4	OS160DS40FW	1SCA022538R6080	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS40D_	OSP5X70-V0	OHB65J5	
OS32...63	OSP6X161	OHB65J6	
OS125...160	OSP6X161	OHB65J6	M6X20
OS125_W...160_W	OSP6X161	OHB65J6	M8X25

¹⁾ Detachable neutral link
F = Fused neutral

N1 = Non-fused neutral on the left side
N2 = Non-fused Neutral on the right side

Side operated switch fuses without handle

Including terminal bolt kit. The handle and shaft have to be ordered separately.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/	Weight
						type	
						[pcs]	[kg]
200	110/132/200	0	3	OS200DS03	1SCA022871R0720	1	3.5
200	110/132/200	0	3	OS200DS30	1SCA022871R1370	1	3.5
200	110/132/200	0	4	OS200DS04F	1SCA022871R0990	1	4.4
200	110/132/200	0	4	OS200DS40F	1SCA022871R1530	1	4.4
250	145/170/250	0-1	3	OS250DS03	1SCA022860R3050	1	4.5
250	145/170/250	0-1	3	OS250DS30	1SCA022871R2180	1	4.5
250	145/170/250	0-1	4	OS250DS04F	1SCA022860R3210	1	5.3
250	145/170/250	0-1	4	OS250DS40F	1SCA022871R2340	1	5.3
400	230/280/400	0-2	3	OS400DS03	1SCA022860R3480	1	7.3
400	230/280/400	0-2	3	OS400DS30	1SCA022871R2850	1	7.3
400	230/280/400	0-2	4	OS400DS04F	1SCA022860R3640	1	9.3
400	230/280/400	0-2	4	OS400DS40F	1SCA022871R3070	1	9.3

KE00074



OS200DS03

KE00075



OS200DS03K

Side operated switch fuses with direct mounted handle

Including terminal bolt kit, a black Test-ON-OFF plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/	Weight
						type	
						[pcs]	[kg]
200	110/132/200	0	3	OS200DS03K	1SCA022871R0810	1	3.6
200	110/132/200	0	3	OS200DS30K	1SCA022871R1450	1	3.6
200	110/132/200	0	4	OS200DS04FK	1SCA022871R1020	1	4.5
200	110/132/200	0	4	OS200DS40FK	1SCA022871R1610	1	4.5
250	145/170/250	0-1	3	OS250DS03K	1SCA022860R3130	1	4.6
250	145/170/250	0-1	3	OS250DS30K	1SCA022871R2260	1	4.6
250	145/170/250	0-1	4	OS250DS04FK	1SCA022860R3300	1	5.4
250	145/170/250	0-1	4	OS250DS40FK	1SCA022871R2420	1	5.4
400	230/280/400	0-2	3	OS400DS03K	1SCA022860R3560	1	7.5
400	230/280/400	0-2	3	OS400DS30K	1SCA022871R2930	1	7.5
400	230/280/400	0-2	4	OS400DS04FK	1SCA022860R3720	1	9.5
400	230/280/400	0-2	4	OS400DS40FK	1SCA022871R3150	1	9.5

Terminal bolts included as standard

Switch size	Included terminal bolts
OS200	M8x25
OS250...400	M10x30



Switch fuses, BS-types

Ordering information



Side operated switch fuses

Including terminal bolt kit (OS100...160), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type
						[pcs] [kg]

Shaft mounting depths measured from the left side of the switch, 3-pole:H=154...166 mm and 4-pole: H= 189...201 mm. Protected tunnel terminals, IP20.

20	7.5/11/15	A1	3	OS20BS30A1	1SCA022533R8940	1 0.7
20	7.5/11/15	A1	4	OS20BS40A1N1	1SCA022533R9080	1 0.9
32	15/18.5/22	A1	3	OS32BS30A1	1SCA022533R9670	1 0.7
32	15/18.5/22	A1	4	OS32BS40A1N1	1SCA022533R9750	1 0.9
32	15/18.5/22	A2	3	OS32BS30A2	1SCA022534R0090	1 0.7
32	15/18.5/22	A2	4	OS32BS40A2N1	1SCA022556R8430	1 0.9
32	15/18.5/22	F1	3	OS32BS30F1	1SCA022534R2380	1 0.7
32	15/18.5/22	F1	4	OS32BS40F1N1	1SCA022534R2460	1 0.9

Shaft mounting depths measured from the left side of the switch, 3-pole: H=221...283 mm and 4-pole: H= 266...328 mm. Protected tunnel terminals, IP20, cable size 2.5...25 mm². Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes < 10 mm².

32	15/18.5/22	A2, A3	3	OS32BS30	1SCA022471R6940	1 1.3
32	15/18.5/22	A2, A3	4	OS32BS40N1	1SCA022471R7410	1 1.6
63	30/37/55	A2, A3	3	OS63BS30	1SCA022471R0150	1 1.3
63	30/37/55	A2, A3	4	OS63BS40N1	1SCA022471R7320	1 1.6

Terminal width 15 mm

Shaft mounting depths measured from the left side of the switch, 3-pole:H=203...327 mm and 4-pole: H= 238...362 mm.

100	55/55/90	A2, A3	3	OS100BS30	1SCA022508R3000	1 1.5
100	55/55/90	A2, A3	4	OS100BS40N1	1SCA022544R7480	1 1.8
100	55/55/90	A2, A3	4	OS100BS40N2	1SCA022544R7560	1 1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125BS30	1SCA022508R3340	1 1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125BS40N1	1SCA022544R7720	1 1.8
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125BS40N2	1SCA022544R7810	1 1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160BS30	1SCA022508R3260	1 1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160BS40N1	1SCA022544R8020	1 1.8
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160BS40N2	1SCA022544R8110	1 1.8

Terminal width 20 mm

Shaft mounting depths measured from the left side of the switch, 3-pole:H=203...327 mm and 4-pole: H= 238...362 mm.

100	55/55/90	A2, A3	3	OS100BS30W	1SCA022548R3010	1 1.5
100	55/55/90	A2, A3	4	OS100BS40N1W	1SCA022552R4140	1 1.8
100	55/55/90	A2, A3	4	OS100BS40N2W	1SCA022552R4490	1 1.8
125	55/75/110	A2, A3, A4 ¹⁾	3	OS125BS30W	1SCA022548R1310	1 1.5
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125BS40N1W	1SCA022552R4220	1 1.8
125	55/75/110	A2, A3, A4 ¹⁾	4	OS125BS40N2W	1SCA022552R4570	1 1.8
160	75/90/132	A2, A3, A4 ¹⁾	3	OS160BS30W	1SCA022548R1230	1 1.5
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160BS40N1W	1SCA022552R4310	1 1.8
160	75/90/132	A2, A3, A4 ¹⁾	4	OS160BS40N2W	1SCA022552R4650	1 1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS20...32 (OS Mini) OS32...63	OXF5X70-V0 OXF6X161	OHB65J5 OHB65J6	
OS100...160 OS100_W...160_W	OXF6X161 OXF6X161	OHB65J6 OHB65J6	M6X20 M8X25

¹⁾ Max. diameter 32 mm

N1 = Non-fused neutral on the left side
N2 = Non-fused neutral on the right side

Side operated switch fuses without handle

Including terminal bolt kit. The handle and shaft have to be ordered separately.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type	
						[pcs]	[kg]
200	110/132/200	B1-B2	3	OS200BS03	1SCA022860R3810	1	3.5
200	110/132/200	B1-B2	3	OS200BS30	1SCA022870R7770	1	3.5
200	110/132/200	B1-B2	4	OS200BS04N2	1SCA022870R7510	1	4.4
200	110/132/200	B1-B2	4	OS200BS40N2	1SCA022870R8150	1	4.4
250	145/170/250	B1-B3	3	OS250BS03	1SCA022860R4370	1	4.5
250	145/170/250	B1-B3	3	OS250BS30	1SCA022870R8580	1	4.5
250	145/170/250	B1-B3	4	OS250BS04N2	1SCA022870R8310	1	5.3
250	145/170/250	B1-B3	4	OS250BS40N2	1SCA022870R8910	1	5.3
315	180/220/315	B1-B4	3	OS315BS03	1SCA022860R4700	1	7.3
315	180/220/315	B1-B4	3	OS315BS30	1SCA022870R9390	1	7.3
315	180/220/315	B1-B4	4	OS315BS04N2	1SCA022870R9120	1	9.3
315	180/220/315	B1-B4	4	OS315BS40N2	1SCA022870R9710	1	9.3
400	230/280/400	B1-B4	3	OS400BS03	1SCA022860R5180	1	7.3
400	230/280/400	B1-B4	3	OS400BS30	1SCA022871R0130	1	7.3
400	230/280/400	B1-B4	4	OS400BS04N2	1SCA022870R9980	1	9.3
400	230/280/400	B1-B4	4	OS400BS40N2	1SCA022871R0560	1	9.3

KFE0074



OS200BS03

KFE0075



OS200BS03K

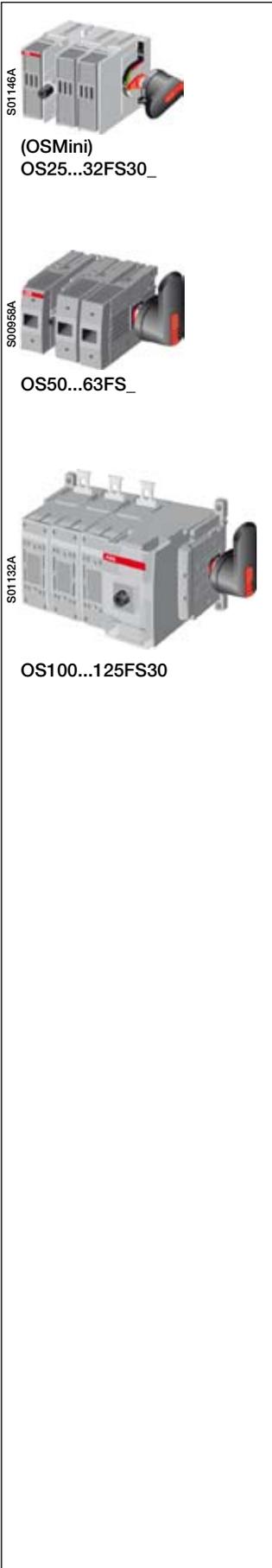
Side operated switch fuses with direct mounted handle

Including terminal bolt kit, a black Test-ON-OFF plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 415/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ Weight type	
						[pcs]	[kg]
200	110/132/200	B1-B2	3	OS200BS03K	1SCA022860R3990	1	3.6
200	110/132/200	B1-B2	3	OS200BS30K	1SCA022870R7850	1	3.6
200	110/132/200	B1-B2	4	OS200BS04N2K	1SCA022870R7690	1	4.5
200	110/132/200	B1-B2	4	OS200BS40N2K	1SCA022870R8230	1	4.5
250	145/170/250	B1-B3	3	OS250BS03K	1SCA022860R4450	1	4.6
250	145/170/250	B1-B3	3	OS250BS30K	1SCA022870R8660	1	4.6
250	145/170/250	B1-B3	4	OS250BS04N2K	1SCA022870R8400	1	5.4
250	145/170/250	B1-B3	4	OS250BS40N2K	1SCA022870R9040	1	5.4
315	180/220/315	B1-B4	3	OS315BS03K	1SCA022860R4880	1	7.5
315	180/220/315	B1-B4	3	OS315BS30K	1SCA022870R9470	1	7.5
315	180/220/315	B1-B4	4	OS315BS04N2K	1SCA022870R9210	1	9.5
315	180/220/315	B1-B4	4	OS315BS40N2K	1SCA022870R9800	1	9.5
400	230/280/400	B1-B4	3	OS400BS03K	1SCA022860R5260	1	7.5
400	230/280/400	B1-B4	3	OS400BS30K	1SCA022871R0210	1	7.5
400	230/280/400	B1-B4	4	OS400BS04N2K	1SCA022871R0050	1	9.5
400	230/280/400	B1-B4	4	OS400BS40N2K	1SCA022871R0640	1	9.5

Terminal bolts included as standard

Switch size	Included terminal bolts
OS200	M8x25
OS250...400	M10x30



Side operated switch fuses

Including terminal bolt kit (OS100...125), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=154...166 mm and 4-pole: H=189...201 mm. Protected tunnel terminals, IP20.

25	11/15/22	10x38	3	OS25FS3010	1SCA022534R1060	1	0.7
25	11/15/22	10x38	4	OS25FS4010N1	1SCA022534R1220	1	0.9
25	11/15/22	10x38	4	OS25FS4010F	1SCA022534R0330	1	0.9
32	15/18.5/22	14x51	3	OS32FS3014	1SCA022534R1810	1	0.7
32	15/18.5/22	14x51	4	OS32FS4014N1	1SCA022534R1900	1	0.9
32	15/18.5/22	14x51	4	OS32FS4014F	1SCA022534R1490	1	0.9

Shaft mounting depths measured from the left side of the switch, 3-pole: H=221...283 mm and 4-pole: H= 266...328 mm. Protected tunnel terminals, IP20.

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm².

50	22/30/37	14x51	3	OS50FS30	1SCA022471R1040	1	1.3
50	22/30/37	14x51	4	OS50FS40N1	1SCA022471R9610	1	1.6
50	22/30/37	14x51	4	OS50FS40F	1SCA022472R1190	1	1.6
63	30/37/55	22x58	3	OS63FS30	1SCA022471R0910	1	1.3
63	30/37/55	22x58	4	OS63FS40N1	1SCA022471R9530	1	1.6
63	30/37/55	22x58	4	OS63FS40F	1SCA022472R0970	1	1.6

Terminal width 15 mm

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm.

100	55/55/90	22x58	3	OS100FS30	1SCA022502R6620	1	1.5
100	55/55/90	22x58	4	OS100FS40N1	1SCA022544R8370	1	1.8
100	55/55/90	22x58	4	OS100FS40N2	1SCA022544R8450	1	1.8
100	55/55/90	22x58	4	OS100FS40F	1SCA022502R6710	1	1.8
125	55/75/110	22x58	3	OS125FS30	1SCA022502R7270	1	1.5
125	55/75/110	22x58	4	OS125FS40N1	1SCA022544R8530	1	1.8
125	55/75/110	22x58	4	OS125FS40N2	1SCA022544R8610	1	1.8
125	55/75/110	22x58	4	OS125FS40F	1SCA022502R7350	1	1.8

Terminal width 20 mm

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm.

100	55/55/90	22x58	3	OS100FS30W	1SCA022547R8010	1	1.5
100	55/55/90	22x58	4	OS100FS40N1W	1SCA022552R5030	1	1.8
100	55/55/90	22x58	4	OS100FS40N2W	1SCA022552R5200	1	1.8
100	55/55/90	22x58	4	OS100FS40FW	1SCA022552R5540	1	1.8
125	55/75/110	22x58	3	OS125FS30W	1SCA022547R2080	1	1.5
125	55/75/110	22x58	4	OS125FS40N1W	1SCA022552R5110	1	1.8
125	55/75/110	22x58	4	OS125FS40N2W	1SCA022552R5380	1	1.8
125	55/75/110	22x58	4	OS125FS40FW	1SCA022552R5460	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS25...32	OSP5X70 - V0	OHB65J5	
OS50...63	OSP6X161	OHB65J6	
OS100...125	OSP6X161	OHB65J6	M6X20
OS100_W...125_W	OSP6X161	OHB65J6	M8X25

F = Fused neutral

N1 = Non-fused neutral on the left side

N2 = Non-fused neutral on the right side



Side operated switch fuses, Neozed-types

Including a handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated current AC-20...23 ≤ 690V [A]	Rated power AC-23 400/500/690V [kW]	Fuse size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=154...166 mm and 4-pole: H=189...201 mm. Protected tunnel terminals, IP20.

16	7.5/7.5/11	DO 1 ¹⁾	3	OS16DS3001	1SCA022557R6020	1	0.7
16	7.5/7.5/11	DO 1 ¹⁾	4	OS16DS4001N1	1SCA022557R6110	1	0.9
16	7.5/7.5/11	DO 1 ¹⁾	4	OS16DS4001F	1SCA022557R6290	1	0.9
35	15/22/30	DO 2	3	OS35DS3002	1SCA022557R6370	1	0.7
35	15/22/30	DO 2	4	OS35DS4002N1	1SCA022557R6450	1	0.9
35	15/22/30	DO 2	4	OS35DS4002F	1SCA022557R6530	1	0.9

Side operated fusible disconnect switches, UL- and CSA-types

Including terminal bolt set (OS100), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Fuse standards UL 198C.

Ampere rating [A]	Horse power ratings 3 phase 208/480/600V [HP]	Fuse type, size	Number of poles	Type	Order number	Units/ type [pcs]	Weight [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=154...166 mm and 4-pole: H= 189...201 mm. Protected tunnel terminals, IP20.

30	7.5/15/20	CC, 30A3	3	OS30ACCS30P	1SCA022533R7110	1	0.7
30	7.5/15/20	J, 30A	3	OS30AJS30P	1SCA022533R7970	1	0.7

Including a black handle OHB65J6, with I-0 and ON-OFF -indication (IP65) and a shaft OXP161x6 (length 161mm). Mounting depths measured from the left side of the switch, 3-pole: H=221...283 mm and 4-pole: H= 266...328 mm. Protected tunnel terminals, IP20.

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm², (AWG 14 - 4).

60	15/30/50	J, 60A	3	OS60JS30P	1SCA022471R0580	1	1.3
60	15/30/50	J, 60A	4	OS60JS40N1P	1SCA022471R9880	1	1.6
60	15/30/50	J, 60A	4	OS60JS40FP	1SCA022472R1430	1	1.6

Terminal width 15 mm, terminal bolt kit M6X20

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm.

100	25/60/75	J, 100A	3	OS100JS30P	1SCA022508R3510	1	1.5
100	25/60/75	J, 100A	4	OS100JS40N1P	1SCA022544R8700	1	1.8
100	25/60/75	J, 100A	4	OS100JS40N2P	1SCA022544R8880	1	1.8
100	25/60/75	J, 100A	4	OS100JS40FP	1SCA022544R8960	1	1.8

Terminal width 20 mm, terminal bolt kit M8X25

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm. Include terminal bolt kit M8x25.

100	25/60/75	J, 100A	3	OS100JS30WP	1SCA022547R5510	1	1.5
100	25/60/75	J, 100A	4	OS100JS40N1WP	1SCA022552R5620	1	1.8
100	25/60/75	J, 100A	4	OS100JS40N2WP	1SCA022552R5710	1	1.8
100	25/60/75	J, 100A	4	OS100JS40FWP	1SCA022552R5890	1	1.8

Shafts and handles included as standard

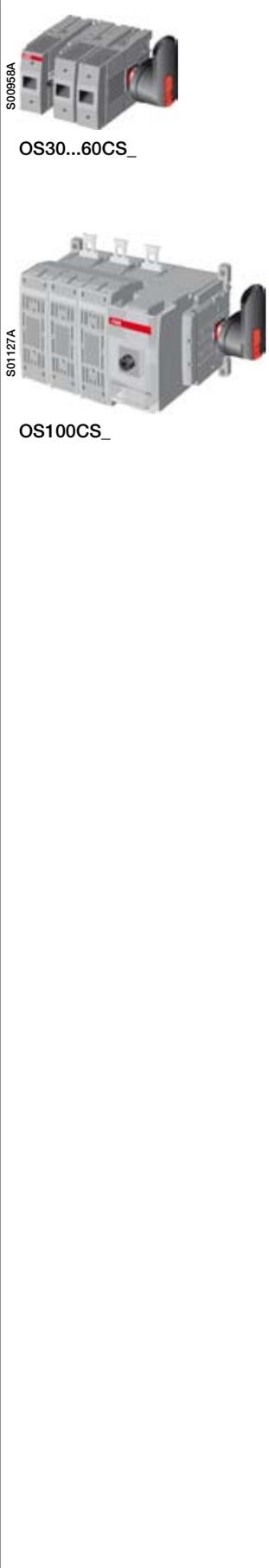
Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS16...35D_ , OS30A_	OSP5X70-V0	OHB65J5	M6X20 M8X25
OS60	OSP6X161	OHB65J6	
OS100	OSP6X161	OHB65J6	
OS100_W	OSP6X161	OHB65J6	

¹⁾ Use Neozed DO2 adaptor ring
F = Fused neutral

N1 = Non-fused neutral on the left side
N2 = Non-fused neutral on the right side



Switch fuses, CSA-types Ordering information



Side operated fusible disconnect switches

Including terminal bolt set (OS100), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Fuse standards CSA CS40.2 No 106.

Ampere rating	Horse power ratings 3 phase 208/480/600V [HP]	Fuse type, size	Number of poles	Type	Order number	Units/ type	Weight [kg]
[A]						[pcs]	

Shaft mounting depths measured from the left side of the switch, 3-pole: H=221...283 mm and 4-pole: H= 266...328 mm. Protected tunnel terminals, IP20.

Terminal shroud OSS63G1 needed for maintaining IP20 rating for wire sizes <10mm², (AWG 14 - 4).

30	7.5/15/20	C, 30A	3	OS30CS30P	1SCA022471R9290	1	1.3
30	7.5/15/20	C, 30A	4	OS30CS40N1P	1SCA022471R9700	1	1.6
30	7.5/15/20	C, 30A	4	OS30CS40FP	1SCA022472R1350	1	1.6
60	15/30/50	C, 60A	3	OS60CS30P	1SCA022471R0310	1	1.3
60	15/30/50	C, 60A	4	OS60CS40N1P	1SCA022471R9450	1	1.6
60	15/30/50	C, 60A	4	OS60CS40FP	1SCA022472R1270	1	1.6

Terminal width 15 mm

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm.

100	25/60/75	C, 100A	3	OS100CS30P	1SCA022508R3420	1	1.5
100	25/60/75	C, 100A	4	OS100CS40N1P	1SCA022544R9000	1	1.8
100	25/60/75	C, 100A	4	OS100CS40N2P	1SCA022544R9180	1	1.8
100	25/60/75	C, 100A	4	OS100CS40FP	1SCA022544R9260	1	1.8

Terminal width 20 mm

Shaft mounting depths measured from the left side of the switch, 3-pole: H=203...327 mm and 4-pole: H= 238...362 mm.

100	25/60/75	C, 100A	3	OS100CS30WP	1SCA022548R1150	1	1.5
100	25/60/75	C, 100A	4	OS100CS40N1WP	1SCA022552R5970	1	1.8
100	25/60/75	C, 100A	4	OS100CS40N2WP	1SCA022552R6010	1	1.8
100	5/60/75	C, 100A	4	OS100CS40FWP	1SCA022552R6600	1	1.8

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS30...60_	OXF6X161	OHB65J6	
OS100	OXF6X161	OHB65J6	M6X20
OS100_W	OXF6X161	OHB65J6	M8X25

F = Fused neutral

N1 = Non-fused neutral on the left side
N2 = Non-fused neutral on the right side

OS20...OS40
(OS mini)

- 1 Switch fuse
- 2 Extended shaft
- 3 Mounting frame for auxiliary contact
- 4 Auxiliary contact
- 5 Fuse monitor
- 6 Neutral link
- 7 Handle knob
- 8 Pistol type handle
- 9 Blown fuse indicator

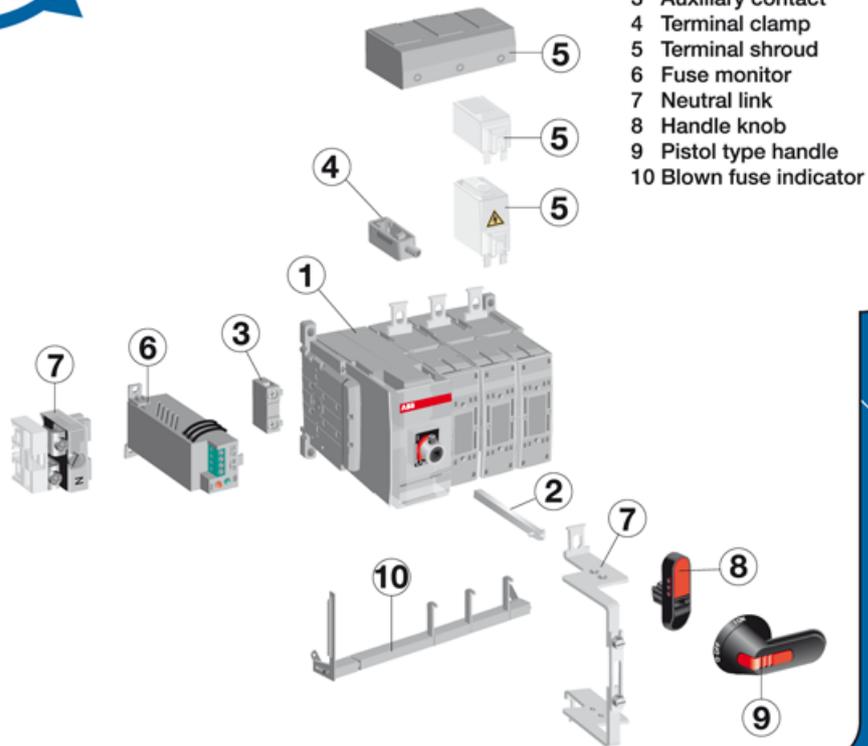
- 1 Switch fuse
- 2 Extended shaft
- 3 Fourth pole
- 4 Auxiliary contact
- 5 Terminal shroud
- 6 Fuse monitor
- 7 Neutral link
- 8 Handle knob
- 9 Pistol type handle
- 10 Blown fuse indicator
- 11 Legend plate

OS30...OS63

- 1 Switch fuse
- 2 Extended shaft
- 3 Mounting frame for auxiliary contact
- 4 Auxiliary contact
- 5 Fuse monitor
- 6 Neutral link
- 7 Handle knob
- 8 Pistol type handle
- 9 Blown fuse indicator

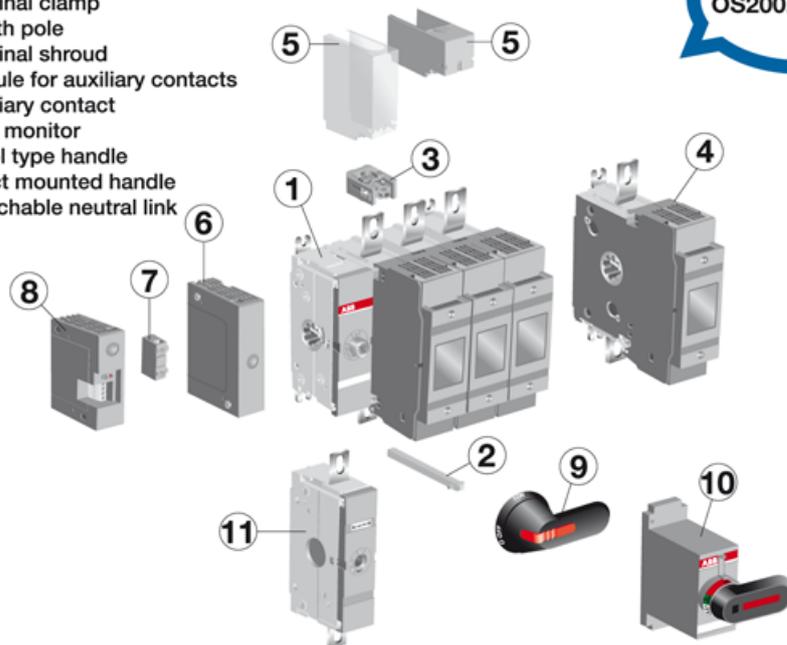
- 1 Switch fuse
- 2 Extended shaft
- 3 Fourth pole
- 4 Auxiliary contact
- 5 Terminal shroud
- 6 Fuse monitor
- 7 Neutral link
- 8 Handle knob
- 9 Pistol type handle
- 10 Blown fuse indicator
- 11 Legend plate

OS100...OS160



- 1 Switch fuse
- 2 Extended shaft
- 3 Terminal clamp
- 4 Fourth pole
- 5 Terminal shroud
- 6 Module for auxiliary contacts
- 7 Auxiliary contact
- 8 Fuse monitor
- 9 Pistol type handle
- 10 Direct mounted handle
- 11 Detachable neutral link

OS200...OS800



S02100A



Optional handles, IP 65

For front operated switch fuses

Padlockable with 3 padlocks in the OFF-position, door interlock in the ON-position. Units/type = 1 pcs. Screw fixing from the back side of the handle, no screws on the front, ensures double protection.

Colour	Handle length [mm]	Type	Order number	Delivery batch [pcs]	Weight /unit [kg]
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For shaft diameter 5 mm (for OS Mini).

Plastic handles, black and red-yellow: I-O/ON-OFF, grey: I-O.

Black	65	OHB65J5	1SCA022380R9070	100	0.12
Red-yellow	65	OHY65J5	1SCA022380R9230	100	0.12
Grey	65	OHG65J5	1SCA022380R9150	100	0.12

Plastic handles, black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.

Black	65	OHB65J5T	1SCA022382R9340	100	0.12
Red-yellow	65	OHY65J5T	1SCA022429R0940	100	0.12
Grey	65	OHG65J5T	1SCA022556R2070	100	0.12

For shaft diameter 6 mm (for OS30...250).

Plastic handles, black and red-yellow: I-O/ON-OFF, grey: I-O.

Black	65	OHB65J6	1SCA022380R9660	100	0.12
Red-Yellow	65	OHY65J6	1SCA022380R9820	100	0.12
Grey	65	OHG65J6	1SCA022380R9740	100	0.12

Plastic handles, black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.

Black	65	OHB65J6T	1SCA022399R8110	100	0.12
Red-Yellow	65	OHY65J6T	1SCA022456R9540	100	0.12
Grey	65	OHG65J6T	1SCA022456R9620	100	0.12

For shaft diameter 12 mm (for OS315...400)

Plastic handles, black and red-yellow: I-O/ON-OFF, grey: I-O.

Black	95	OHB95J12	1SCA022381R0830	90	0.16
Red-Yellow	95	OHY95J12	1SCA022381R1050	90	0.16
Grey	95	OHG95J12	1SCA022381R0910	90	0.16

For shaft diameter 12 mm (for OS630...800).

Plastic handles, black and red-yellow: I-O/ON-OFF, grey: I-O.

Black	125	OHB125J12	1SCA022381R1560	90	0.16
Red-Yellow	125	OHY125J12	1SCA022381R1720	90	0.16
Grey	125	OHG125J12	1SCA022381R1640	90	0.16

Black	145	OHB145J12	1SCA022381R2110	90	0.17
Red-Yellow	145	OHY145J12	1SCA022381R2370	90	0.17
Grey	145	OHG145J12	1SCA022381R2290	90	0.17

Black	175	OHB175J12	1SCA022381R2450	90	0.18
Red-yellow	175	OHY175J12	1SCA022381R2700	90	0.18
Grey	175	OHG175J12	1SCA022381R2610	90	0.18

Black	275	OHB275J12	1SCA022381R2960	90	0.20
Red-yellow	275	OHY275J12	1SCA022381R3180	90	0.20
Grey	275	OHG275J12	1SCA022381R3000	90	0.20

Plastic handles, indication I - O - II, padlockable with 3 padlocks in the O- position, door interlock in the I- or II- positions.

Black	145	OHB 145J12E011	1SCA022399R8530	90	0.17
Red-yellow	145	OHY 145J12E011	1SCA022460R7060	90	0.17
Grey	145	OHG 145J12E011	1SCA022460R7140	90	0.17

Black	175	OHB 175J12E011	1SCA022459R9700	90	0.18
Red-yellow	175	OHY 175J12E011	1SCA022461R1920	90	0.18
Grey	175	OHG 175J12E011	1SCA022461R2060	90	0.18

Metallic handles, padlockable with 3 padlocks in OFF-position, door interlock in the ON-position.

Black 1-0	220	YASDA 7	1SCA022071R3010	1	0.70
Black ON-OFF	220	YASDA 8	1SCA022071R3270	1	0.70
Black I-0-II	220	YASDA 21	1SCA022098R9420	1	0.70
Black I-0-II	320	YASDA 6	1SCA022071R2890	1	0.80

Stainless steel handles, indication I-O/ON-OFF, padlockable with 3 padlocks in the OFF-position, door interlock in the ON-position, IP66 (NEMA 4X)

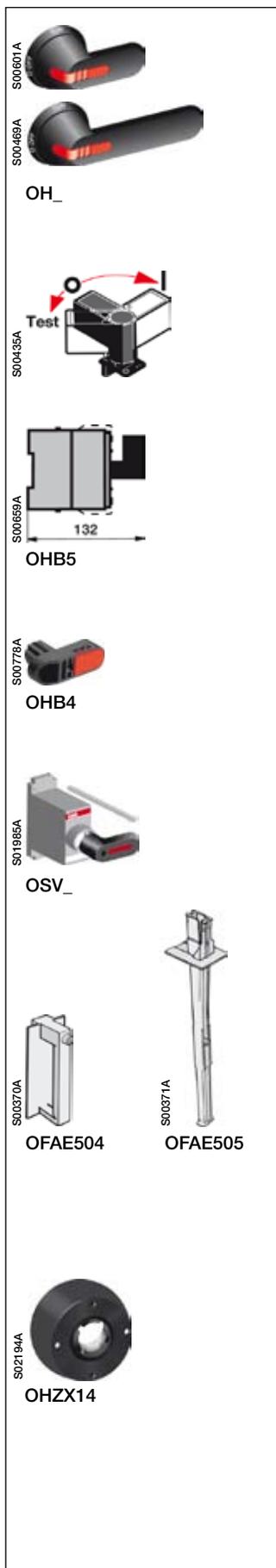
For shaft diameter 6 mm

Grey	65	OHM65L6	1SCA022739R1070	1	0.73
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For shaft diameter 12 mm

Grey	125	OHM125L12	1SCA022739R1150	1	0.76
Grey	175	OHM175L12	1SCA022739R1230	1	0.83
Grey	275	OHM275L12	1SCA022832R4840	1	0.96

- Door interlocking in the ON-position means that the door cannot be opened, when the handle is in the ON-position. This can be defeated to allow authorized personnel access for inspection.
- Handles padlockable in all positions are available on request.



Optional handles

For side operated switch fuses, IP 65

For mounting on the side of the enclosure. Padlockable with three padlocks in the OFF-position, door interlock in the ON-position, IP 65. The position indications are rotated 90°. If the handle is mounted on the front of the door, a standard handle can be used as well.

Colour	Handle length [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
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For shaft diameter 5 mm (for OS Mini)

Plastic handles, black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.

Black	65	OHB65J5TE00S	1SCA022382R9180	1	0.12
Red-yellow	65	OHY65J5TE00S	1SCA022556R8510	1	0.12
Grey	65	OHG65J5TE00S	1SCA022556R2150	1	0.12

For shaft diameter 6 mm (for OS30...160)

Plastic handles, black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.

Black	65	OHB65J6TE001S	1SCA022532R2190	1	0.12
Red-yellow	65	OHY65J6TE001S	1SCA022532R2270	1	0.12
Grey	65	OHG65J6TE001S	1SCA022532R2350	1	0.12

For shaft diameter 6 mm (for OS200...250)

Plastic handles, indication I-O and ON-OFF.

Black	65	OHB65J6	1SCA022380R9660	100	0.12
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For shaft diameter 12 mm (for OS315...400)

Plastic handles, indication I-O and ON-OFF.

Black	95	OHB95J12	1SCA022381R0830	90	0.16
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Direct mounted handles

Plastic handles, panel board handle, can be padlocked in the O-position. Includes a special shaft. The handle can also be used with a standard shaft as padlocking device.

For front operated OS Mini

Indication I-O/ON-OFF/TEST. Handle padlockable with 2 padlocks in the O- and Test-positions when the door is open. Max. bail dia 8 mm.

Black	OHB5	1SCA022192R9220	1	0.05
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For side operated OS Mini and front operated OS 30...160

Padlockable with three padlocks in the O- position when the door is open. Max. bail dia 6 mm.

Black	OHB4	1SCA022439R4050	1	0.05
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For front operated OS 200...400

Test OFF-ON/Test O-I indication

Padlockable with three padlocks in the OFF-position. Includes shaft and mechanism cover.

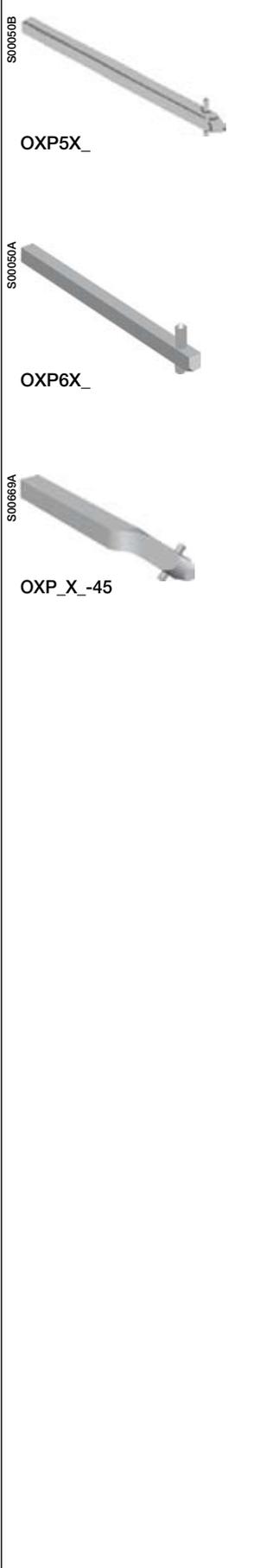
Suitable for switches	Colour	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200D...250D/B_K	Black	OSV250DK	1SCA022763R3510	1	0.16
	Yellow-red	OSVY250DK	1SCA022778R6500	1	0.16
OS200B_K	Black	OSV200BK	1SCA022779R7530	1	0.14
	Yellow-red	OSVY200BK	1SCA022779R7700	1	0.14
OS400D_K	Black	OSV400DK	1SCA022763R4230	1	0.34
	Yellow-red	OSVY400DK	1SCA022779R5590	1	0.34
OS315...400B_K	Black	OSV400BK	1SCA022763R3930	1	0.33
	Yellow-red	OSVY400BK	1SCA022779R5830	1	0.33

Fuse replacement handles

For DIN-fuse sizes	Description	Type	Order number	Units/ type [pcs]	Weight [kg]
000,00,1,2,3	Compact	OFAE 504	1SCA022007R6880	1	0.16
000,00,1,2,3	690 V	OFAE 505	1SCA022137R0770	1	0.80

Extension ring for pistol type handles

Colour	Suitable for handles	Type	Order number	Delivery batch [pcs]	Weight unit [kg]
Black	OHB_	OHZX14	1SCA022851R6590	1	0.06



Extended shafts

Units/type = 1 piece



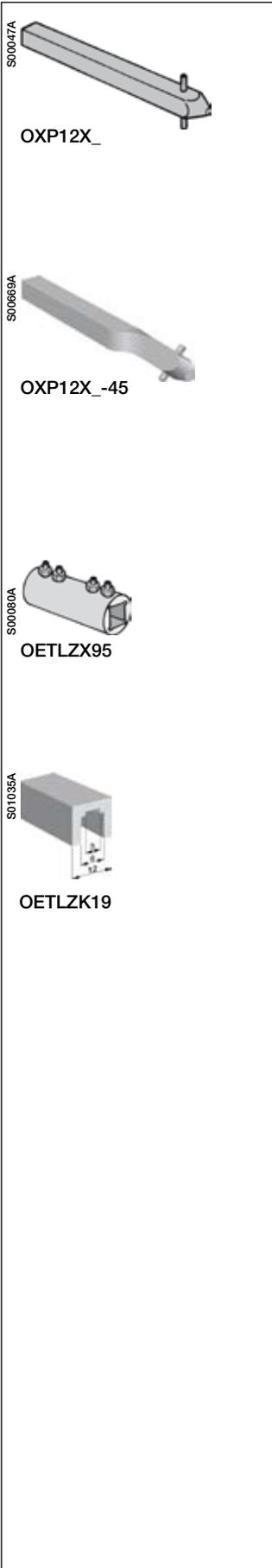
Shaft length (mm)	Front operated H / mm	Side operated H / mm	Type	Order number	Delivery batch [pcs]	Weight /unit [kg]
For OS 16...35 (Mini) ²⁾, shaft diameter 5 mm						
150	135...210	154...166	OSP5X150 ³⁾	1SCA022376R7300	10	0.05
170	155...230	174...186	OSP5X170	1SCA022376R7480	10	0.05
265	380...460	269...281	OSP5X265	1SCA022376R7560	10	0.08
400	380...460	404...416	OSP5X400	1SCA022376R7640	10	0.12
150	135...210	154...166	OSP5X150-45 ¹⁾	1SCA022474R1970	10	0.05
170	155...230	174...186	OSP5X170-45 ¹⁾	1SCA022474R2270	10	0.05
265	380...460	269...281	OSP5X265-45 ¹⁾	1SCA022474R2010	10	0.08
400	380...460	404...416	OSP5X400-45 ¹⁾	1SCA022474R2190	10	0.12
For OS 40 (Mini) ²⁾, shaft diameter 5 mm						
150	135...210	235...243	OSP5X150 ³⁾	1SCA022376R7300	10	0.05
170	155...230	255...363	OSP5X170	1SCA022376R7480	10	0.05
265	250...325	352...360	OSP5X265	1SCA022376R7560	10	0.08
400	385...460	487...495	OSP5X400	1SCA022376R7640	10	0.12
150	135...210	235...243	OSP5X150-45 ¹⁾	1SCA022474R1970	10	0.05
170	155...230	255...363	OSP5X170-45 ¹⁾	1SCA022474R2270	10	0.05
265	250...325	352...360	OSP5X265-45 ¹⁾	1SCA022474R2010	10	0.08
400	385...460	487...495	OSP5X400-45 ¹⁾	1SCA022474R2190	10	0.12
For OS 30...63 ⁴⁾, shaft diameter 6 mm						
150	130...249	210...272	OSP6X150	1SCA022295R5600	10	0.05
161	141...260	221...283	OSP6X161 ³⁾	1SCA022067R1760	10	0.05
210	190...309	270...332	OSP6X210	1SCA022295R6080	10	0.06
290	270...389	350...412	OSP6X290	1SCA022042R6370	10	0.08
360	340...459	420...482	OSP6X360	1SCA022042R6530	10	0.10
430	410...529	490...552	OSP6X430	1SCA022056R6030	10	0.12
210	190...309	270...332	OSP6X210-45 ¹⁾	1SCA022294R4230	10	0.06
290	270...389	350...412	OSP6X290-45 ¹⁾	1SCA022304R4290	10	0.08
360	340...459	420...482	OSP6X360-45 ¹⁾	1SCA022341R4640	10	0.10
For OS 100...160 ⁴⁾, shaft diameter 6 mm						
150	140...252	202,5...316	OSP6X150	1SCA022295R5600	10	0.05
161	140...263	202,5...327	OSP6X161 ³⁾	1SCA022067R1760	10	0.05
210	189...312	206...376	OSP6X210	1SCA022295R6080	10	0.06
290	269...392	286...456	OSP6X290	1SCA022042R6370	10	0.08
360	339...462	345...515	OSP6X360	1SCA022042R6530	10	0.10
430	409...532	415...585	OSP6X430	1SCA022056R6030	10	0.12
210	189...312	206...376	OSP6X210-45 ¹⁾	1SCA022294R4230	10	0.06
290	269...392	286...456	OSP6X290-45 ¹⁾	1SCA022304R4290	10	0.08
360	339...462	345...515	OSP6X360-45 ¹⁾	1SCA022341R4640 ¹⁾	10	0.10
For OS 200...250 DIN-type, shaft diameter 6 mm						
161	160...205		OSP6X161	1SCA022067R1760	10	0.05
210	189...254		OSP6X210 ³⁾	1SCA022295R6080	10	0.06
290	269...334		OSP6X290	1SCA022042R6370	10	0.08
For OS 200...250 BS-type, shaft diameter 6 mm						
161	140...205		OSP6X161	1SCA022067R1760	10	0.05
210	189...254		OSP6X210 ³⁾	1SCA022295R6080	10	0.06
290	269...334		OSP6X290	1SCA022042R6370	10	0.08

¹⁾ The shaft position is rotated 45 degrees

³⁾ Included as standard

²⁾ Side operated, 4-pole: add 36 mm

⁴⁾ Side operated, 4-pole: OS 30...63: add 45 mm, OS 100...160: add 35 mm



Extended shafts



Shaft length (mm)	Front operated H / mm	Type	Order number	Units/ type [pcs]	Weight [kg]
For OS 315...400_P, shaft diameter 12 mm					
250	230...325	OXP12X250 ²⁾	1SCA022325R6980	1	0.30
280	260...355	OXP12X280	1SCA022137R5140	1	0.30
325	305...400	OXP12X325	1SCA022042R5810	1	0.36
395	375...470	OXP12X395	1SCA022042R5990	1	0.43
465	445...540	OXP12X465	1SCA022042R6020	1	0.51
535	515...610	OXP12X535	1SCA022042R6110	1	0.59
For OS 630...800, shaft diameter 12 mm					
280	258...382	OXP12X280 ²⁾	1SCA022137R5140	1	0.30
325	303...427	OXP12X325	1SCA022042R5810	1	0.40
395	373...497	OXP12X395	1SCA022042R5990	1	0.50
465	443...567	OXP12X465	1SCA022042R6020	1	0.60
535	513...637	OXP12X535	1SCA022042R6110	1	0.70
280	258...382	OXP12X280-45 ¹⁾	1SCA022382R0800	1	0.30
325	303...427	OXP12X325-45 ¹⁾	1SCA022304R4450	1	0.40

Shaft extension socket

For extending the shaft of combination attachment.

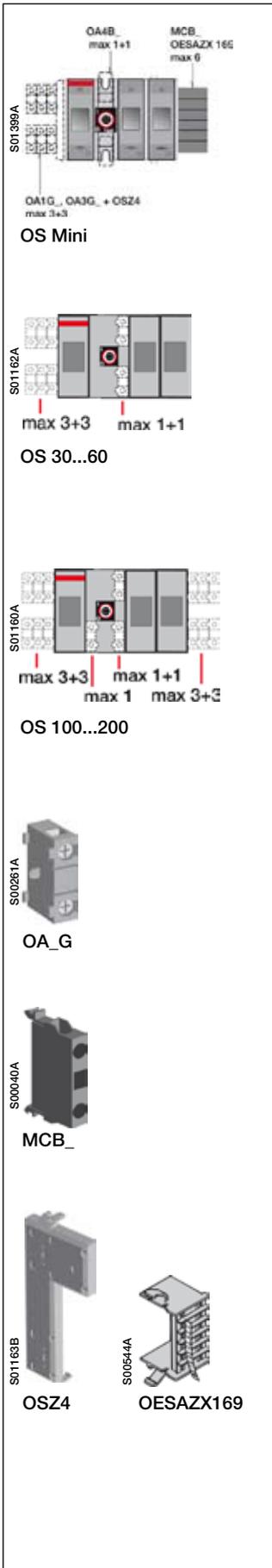
Suitable for shaft with diameter [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
12	OETLZX95	1SCA022083R5620	1	0.04

Adapters for extension socket

Adapters to place inside of OETLZX 95 to connect shafts of different sizes.

5/6	OETLZK19	1SCA022093R1850	1	0.02
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¹⁾ The shaft position is rotated 45 degrees
²⁾ Included as standard



Auxiliary contacts

Description	Type	Order number	Units/type [pcs]	Weight [kg]
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Auxiliary contacts for OS Mini

Mounting to the switch mechanism, auxiliary/test contacts. Max. two change over contacts.

Change over contacts

Handle position	Main contacts	Aux. / Test contacts N.O.	Type	Order number	Units/type	Weight
Test 0	open	closed	OA4B1C	1SCA022193R0150	1	0.03
I	open	open				
	closed	closed				

Single pole contacts > 3 mm contact gap.

1 NO		1	OA4B10	1SCA022276R9050	1	0.03
1 NC		2	OA4B01	1SCA022276R9210	1	0.03

Mounting on the side of the switch with aux.contact frame OESAZX 169.

1 NO		1	MCB-10	1SCA022150R5110	1	0.03
1 NC		2	MCB-01	1SCA022150R5370	1	0.03

Auxiliary contacts for OS Mini and for OS 30...160

Snap-on mounting on the switch, IP20.

Early-break type. All NO contacts are provided with a positive opening feature. Units/type = 1 piece.

Description	Suitable for	Type	Order number	Delivery batch [pcs]	Weight /unit [kg]
1 NO	All	OA1G10	1SCA022353R4970	10	0.03
1 NC	All	OA3G01	1SCA022456R7410	10	0.03
1 NO	OS 30...63	OA5G10	1SCA022660R2760	10	0.03
1 NC	OS 30...63	OA6G01	1SCA022670R4500	10	0.03

For OS Mini:

Max. 6 auxiliary contacts mountable onto the left side with the mounting frame OSZ4.

For OS 30...63:

Max. 9 auxiliary contacts mountable onto the left side, of which 3 contacts can be used as test indication contacts. NO test indication contact is OA5G10 and NC test indication contact is OA6G10.

No frames needed. Max. 2 auxiliary contacts mountable between the poles, which can be used as Test-contacts.

For OS 100...160:

Max. 6 auxiliary contacts per switch side mountable on to the side (OS100...160 B_: The left side is used for 3 Test-contacts and 3 Test-indication contacts). No frames needed. Max. 3 auxiliary contacts mountable between the poles, of which two contacts can be used as Test-contacts and one contact is used as Test -indication contact.

Function charts for OS 30...160	Between poles				Side of Switch			
	Handle position	Main contacts	Aux. / Test contacts N.O.	Test indication ¹⁾ contact N.O.	Handle position	Main contacts	Aux. / Test contacts N.O.	Test indication ²⁾ contacts N.O.
	Test 0	open	closed	closed	closed	Test 0	open	open
I	open	open	open	open	I	open	open	open
	closed	closed	closed	open		closed	closed	open

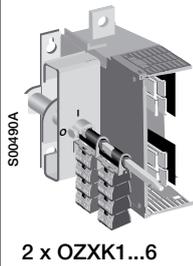
1) Only in types OS 100...160

2) In types OS 30...63 and OS 100...160B

Mounting frames for auxiliary contacts of OS Mini

Frame for auxiliary contacts OA1G10 and OA3G01 and for fuse monitor. Max. 6 auxiliary contacts can be fitted.

	Type	Order number	Units/type [pcs]	Weight [kg]
Mounting on the left side of the switch	OSZ4	1SCA022530R0200	1	0.06
Frame for MCB_ auxiliary contacts. Not suitable for side operated switches. Max. 6 auxiliary contacts can be fitted.	OESAZX169	1SCA022196R9360	1	0.06



Auxiliary contacts

Auxiliary contacts for OS 200...800

Mounting on the left side of the switch: Max. 8 auxiliary contact blocks with the OEA28 module.
 Mounting under the mechanism cover: - OS200...250: Max 4 test contacts or 2 test contacts + 2 test indication contacts. - OS315...800: Max 4 test contacts and 4 test indication contacts.
 The test contacts can be used as standard auxiliary contacts as well. Auxiliary contacts for 3 + N types only with the OEA28 module.

Suitable for switches	Description	Protection degree	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200...800	1NO	IP20	OA1G10	1SCA022353R4970	1	0.03
	1NC	IP20	OA3G01	1SCA022456R7410	1	0.03
Module for auxiliary contacts Screw mounting to the left side of the switch			OEA28	1SCA022714R8810	1	0.04

Auxiliary contacts for OES 600...800

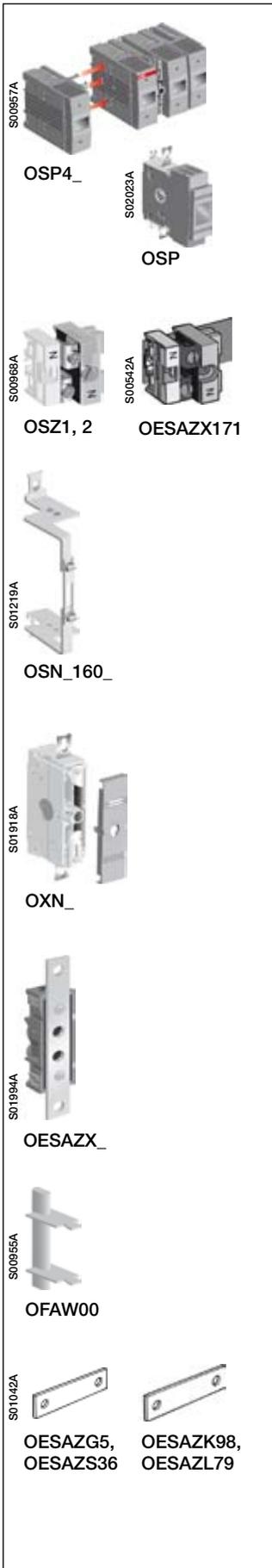
OES 600...800		1NO+1NC	OZ XK1	1SCA022131R8690	1	0.09
OES 600...800		2NO+2NC	OZ XK2	1SCA022131R8850	1	0.12
OES 600...800		4NO+4NC	OZ XK3 ¹⁾	1SCA022131R9070	1	0.17
OES 600...800		2NO	OZ XK4	1SCA022131R9230	1	0.09
OES 600...800		4NO	OZ XK5	1SCA022131R9400	1	0.12
OES 600...800		8NO	OZ XK6 ²⁾	1SCA022131R9660	1	0.17

Performance data for auxiliary contacts according to IEC 60947-5-1

OA4B1C		OA4B10, OA4B01		MCB_		For OA1G_, OA3G_, OA5G_, OA6G ³⁾					For OZ XK ⁴⁾			
AC15 Ue/le	DC12 Ue/le	AC15 Ue/le	DC12 Ue/le	AC15 Ue/le	DC13 Ue/le	Ue/[V]	AC15 le/[A]	Ue/[V]	DC12 le/[A]	DC13 le/[A]	AC12 Ue/[V]	le/[A]	DC12 Ue/[V]	le/[A]
250V/3A	24V/6A	250V/5A	24V/6A	120V/8A	125V/1.1	230	6	24	10	2	120	8	125	1.1
440V/2A	250V/0.1A	440V/2A	250V/0.1A	230V/6A		400	4	72	4	0.8	240	6	250	0.55
				400V/4A		415	4	125	2	0.55	400	4	440	0.31
				690V/2A		690	2	250	0.55	0.27	415	4	500	0.27
								440	0.1		480	3	600	0.2
											500	3		
											690	2		

¹⁾ 8no + 8nc = 2 x OZ XK 3
²⁾ 16no = 2 x OZ XK 6

³⁾ Cable cross section 0.75...2 x 2.5 mm²
⁴⁾ Cable cross section 0.5...2 x 2.5 mm²



Fourth Poles

Snap-on mounting to the side of the switch.

Suitable for 3-pole switches	Mounting side	Type	Order number	Units/type [pcs]	Weight [kg]
Fusable 4. poles					
OS32D_, OS63D_	Left	OSP4D	1SCA022472R7630	1	0.36
OS32B_, OS63B_	Left	OSP4B	1SCA022472R7980	1	0.36
OS50F_	Left	OSP4F14	1SCA022472R8280	1	0.36
OS63F_	Left	OSP4F22	1SCA022472R8360	1	0.36
OS30C_, OS60C_	Left	OSP4C	1SCA022472R8010	1	0.36
OS60J_	Left	OSP4J	1SCA022472R8100	1	0.36
OS200B	Left/right	OSP200B	1SCA022735R9180	1	1.20
OS200D	Left/right	OSP200D	1SCA022735R8960	1	1.20
OS250B	Left/right	OSP250B	1SCA022770R4030	1	1.20
OS250D	Left/right	OSP250D	1SCA022735R9340	1	1.20
OS315B...400B	Left/right	OSP400B	1SCA022770R3140	1	2.00
OS400D	Left/right	OSP400D	1SCA022770R3220	1	2.00
OS630...800	Left/right	OSP800D	1SCA100433R1001	1	4.20
OS630...800	Left/right	OSP800B	1SCA100434R1001	1	4.20
Switched 4. poles					
OS30...OS63_	Left	OSP4N	1SCA022472R7710	1	0.36
OS200_	Left/right	OSP200N	1SCA022735R8700	1	1.20
OS250_	Left/right	OSP250N	1SCA022735R9260	1	1.20
OS400_	Left/right	OSP400N	1SCA022770R3490	1	1.20
OS630...800	Left/right	OSP800N	1SCA100432R1001	1	4.40

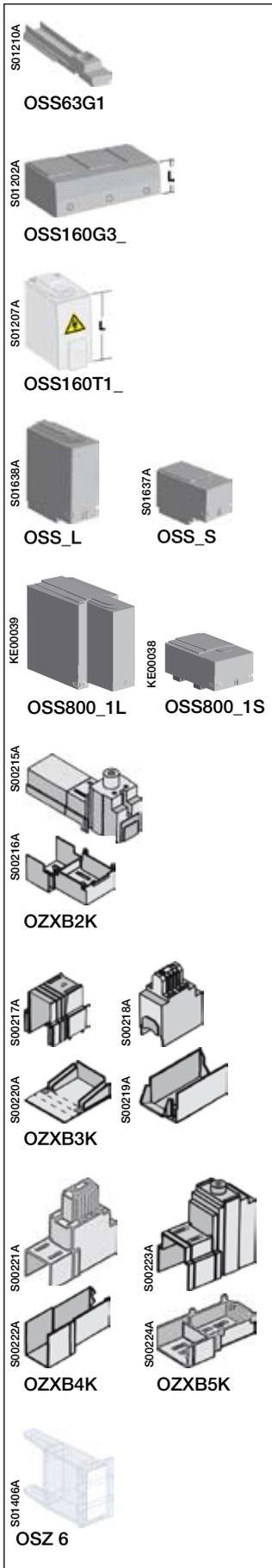
Neutral links

Max. wire	H/W/D [mm]	Mounting holes	Type	Order number	Units/type [pcs]	Weight [kg]
For OS Mini and OS 32...63						
Detachable, mounting on the side of the switch, on the mounting plate or DIN-rail.						
16 mm ² Cu	39/41/40	ø 4.2, distance 32	OESAZX171	1SCA022197R2580	1	0.15
For OS 30...160						
Detachable, mounting onto the base plate or DIN-rail.						
16 mm ² Cu	39/41/40	ø 4.2, distance 32	OSZ1	1SCA022481R3710	1	0.06
35 mm ² Cu	39/44/45	ø 4.2, distance 35	OSZ2	1SCA022481R3800	1	0.07
For OS 100...160						
Detachable, mounting on the top of the mechanism. N-terminal distance to L1-terminal = identical to phase-to-phase terminal distance. Terminal bolt kit included.						
Terminal width 15 mm			OSN 160	1SCA022560R2390	1	0.16
Terminal width 20 mm			OSN 160W	1SCA022561R0810	1	0.16
For OS 200...800						
Mounting with screws (included) onto either side of the switch or on the base plate.						
OS200...250			OXN250	1SCA022752R9950	1	0.40
OS315...400			OXN400	1SCA022770R3060	1	0.70
OS630...800			OXN800S	1SCA022831R4880	1	1.20

I _{th} [A]	Terminal size (WxD) [mm]; bolt size	Type	Order number	Units/type [pcs]	Weight [kg]
Mounting separately to the base plate					
250	12x3 ø 6,5	OESAZX 162	1SCA022193R0400	1	0.12
315	20x3 ø 9	OESAZX 164	1SCA022202R9520	1	0.10
400	25x4 ø 11	OESAZX 165	1SCA022202R9790	1	0.12
1000	40x5 M12	OESAZX 160	1SCA022186R3960	1	1.00

Solid links

Suitable for	Type	Order number	Units/type [pcs]	Weight [kg]
OS 20B... OS 32B (OS mini)	OESAZG98	1SCA022354R9650	1	0.01
OS 32D... OS 160D	OFAW00	1SCA022003R9680	1	0.08
OS 32B... OS 100B	OESAZG5	1SCA022057R1380	1	0.02
OS 125B...OS 160B	OESAZS36	1SCA022044R4600	1	0.02
OS 200...400 B	OESAZK98	1SCA022067R7370	1	0.24
OS 630 B, 800 B	OESAZL79	1SCA022067R7110	1	0.64
OS 250 D	OFAW1	1SCA022003R9760	1	0.15
OS 400 D	OFAW2	1SCA022003R9840	1	0.24
OS 630/800 D	OFAW3	1SCA022003R9920	1	0.28



Terminal shrouds

Suitable for switches	Description (L/mm)	Type	Order number	Units/type [pcs]	Weight [kg]
An optional single pole shroud is needed for maintaining IP20 rating for wire sizes <10 mm ² . One package is needed for full protection (3-pole switches). Snap-on fitting.					
OS 30...63		OSS63G1	1SCA022533R6730	6	0.02
Single pole terminal shroud, IP20. Snap-on fitting provided with knock-outs. For cable lug connections. Transparent.					
OS 100...160	67.5	OSS160T1	1SCA022502R8830	1	0.02
Three pole terminal shroud, IP20. Snap on fitting provided with knock-outs. Suitable for types ...03 or ...30. Grey.					
OS 100...160	34	OSS160G3	1SCA022556R1420	1	0.04
Single pole terminal shroud, IP20. Snap-on fitting provided with knock-outs. Low type. Transparent.					
OS 100...160	34	OSS160T1L	1SCA022556R1260	1	0.02
Pack of single pole terminal shrouds, snap-on mounting, grey plastic, IP 3X. Transparent shrouds available on request.					
OS 200	Long type	OSS200G1L/3	1SCA022731R8910	3	0.09
	Short type	OSS200G1S/3	1SCA022732R0130	3	0.06
	Long type	OSS200G1L/4	1SCA022731R9040	4	0.12
	Short type	OSS200G1S/4	1SCA022732R0050	4	0.08
OS 250	Long type	OSS250G1L/3	1SCA022731R9390	3	0.09
	Short type	OSS250G1S/3	1SCA022731R9550	3	0.06
	Long type	OSS250G1L/4	1SCA022731R9470	4	0.12
	Short type	OSS250G1S/4	1SCA022731R9630	4	0.08
OS 315...400	Long type	OSS400G1L/3	1SCA022776R6650	3	0.18
	Short type	OSS400G1S/3	1SCA022776R6900	3	0.10
	Long type	OSS400G1L/4	1SCA022776R6730	4	0.25
	Short type	OSS400G1S/4	1SCA022776R7030	4	0.15
OS 630...800	Long type	OSS800G1L/3	1SCA022776R7200	3	0.008
	Short type	OSS800G1S/3	1SCA022776R7540	3	0.008
	Long type	OSS800G1L/4	1SCA022776R7380	4	0.012
	Short type	OSS800G1S/4	1SCA022776R7460	4	0.012

Terminal shrouds suitable for mechanisms with detachable wrapped neutral (N3 versions).

OS200...250_N3_		OTS250G1L	1SCA022715R5340	1	0.03
		OTS250G1S	1SCA022715R5260	1	0.02
OS315...400_N3_		OSS250G1L	1SCA022727R5080	1	0.03
		OSS250G1S	1SCA022727R4940	1	0.02
OS630...800_N3_		OTS800G1L	1SCA022776R7710	1	0.10
		OTS800G1S	1SCA022776R8010	1	0.06

Single pole terminal shroud for terminal clamps, snap-on mounting, transparent plastic, IP 2X.

Suitable for terminal clamps	Type	Order number	Units/type [pcs]	Weight [kg]
OZXB2, 2L	OZXB2K	1SCA022264R0010	1	0.05
OZXB3, 4	OZXB3K	1SCA022264R0440	1	0.20
OZXB5, 6	OZXB4K	1SCA022199R2850	1	0.24
OZXB7, 7L	OZXB5K	1SCA022283R8040	1	0.13

Legend plate

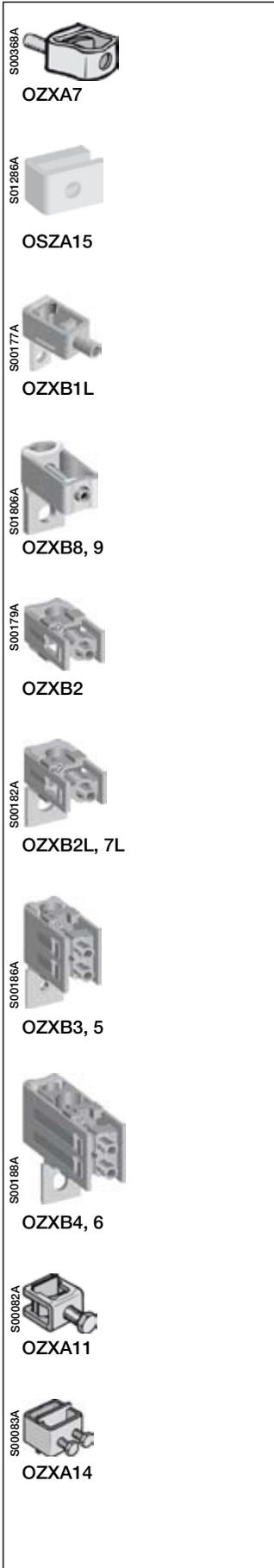
Mounted into the mounting holes of the auxiliary contacts in the mechanism. Prevents access to live parts through the switch board door.

Suitable for switches	Type	Order number	Units/type [pcs]	Weight [kg]
OS 30...63	OSZ6	1SCA022637R6220	2	0.002

Protection plug

Rubber plug that prevents touching of terminal screws when the fuse cover is removed. Order quantity minimum six pieces.

OS 30...63	OSS63B1	1SCA022645R8460	1	0.02
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Connecting accessories

Suitable for switches	Cable cross section [mm ²]	Type	Order number	Units/type [pcs]	Weight [kg]
Terminal clamp set for Cu-cables, terminal width 15 mm					
OS100...160	1,5...10	OZXA16	1SCA022024R4340	6	0.08
	10...70	OZXA7	1SCA022052R2760	6	0.15

Terminal clamp sets for Al/Cu-cables, terminal width: 15 mm (OZXB 1), 20 mm (OZXB 2)					
OS100...160	10...70	OZXB1	1SCA022169R2030	3	0.11
	25...120	OZXB2	1SCA022119R7610	3	0.34

Connection kit between OS 100...160 and ABB type A 145...185 contactors
The kit includes three tin coated adapter pieces, M8x30 screws and washers.

Suitable for OS-types:

-03, -04, -30,
-13N1, -31N2.

OZXA15	1SCA022509R0120	1	0.17
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Terminal clamp sets for Al- and Cu-cables

Suitable for switches	Cable cross section [mm ²]	Suitable shroud	Type	Order number	Units/type [pcs]	Weight [kg]
OS 200	10...70	OSS200_L	OZXB 1L	1SCA022169R2030	3	0.15
	10...70	OSS200_L	OZXB 1L/1	1SCA022194R0030	1	0.05
	25...120	OZXB2K	OZXB 2	1SCA022119R7610	3	0.34
	25...120	OZXB2K	OZXB 2/1	1SCA022194R0200	1	0.12
	25...120	OZXB2K	OZXB 2L	1SCA022158R7750	3	0.42
	25...120	OZXB2K	OZXB 2L/1	1SCA022194R0460	1	0.14
	95...185	OSS200_L	OZXB8	1SCA022744R1510	3	0.50
	95...185	OSS200_L	OZXB8/1	1SCA022744R1600	1	0.17
	95...240	OSS200_L	OZXB9	1SCA022750R3210	3	0.50
	95...240	OSS200_L	OZXB9/1	1SCA022750R3300	1	0.17
OS 250	25...120	OZXB2K	OZXB 2L	1SCA022158R7750	3	0.42
	25...120	OZXB2K	OZXB 2L/1	1SCA022194R0460	1	0.14
	95...185	OZXB3K	OZXB 3	1SCA022136R8100	3	1.30
	95...185	OZXB3K	OZXB 3/1	1SCA022194R0620	1	0.44
	2x(95...185)	OZXB3K	OZXB 4	1SCA022137R4760	3	1.70
	2x(95...185)	OZXB3K	OZXB 4/1	1SCA022194R0890	1	0.57
	120...300	OZXB4K	OZXB 5	1SCA022137R2470	3	2.30
	120...300	OZXB4K	OZXB 5/1	1SCA022194R1010	1	0.77
	120...240	OZXB5K	OZXB 7L	1SCA022185R7130	3	1.20
	120...240	OZXB5K	OZXB7L/1	1SCA022194R1600	1	0.40
	95...185	OSS250_L	OZXB8	1SCA022744R1510	3	0.50
	95...185	OSS250_L	OZXB8/1	1SCA022744R1600	1	0.17
	95...240	OSS250_L	OZXB9	1SCA022750R3210	3	0.50
	95...240	OSS250_L	OZXB9/1	1SCA022750R3300	1	0.17
	OS315...400	25...120	OSS400_L	OZXB2L	1SCA022158R7750	3
25...120		OSS400_L	OZXB2L/1	1SCA022194R0460	1	0.14
95...185		OZXB3K	OZXB3	1SCA022136R8100	3	1.30
95...185		OZXB3K	OZXB3/1	1SCA022194R0620	1	0.44
2x(95...185)		OZXB3K	OZXB4	1SCA022137R4760	3	1.70
2x(95...185)		OZXB3K	OZXB4/1	1SCA022194R0890	1	0.57
120...300		OZXB4K	OZXB5	1SCA022137R2470	3	2.30
120...300		OZXB4K	OZXB5/1	1SCA022194R1010	1	0.77
2x(120...300)		OZXB4K	OZXB6	1SCA022137R4920	3	3.03
2x(120...300)		OZXB4K	OZXB6/1	1SCA022194R1270	1	1.00
120...240		OZXB5K	OZXB7	1SCA022185R0040	3	1.00
120...240		OZXB5K	OZXB7/1	1SCA022194R1430	1	0.34
95...185		OSS400_L	OZXB8	1SCA022744R1510	3	0.50
95...185		OSS400_L	OZXB8/1	1SCA022744R1600	1	0.17
95...240		OSS400_L	OZXB9	1SCA022750R3210	3	0.50
95...240	OSS400_L	OZXB9/1	1SCA022750R3300	1	0.17	
OS630...800	95...185	OSS800_L	OZXB3	1SCA022136R8100	3	1.30
	95...185	OSS800_L	OZXB3/1	1SCA022194R0620	1	0.44
	2x(95...185)	OSS800_L	OZXB4	1SCA022137R4760	3	1.70
	2x(95...185)	OSS800_L	OZXB4/1	1SCA022194R0890	1	0.57
	120...300	OSS800_L	OZXB5	1SCA022137R2470	3	2.30
	120...300	OSS800_L	OZXB5/1	1SCA022194R1010	1	0.77
	2x(120...300)	OSS800_L	OZXB6	1SCA022137R4920	3	3.03
	2x(120...300)	OSS800_L	OZXB6/1	1SCA022194R1270	1	1.00
	120...240	OSS800_L	OZXB7L	1SCA022185R7130	3	1.20
	120...240	OSS800_L	OZXB7L/1	1SCA022194R1600	1	0.40
	95...185	OSS800_L	OZXB8	1SCA022744R1510	3	0.50
	95...185	OSS800_L	OZXB8/1	1SCA022744R1600	1	0.17
	95...240	OSS800_L	OZXB9	1SCA022750R3210	3	0.50
	95...240	OSS800_L	OZXB9/1	1SCA022750R3300	1	0.17

Terminal clamp set for Cu-cables

OS 315...400	70...120	OZXA11	1SCA022025R6940	6	0.54
OS 630...800	95...240	OZXA14	1SCA022008R7810	6	1.20

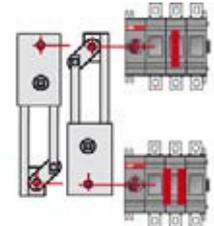
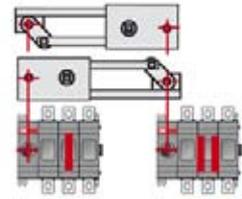


Conversion kits for front operated combination switches

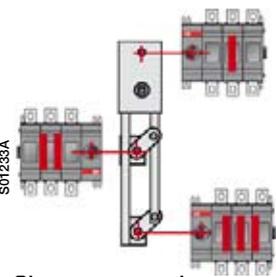
Suitable for switches	Remarks	Shaft distance [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
6 and 8-pole switch mechanism						
Parallel attachment for connecting 3- and 4-pole switches. The switches work simultaneously.						
6-pole switches						
OS Mini	Two 3-pole switches needed.		OWP5DS1	1SCA022190R9890	1	0.69
8-pole switches						
OS Mini	Two 4-pole switches needed.		OWP5DS2	1SCA022208R4200	1	0.69
The attachment levers are provided with holes, enabling different shaft distances. The combination switches can be mounted either horizontally or vertically.						
OS 30-250	Two 3- or 4-pole switches needed	45+(0-13)x15	OESAZW2	1SCA022078R1600	1	0.37
OS315-400, OES600-800	Two 3- or 4-pole switches needed	60+(0-19)x20	OETLZW9	1SCA022061R3300	1	1.1
Change-over switch mechanism						
Two switches connected with a mechanism operating into I-O-II positions.						
OS Mini	Two 3-pole switches needed		OWC5DSH1	1SCA022190R9620	1	1.0
OS Mini	Two 4-pole switches needed		OWC5DSH2	1SCA022208R4460	1	1.0
OS30-63	Two 3- or 4-pole switches needed	90+(0 - 10)x15	OESAZW1	1SCA022064R3710	1	0.78
OS100-250	Two 3- or 4-pole switches needed	210+(0 - 18)x20	OTZW25	1SCA022778R6920	1	2.8
OS315-400	Two 3- or 4-pole switches needed	210+(0 - 11)x20	OETLZW11	1SCA022078R0030	1	3.0
OES600-800	Two 3- or 4-pole switches needed	210+(0 - 20)x20	OETLZW12	1SCA022078R0200	1	4.6
By-pass switch mechanism						
A combination of two switches in parallel with a third switch for change-over operation to pass- by, for example, a breaker for maintenance. The by-pass attachment can be used together with another combination attachment.						
OS100 - 250	Three 3- or 4-pole switches needed	Between 1 and 2: 210+(0 - 9)x20 Between 1 and 3: 250+(0 - 9)x20	OTZW26	1SCA022778R7060	1	3.3
OS315-400 OS 630-800	Three 3- or 4-pole switches needed	Between 1 and 2: 210+(0 - 18)x20 Between 1 and 3: 250+(0 - 18)x20	OETLZW13	1SCA022078R0460	1	4.0
Mechanical interlock mechanism						
Prevents one switch from closing to ON -position, if the other is not in OFF - position.						
OS Mini	Two 3-pole switches needed		OWM5DS1	1SCA022191R0040	1	0.30
OS Mini	Two 4-pole switches needed		OWM5DS2	1SCA022208R4620	1	0.30
OS630-800	Two 3- or 4-pole switches needed	250	OETLZW14	1SCA022077R3410	1	0.70
OS630-800	Two 3- or 4-pole switches needed	300	OETLZW3	1SCA022049R0380	1	0.80
OS630-800	Two 3- or 4-pole switches needed	500	OETLZW15	1SCA022081R9340	1	1.24

The shafts and handles for conversion kits

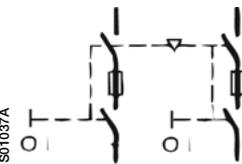
Conversion kit type	To be ordered separately		Included in the conversion kit delivery		The standard handle or shaft of one of the combined switches can be used	
	Shaft	Handle	Shaft	Handle	Shaft	Handle
6 and 8-pole switches						
OWP5DS1	x	-	-	-	-	x
OWP5DS2	x	-	-	-	-	x
OESAZW2	-	-	x (2 pcs)	OHB145J12	-	-
OETLZW9	-	-	-	-	x	x
Change-over switches						
OWC5DSH1	x (length min. 170mm)	-	-	OHB65J5E011	-	-
OWC5DSH2	x (length min. 170mm)	-	-	OHB65J5E011	-	-
OESAZW1	-	-	x (2 pcs)	OHB80J6E011	-	-
OTZW25	-	-	x (2 pcs)	OHB95J12E011	-	-
OETLZW11	-	-	x (2 pcs)	OHB145J12E011	-	-
OETLZW12	-	-	x (2 pcs)	YASDA21	-	-
By-pass switches						
OTZW26	-	-	x (3 pcs)	OHB95J12E011	-	-
OETLZW13	-	-	x (3 pcs)	YASDA 6	-	-
Mechanical interlock						
OWM5DS1	x (2 pcs, length min. 170mm)	x (2 pcs)	-	-	-	-
OWM5DS2	x (2 pcs, length min. 170mm)	x (2 pcs)	-	-	-	-
OETLZW14	-	-	-	-	x	x
OETLZW3	-	-	-	-	x	x
OETLZW15	-	-	-	-	x	x



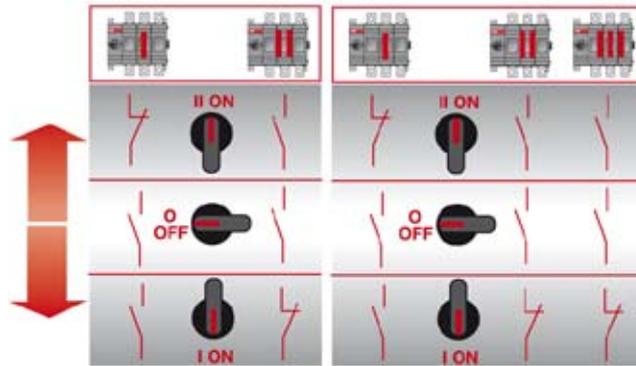
Change-over switches



Change-over and by-pass switches

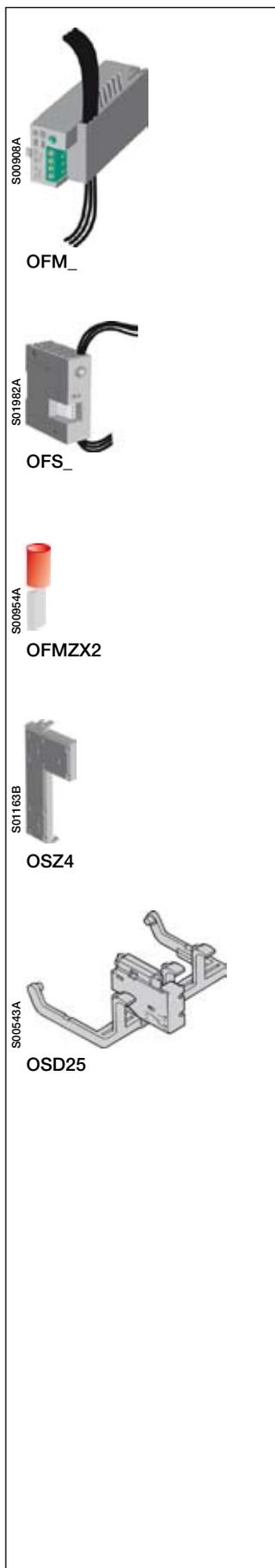


Mechanical interlock



Change-over switches

By-pass switches



Fuse monitor

- includes the auxiliary contacts 1NO + 1NC. Snap-on fitting onto the switch fuse. See brochure OFM20GB.

Mounting onto the right side of OS30...160 switch or on mounting plate.

Note: For OS Mini the frame for fuse monitor and auxiliary contacts type OSZ4 has to be ordered separately.

Rated voltage [Vac]	Type	Order Number	Units/ type [pcs]	Weight [kg]
100...260	OFM260	1SCA022459R8560	1	0.14
380...690	OFM690	1SCA022459R8480	1	0.14

Electronic fuse monitor, including 1NO + 1NC auxiliary contacts. Mounting onto the left side of OS200-800 switch or on DIN rail.

100...260	OFS260	1SCA022716R0180	1	0.16
380...690	OFS690	1SCA022715R9920	1	0.16

Mounting accessories for fuse monitor.

Suitable for switches	Flat terminal size [mm]	Type	Order Number	Units/ type [pcs]	Weight [kg]
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Crimp terminals

OS_	2.8 - 0.8	OFMZ2	1SCA022475R9910	6	0.01
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Mounting frame

- Mounting on the left side of the switch

OS Mini		OSZ4	1SCA022530R0200	1	0.6
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Blown fuse indicators (DPMM)

Striker type fuse is needed.

Suitable for switches	Type	Order Number	Units/ type [pcs]	Weight [kg]
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OS Mini

for 3-pole switches	OSD25P3	1SCA022192R9060	1	0.1
for 4-pole switches, fused neutral	OSD25P4	1SCA022196R9520	1	0.1

OS 50...63F

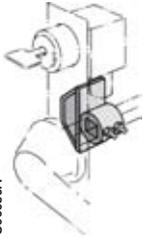
for 3-pole switches	OSD63P3	1SCA022502R8590	1	0.1
for 4-pole switches, fused neutral	OSD63P4	1SCA022502R8670	1	0.1

OS 100...125F

for 1...4-pole switches	OSD160P4	1SCA022502R8410	1	0.1
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OS200...800

for 3-pole switches	OSZX3	1SCA101224R1001	1	0.15
for 4-pole switches	OSZX4	1SCA101225R1001	1	0.20



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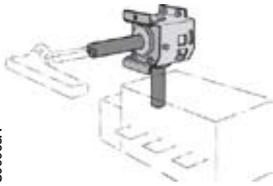
OETLZW5

Cam attachment

for Castell, Lowe & Fletcher and Ronis interlock

Cam attachment for adopting the switches to the interlock system. The interlock is not included.

Suitable for switches	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200...250	OETLZW16	1SCA022095R2070	1	0.17
OS315...800	OETLZW5	1SCA022052R3900	1	0.14



S00063A

OETLZX108

90° angle kit

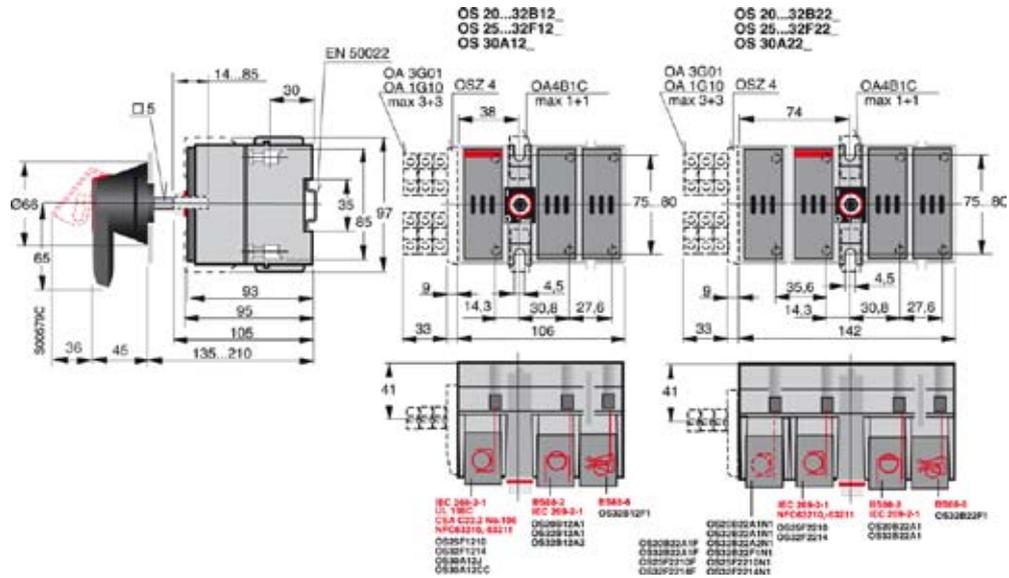
A normal switch can be changed into a side operated switch

Suitable for switches	Type	Order number	Units/ type [pcs]	Weight [kg]
OESA 630...800	OETLZX108	1SCA022087R8430	1	2.10

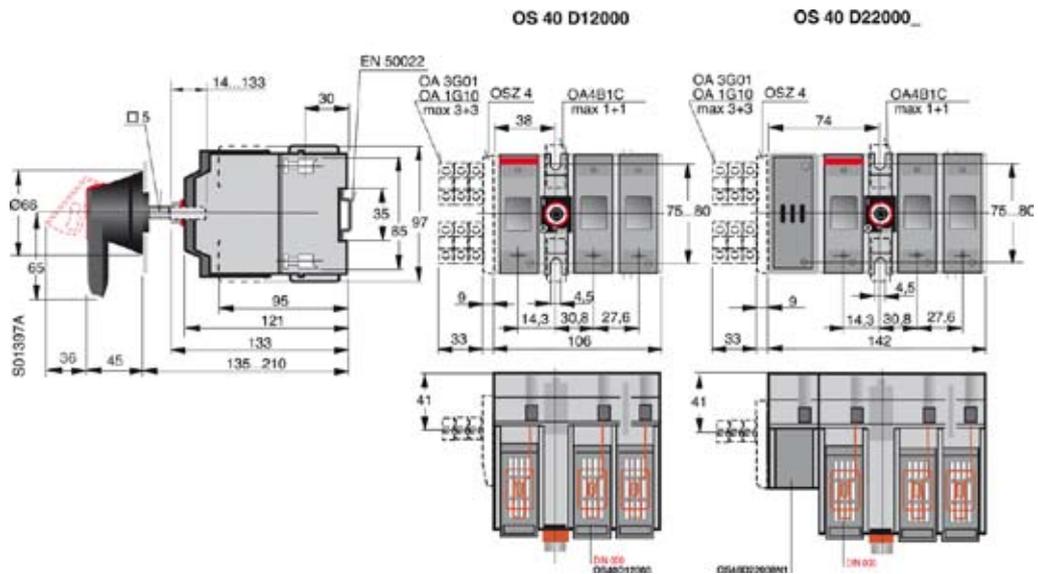


Front operated switch fuses Dimension drawings

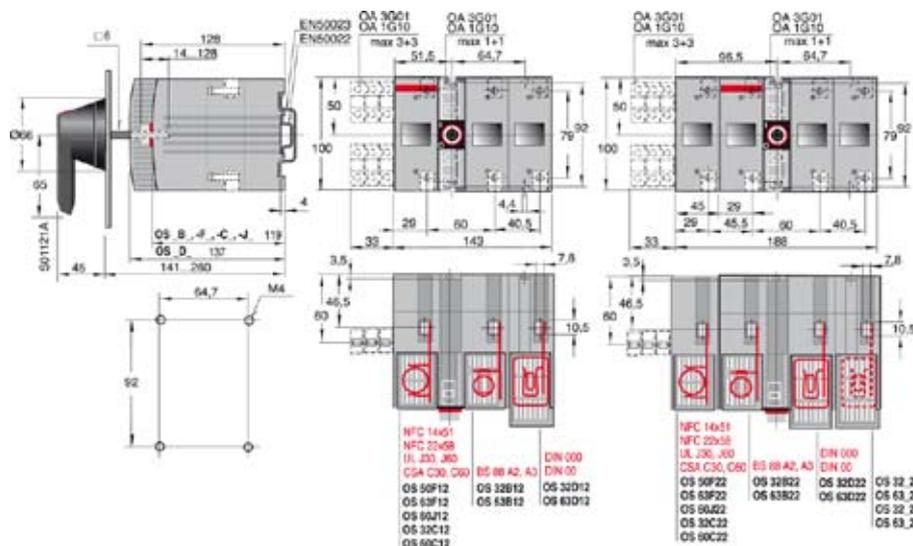
OS Mini



OS 40 Mini



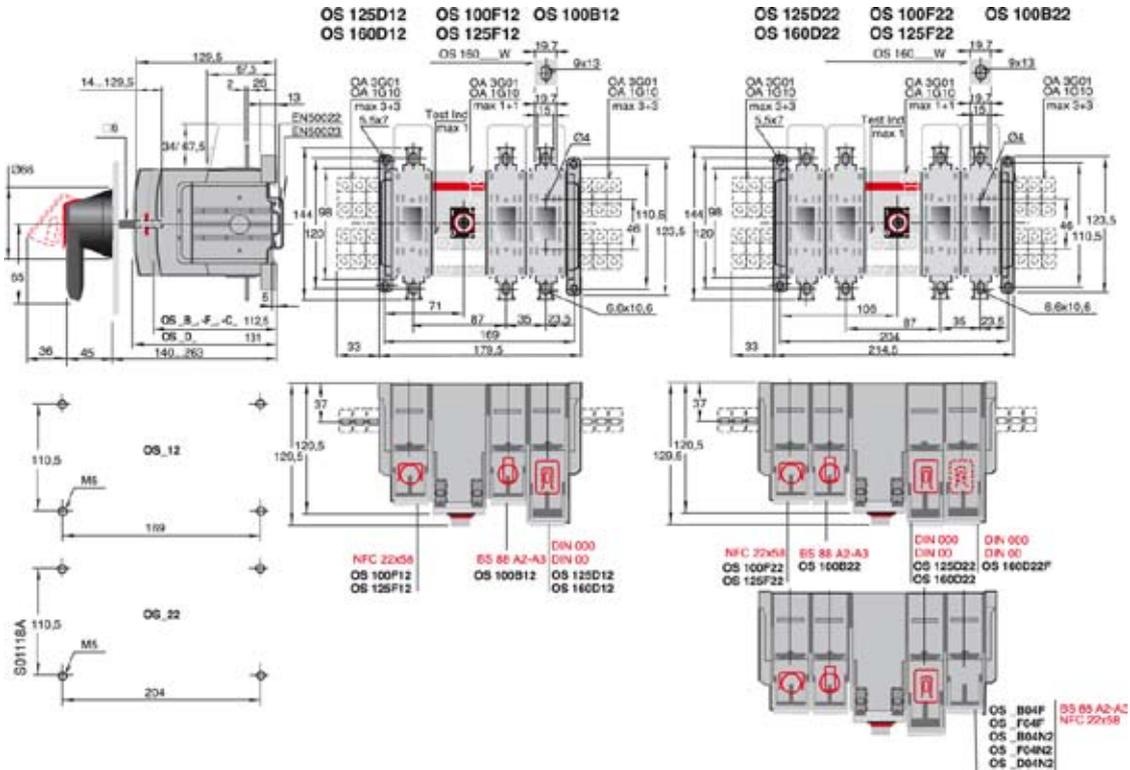
OS 30...63



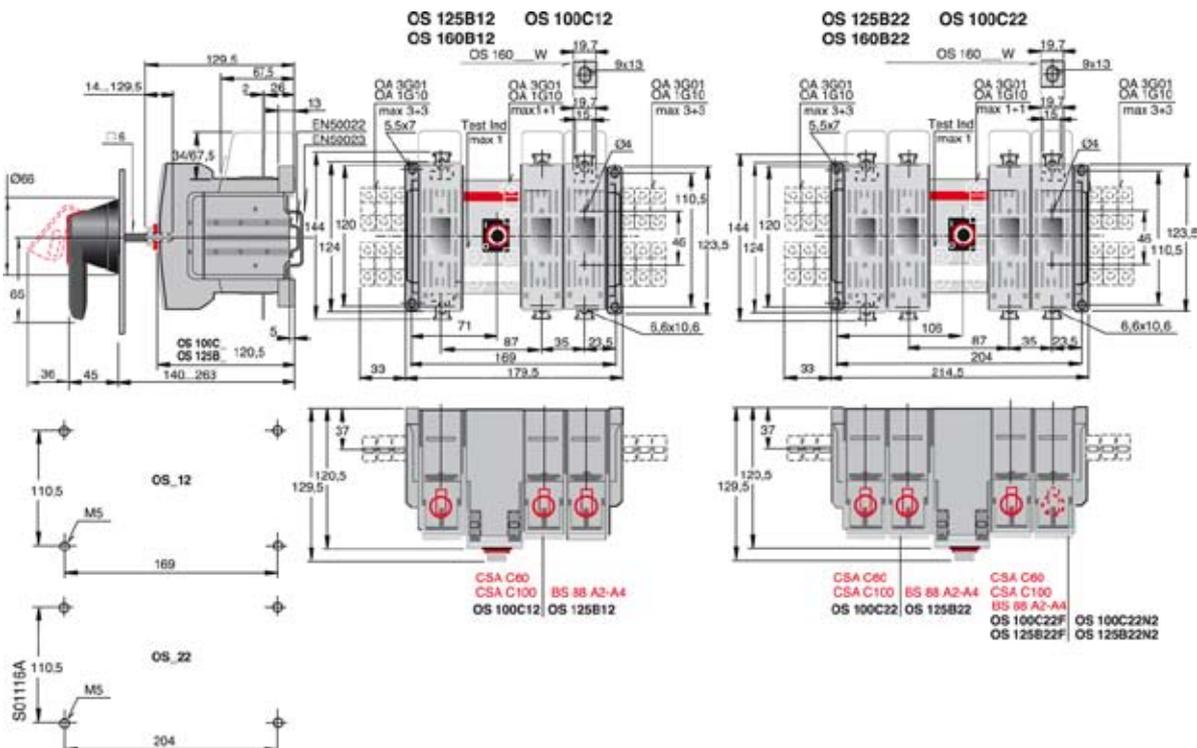


Front operated switch fuses Dimension drawings

OS 100...160 DIN- and NFC-types, OS 100 BS-types Mechanism between the poles



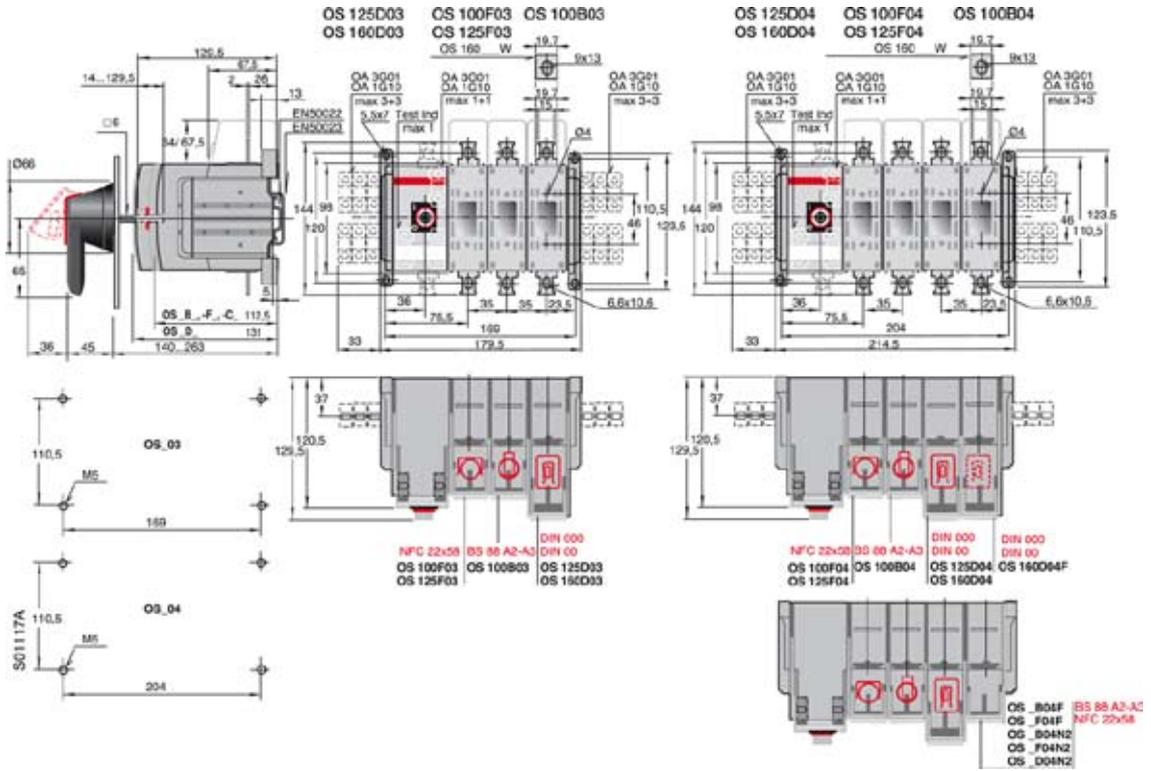
OS 125...160 BS-types, OS 100 CSA-types Mechanism between the poles



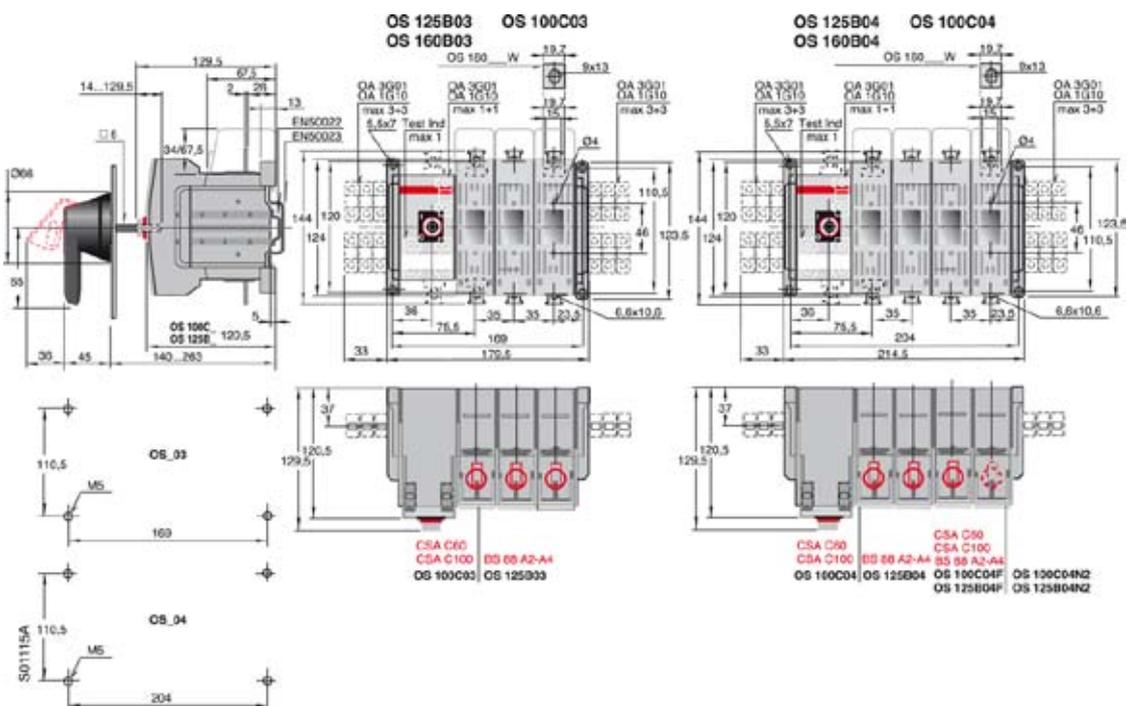


Front operated switch fuses Dimension drawings

OS 100...160 DIN- and NFC-types, OS 100 BS-types Mechanism at the end of the switch fuse



OS 125...160 BS- and OS 100 CSA-types Mechanism at the end of the switch fuse

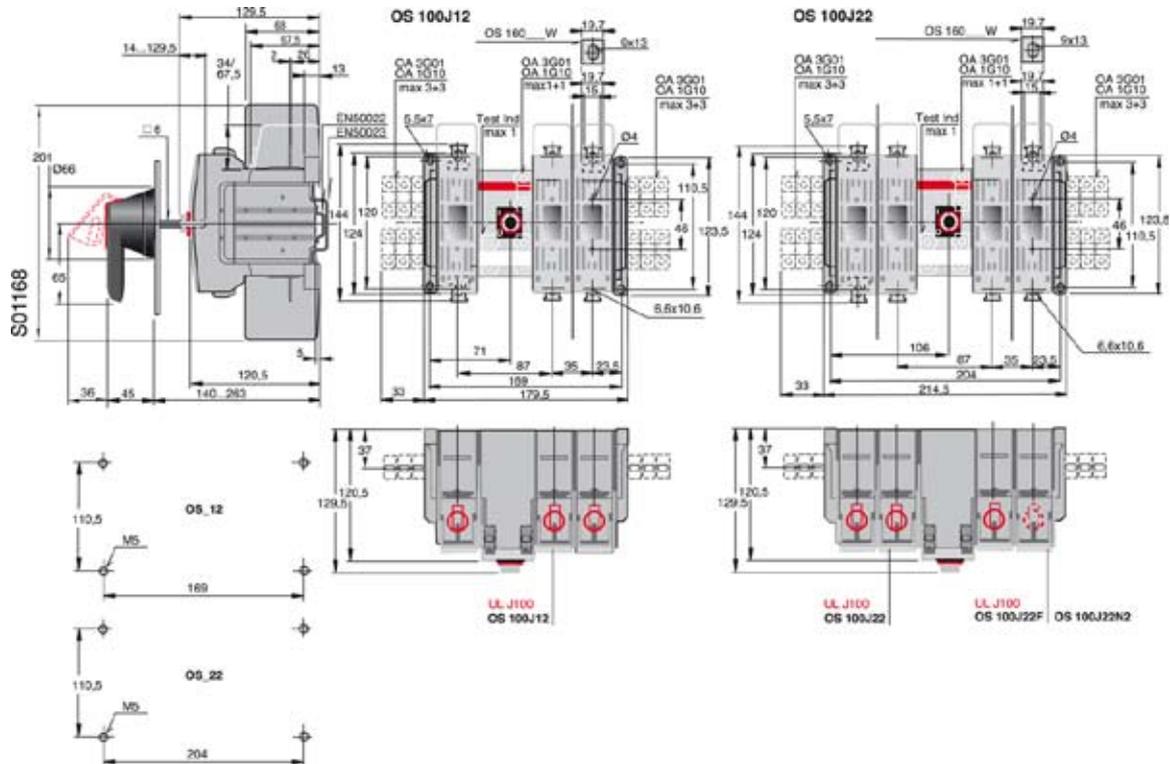




Front operated switch fuses Dimension drawings

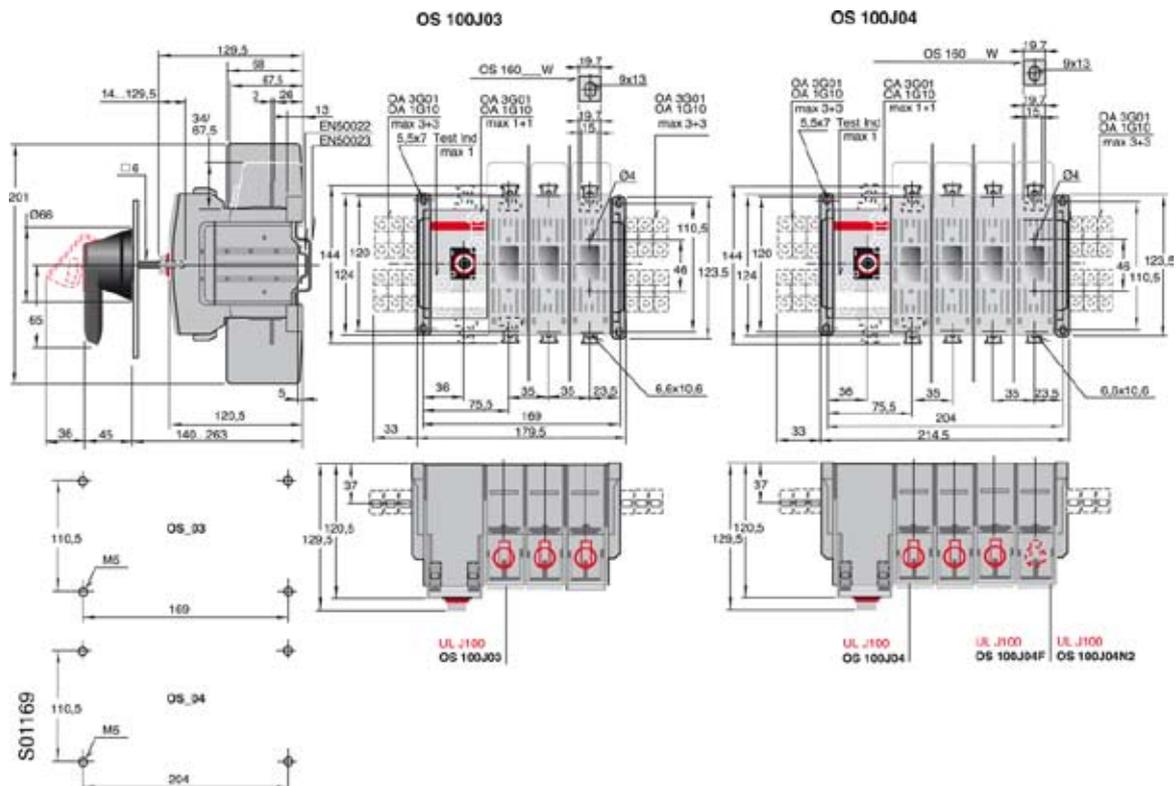
OS 100 UL-types

Mechanism between the poles



OS 100 UL-types

Mechanism at the end of the switch fuse

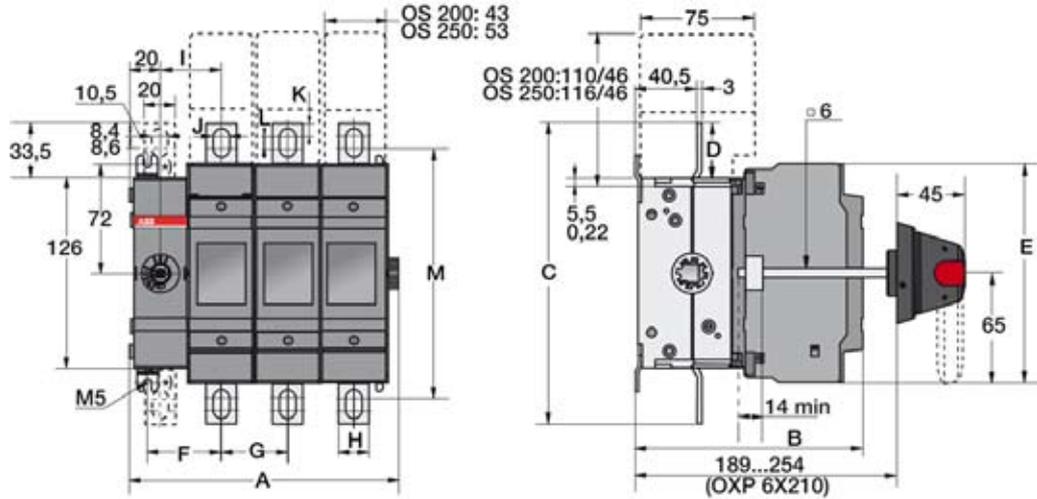




Front operated switch fuses Dimension drawings

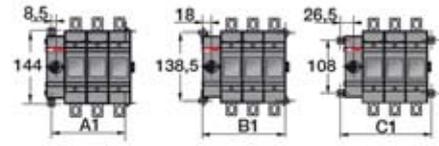
OS 200_P and OS 250_P

Mechanism at the end of the switch fuse

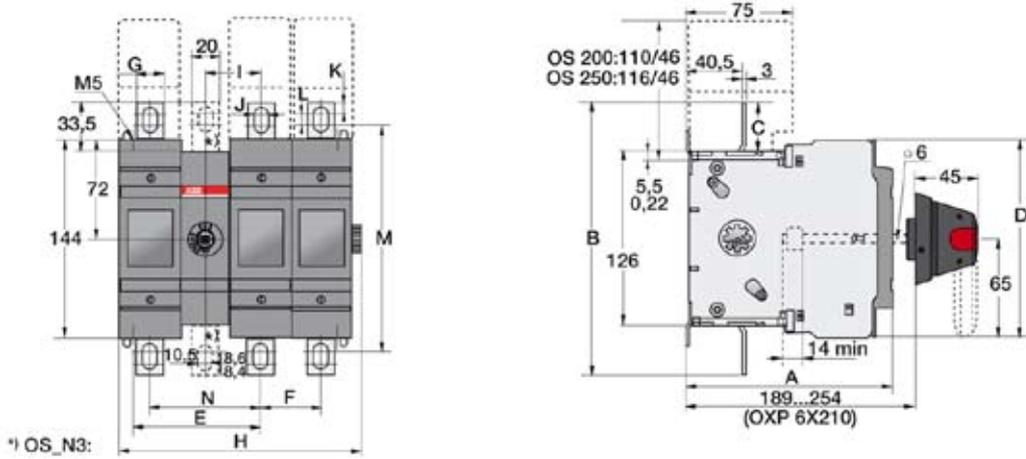


* OS_N3

	OS200								OS250							
	D01	B01	D02	B02	D03	B03	D04	B04	D01/B01	D02/B02	D03/B03	D04/B04	D01/B01	D02/B02	D03/B03	D04/B04
A	89,5	89,5	133	133	176,5	176,5	220	220	99,5	153,5	207,5	261,5	143,5	197,5	251,5	305,5
B	149	132	149	132	149	132	149	132	154	154	154	154	154	154	154	154
C	198,5	198,5	198,5	198,5	198,5	198,5	198,5	198,5	193	193	193	193	193	193	193	193
D	36,5	36,5	36,5	36,5	36,5	36,5	36,5	36,5	33,5	33,5	33,5	33,5	33,5	33,5	33,5	33,5
E	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5	148,5	148,5	148,5	148,5	148,5	148,5	148,5	148,5
F	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5	53,5	53,5	53,5	53,5	53,5	53,5	53,5	53,5
G	-	-	43,5	43,5	43,5	43,5	43,5	43,5	-	-	54	54	-	-	54	54
H	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25
I	40	40	40	40	40	40	40	40	45	45	45	45	45	45	45	45
J	15	15	15	15	15	15	15	15	11	11	11	11	11	11	11	11
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4	11,5	11,5	11,5	11,5	11,5	11,5	11,5	11,5
L	8,8	8,8	8,8	8,8	8,8	8,8	8,8	8,8	4	4	4	4	4	4	4	4
M	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5	162	162	162	162	162	162	162	162
N	80,5	80,5	104	104	147,5	147,5	191	191	75,5	128,5	178,5	232,5	178,5	232,5	282,5	336,5
O	79,5	79,5	123	123	166,5	166,5	210	210	89,5	143,5	197,5	251,5	197,5	251,5	305,5	359,5
P	96,5	96,5	140	140	183,5	183,5	227	227	106,5	160,5	214,5	268,5	214,5	268,5	322,5	376,5

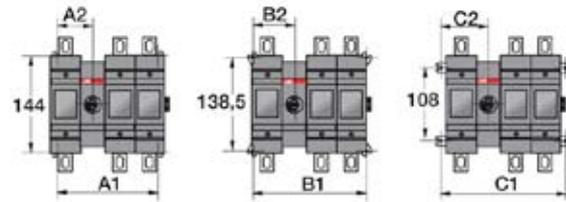


Mechanism between the poles



* OS_N3:

	OS200								OS250							
	D11	B11	D12	B12	D13	B13	D14	B14	D11/B11	D12/B12	D13/B13	D14/B14	D11/B11	D12/B12	D13/B13	D14/B14
A	119	119	163	163	206,5	206,5	250	250	129	183	237	291	173	227	281	335
B	179	162	179	162	179	162	179	162	184	184	184	184	184	184	184	184
C	228,5	228,5	228,5	228,5	228,5	228,5	228,5	228,5	223	223	223	223	223	223	223	223
D	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5
E	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5	148,5	148,5	148,5	148,5	148,5	148,5	148,5	148,5
F	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5	53,5	53,5	53,5	53,5	53,5	53,5	53,5	53,5
G	-	-	43,5	43,5	43,5	43,5	43,5	43,5	-	-	54	54	-	-	54	54
H	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25
I	40	40	40	40	40	40	40	40	45	45	45	45	45	45	45	45
J	15	15	15	15	15	15	15	15	11	11	11	11	11	11	11	11
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4	11,5	11,5	11,5	11,5	11,5	11,5	11,5	11,5
L	8,8	8,8	8,8	8,8	8,8	8,8	8,8	8,8	4	4	4	4	4	4	4	4
M	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5	162	162	162	162	162	162	162	162
N	80,5	80,5	104	104	147,5	147,5	191	191	75,5	128,5	178,5	232,5	178,5	232,5	282,5	336,5
O	79,5	79,5	123	123	166,5	166,5	210	210	89,5	143,5	197,5	251,5	197,5	251,5	305,5	359,5
P	96,5	96,5	140	140	183,5	183,5	227	227	106,5	160,5	214,5	268,5	214,5	268,5	322,5	376,5

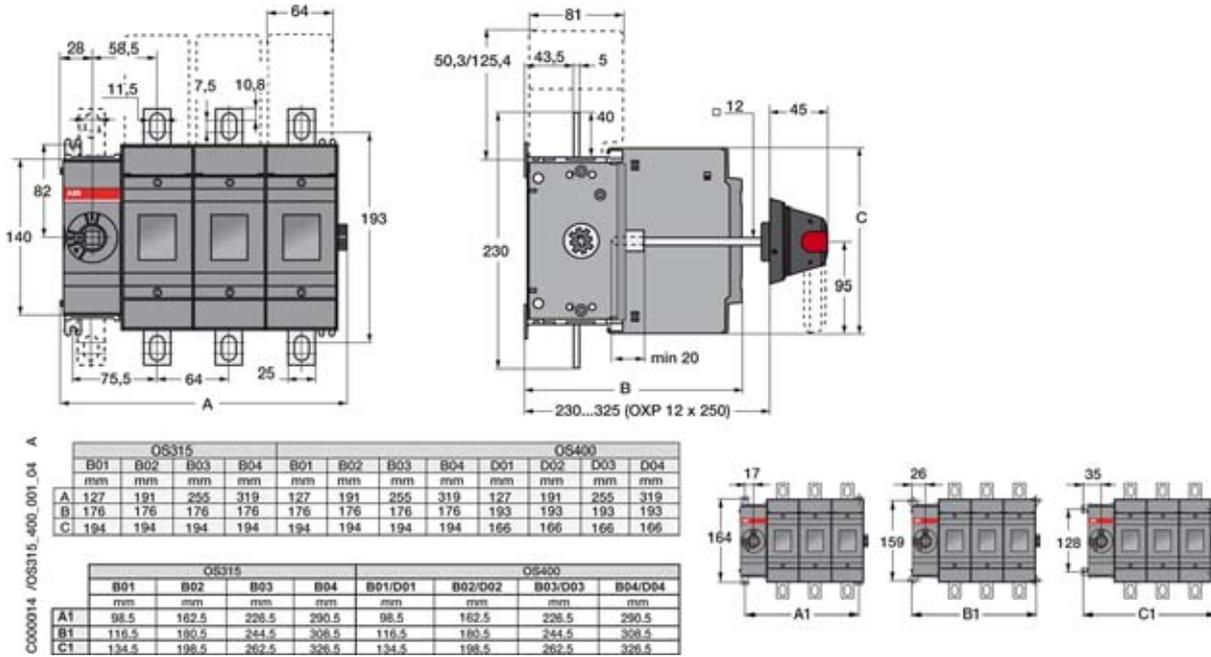




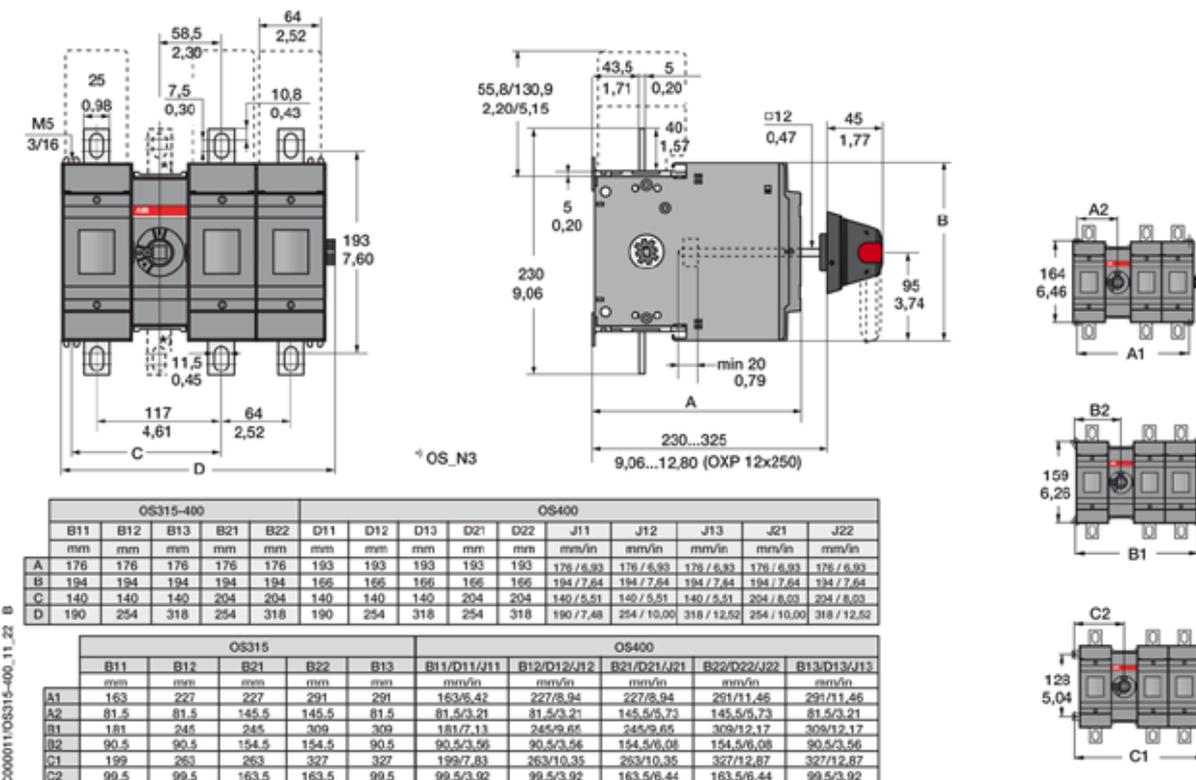
Front operated switch fuses Dimension drawings

OS 315_P and OS 400_P

Mechanism at the end of the switch fuse



Mechanism between the poles

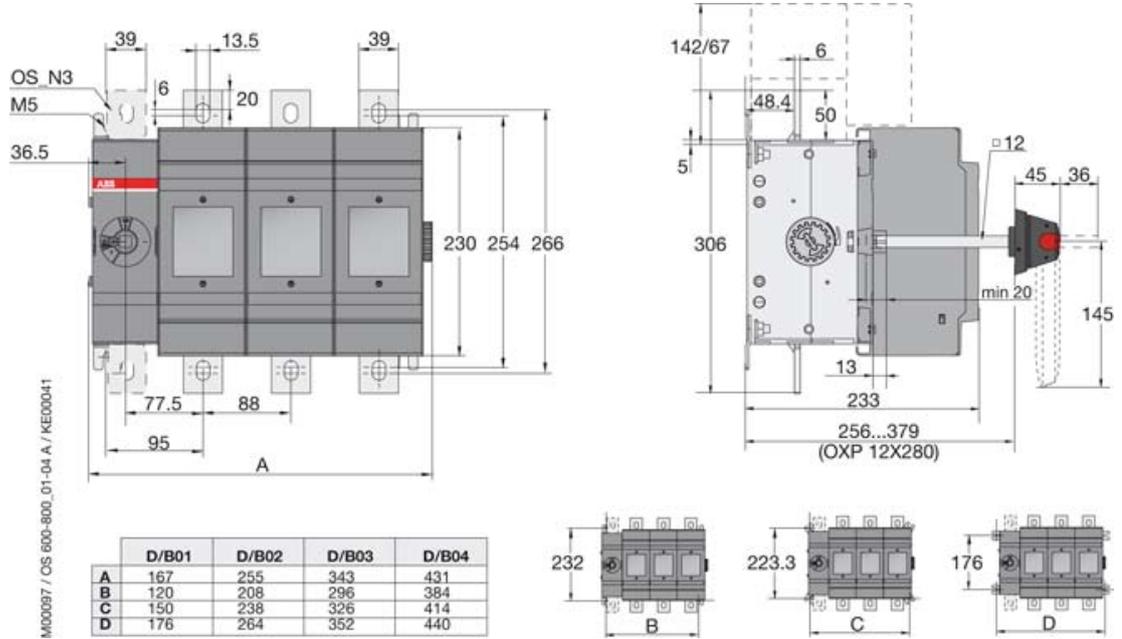




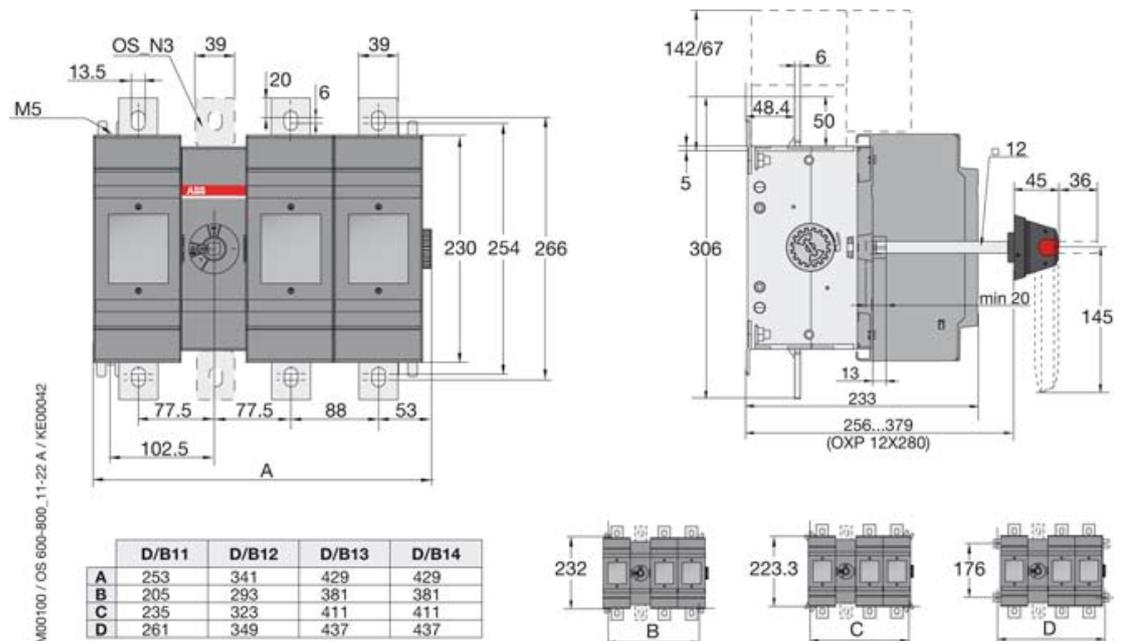
Front operated switch fuses Dimension drawings

OS 630_P and OS 800_P

Mechanism at the end of the switch fuse



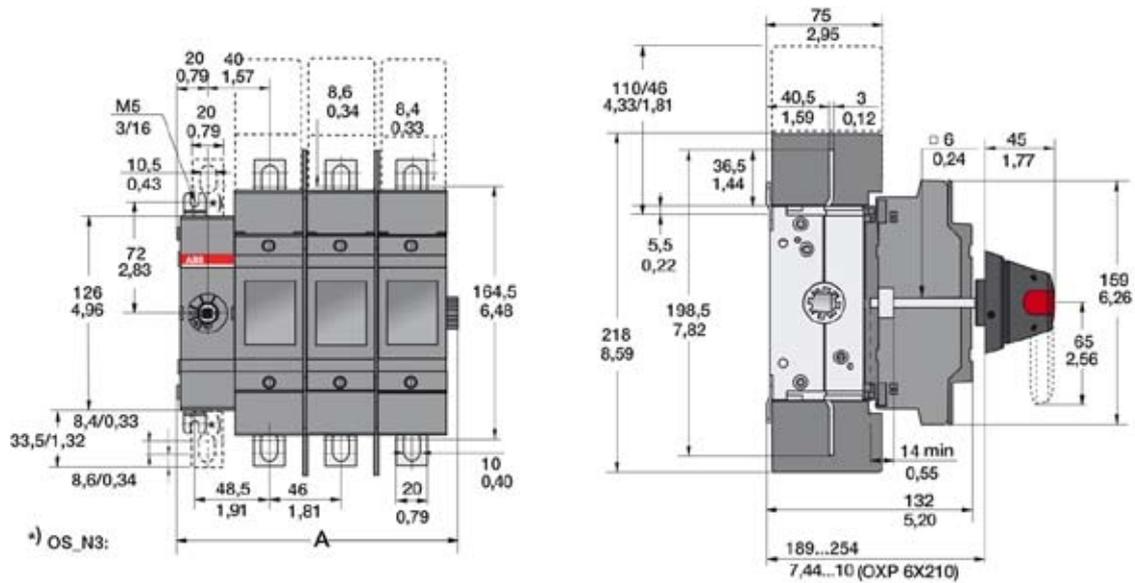
Mechanism between the poles





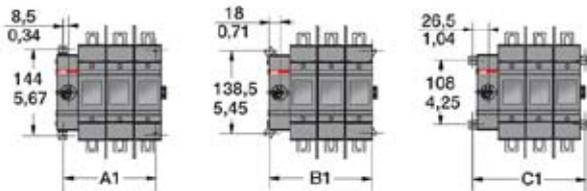
Front operated switch fuses Dimension drawings

OS 200J

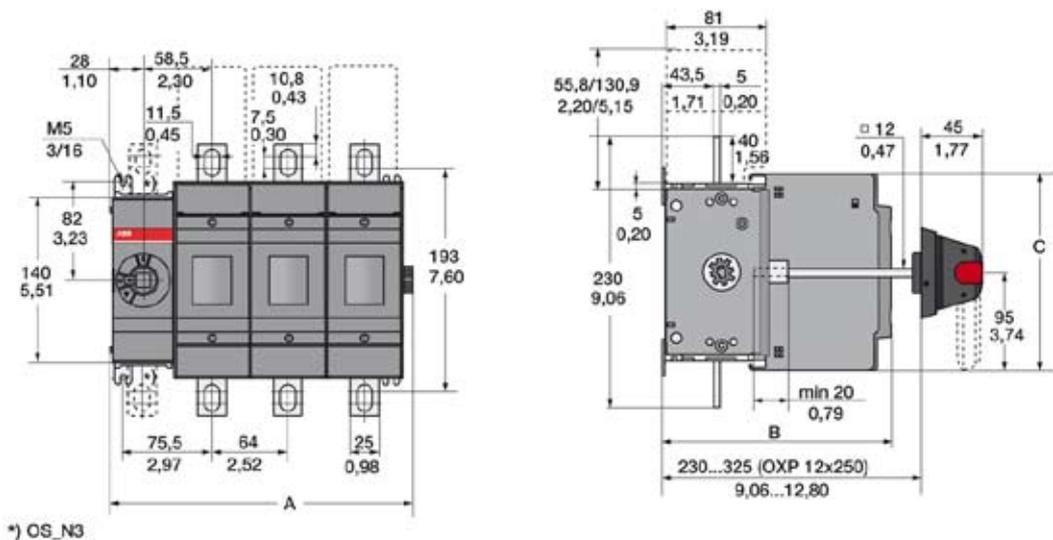


M02001-OS200J01_04 H

	OS200J01	OS200J02	OS200J03	OS200J04
	mm/in	mm/in	mm/in	mm/in
A	89,5 / 3,52	135,5 / 5,34	181,5 / 7,15	227,5 / 8,98
A1	60,5 / 2,38	106,5 / 4,19	152,5 / 6,00	198,5 / 7,82
B1	79,5 / 3,13	125,5 / 4,94	171,5 / 6,75	217,5 / 8,58
C1	96,5 / 3,80	142,5 / 5,61	188,5 / 7,42	234,5 / 9,23



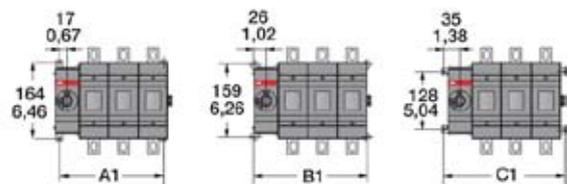
OS 400J



D000012 / OS315_400_01_04 B

OS315 - 400				OS400			
B01	B02	B03	B04	D01	D02	D03	D04
mm	mm	mm	mm	mm	mm	mm	mm
A	127	191	255	319	127	191	255
B	176	176	176	176	193	193	193
C	194	194	194	194	166	166	166

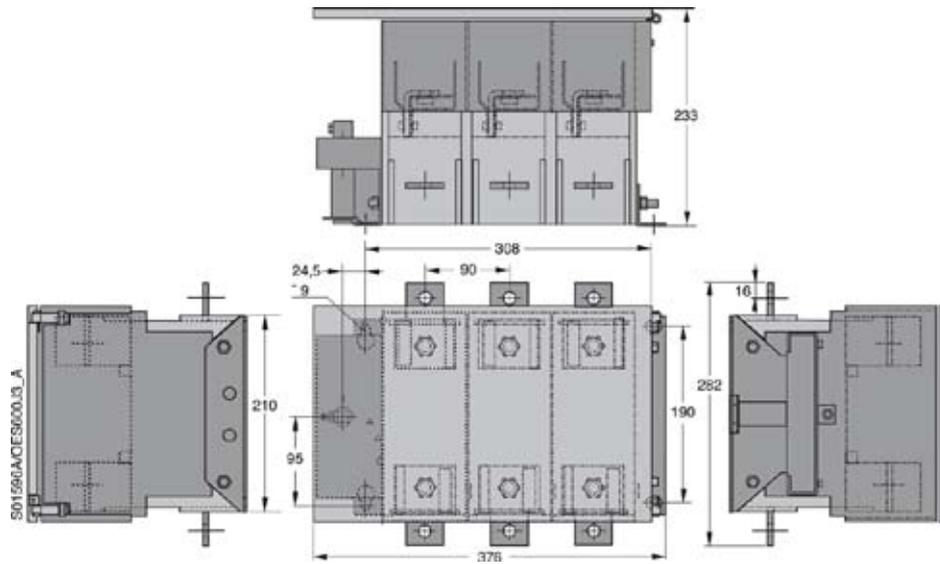
OS315				OS400			
B01	B02	B03	B04	B01/D01/J01	B02/D02/J02	B03/D03/J03	B04/D04/J04
mm	mm	mm	mm	mm/in	mm/in	mm/in	mm/in
A1	98,5	152,5	226,5	290,5	98,5/3,88	152,5/6,00	226,5/8,92
B1	116,0	130,5	244,5	308,5	116,0/4,57	190,0/7,48	244,5/9,63
C1	134,5	198,5	262,5	326,5	134,5/5,30	198,5/7,81	262,5/10,33



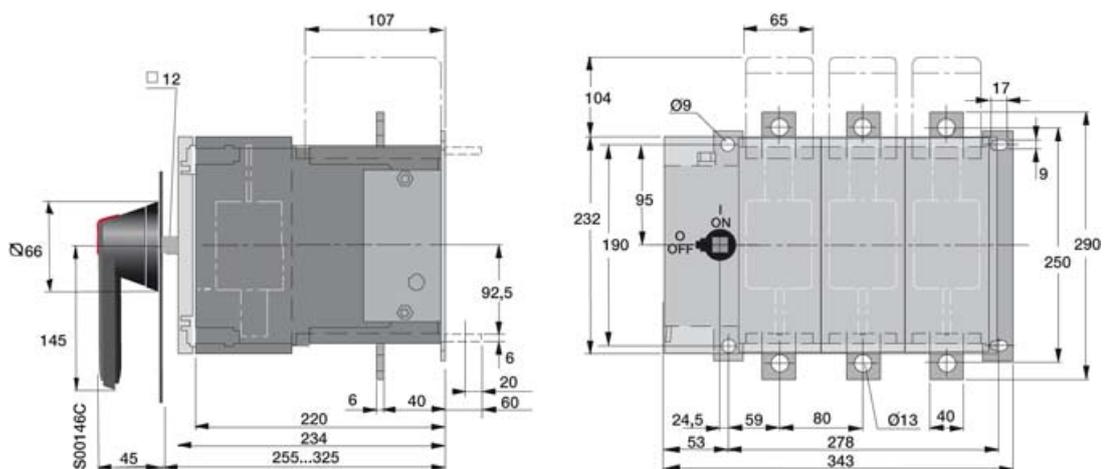


Front operated switch fuses Dimension drawings

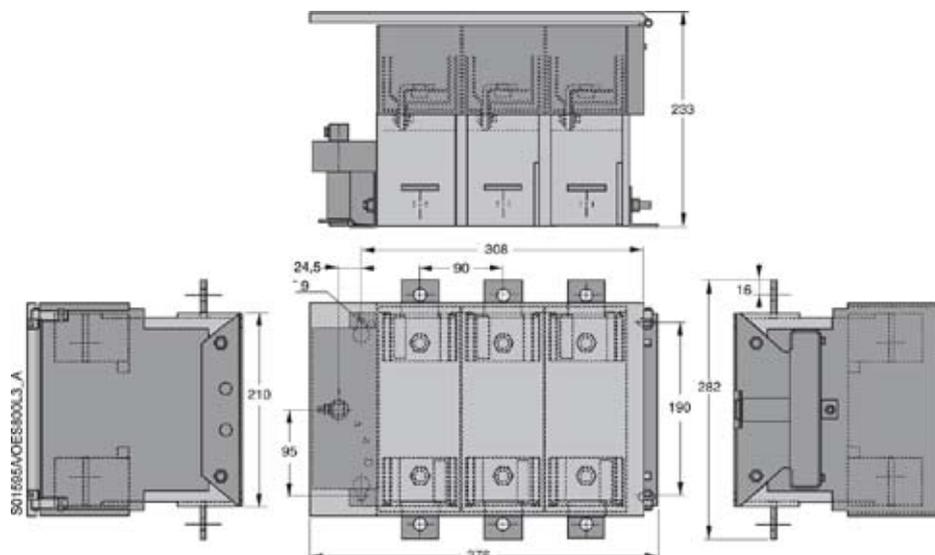
OES 600J3



OES 600C3



OES 800L3

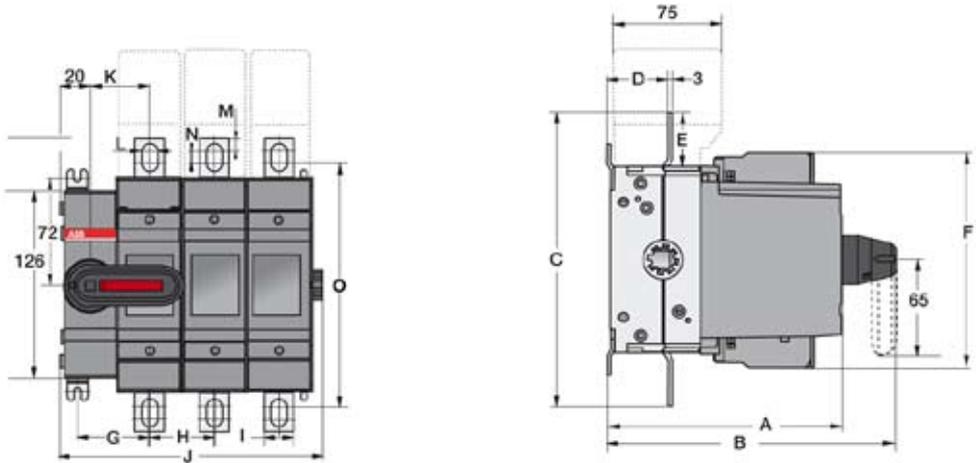




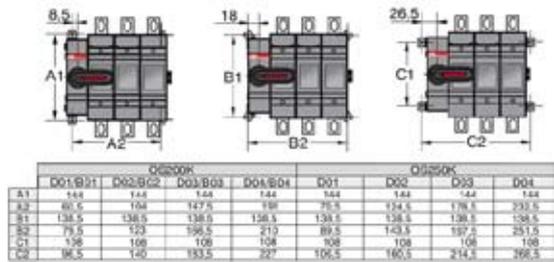
Front operated switch fuses with direct mounted handles

Dimensional drawings

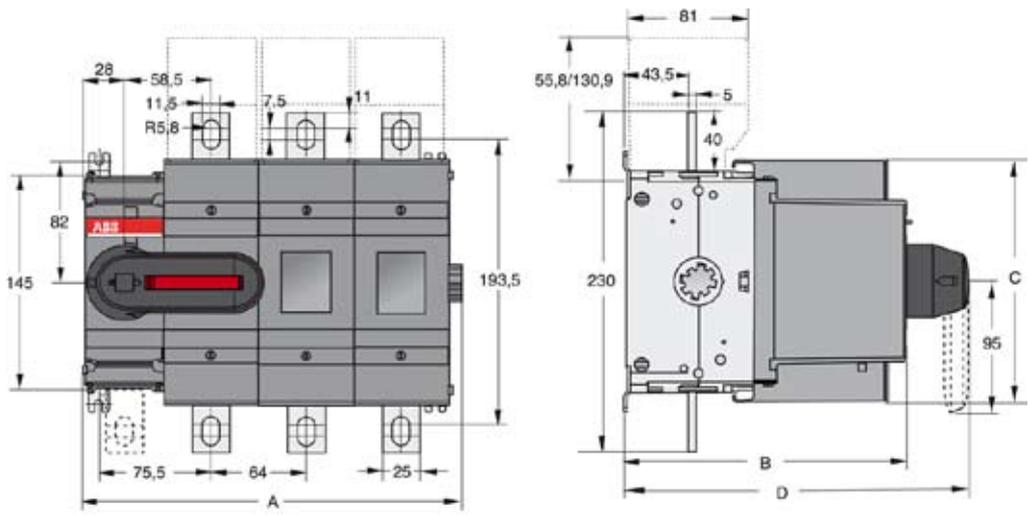
OS 200_K and OS 250_K



	OS200_K								OS250_K			
	D01	D01	D02	D02	D03	D03	D04	D04	D01/B01	D02/B02	D03/B03	D04/B04
A	154	130	154	130	154	130	154	130	154	154	154	154
B	181	167	191	167	191	167	191	167	191	191	191	191
C	199,5	198,5	198,5	198,5	198,5	198,5	198,5	198,5	193	193	193	193
D	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5
E	36,5	36,5	36,5	36,5	36,5	36,5	36,5	36,5	33,5	33,5	33,5	33,5
F	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5	148,5	148,5	148,5	148,5
G	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5	53,5	53,5	53,5	53,5
H	-	-	43,5	43,5	43,5	43,5	43,5	43,5	-	54	54	54
I	20	20	20	20	20	20	20	20	25	25	25	25
J	89,5	89,5	133	133	176,5	176,5	220	220	99,5	153,5	207,5	261,5
K	40	40	40	40	40	40	40	40	45	45	45	45
L	10	10	10	10	10	10	10	10	11	11	11	11
M	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	11,5	11,5	11,5	11,5
N	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	4	4	4	4
O	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5	162	162	162	162

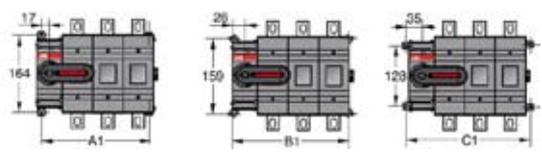


OS 315_K and OS 400_K



	OS315, OS400				OS400			
	B01K	B02K	B03K	B04K	D01K	D02K	D03K	D04K
A	167	191	226	315	127	191	225	315
B	176	176	176	176	183	183	183	183
C	164	194	194	194	186	186	186	186
D	219	219	219	219	236	236	236	236

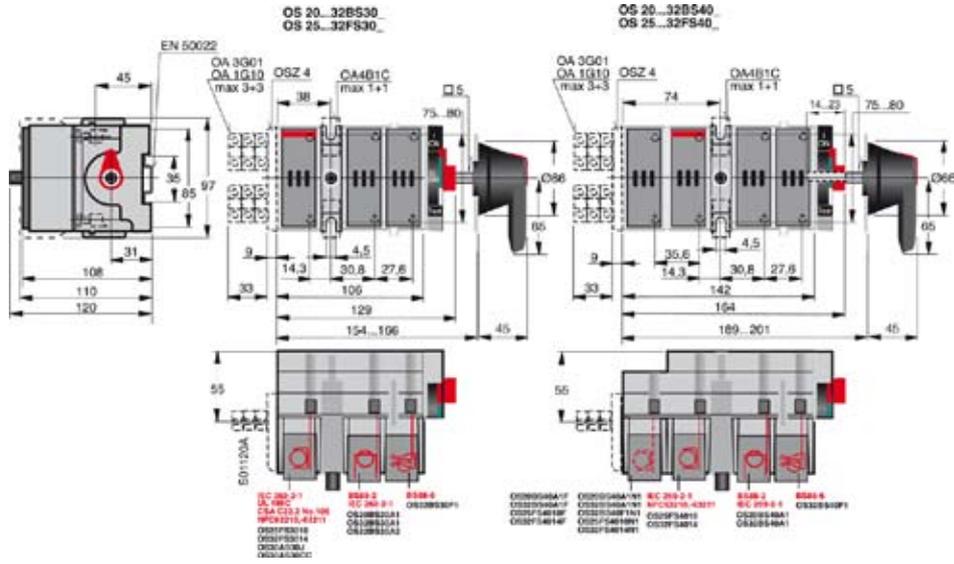
	OS315, OS400				OS400			
	B01K	B02K	B03K	B04K	D01K	D02K	D03K	D04K
A1	80,5	162,5	226,5	290,5	88,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5	134,5	198,5	262,5	326,5



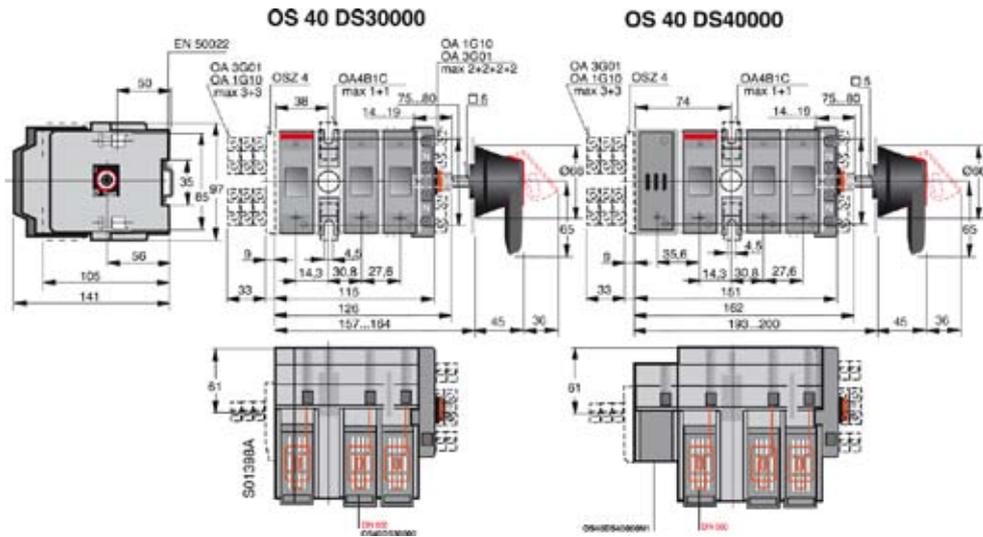


Side operated switch fuses Dimension drawings

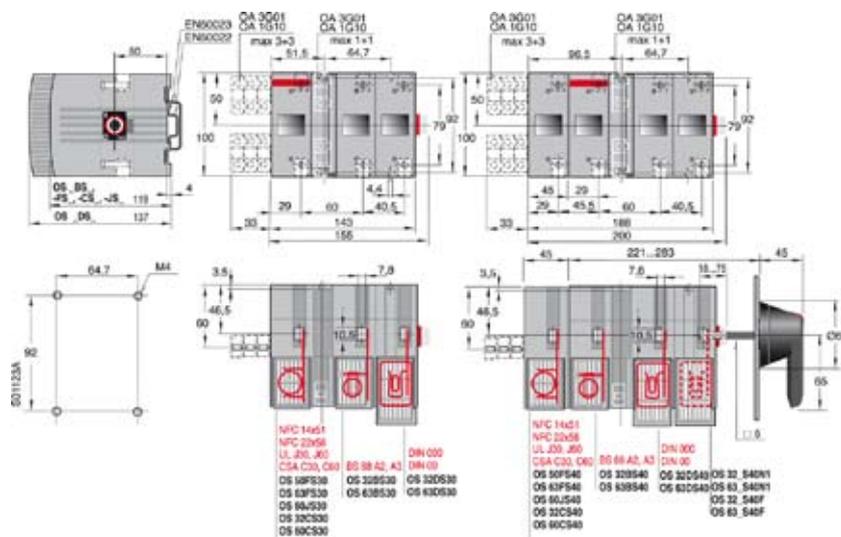
OS Mini



OS 40 Mini



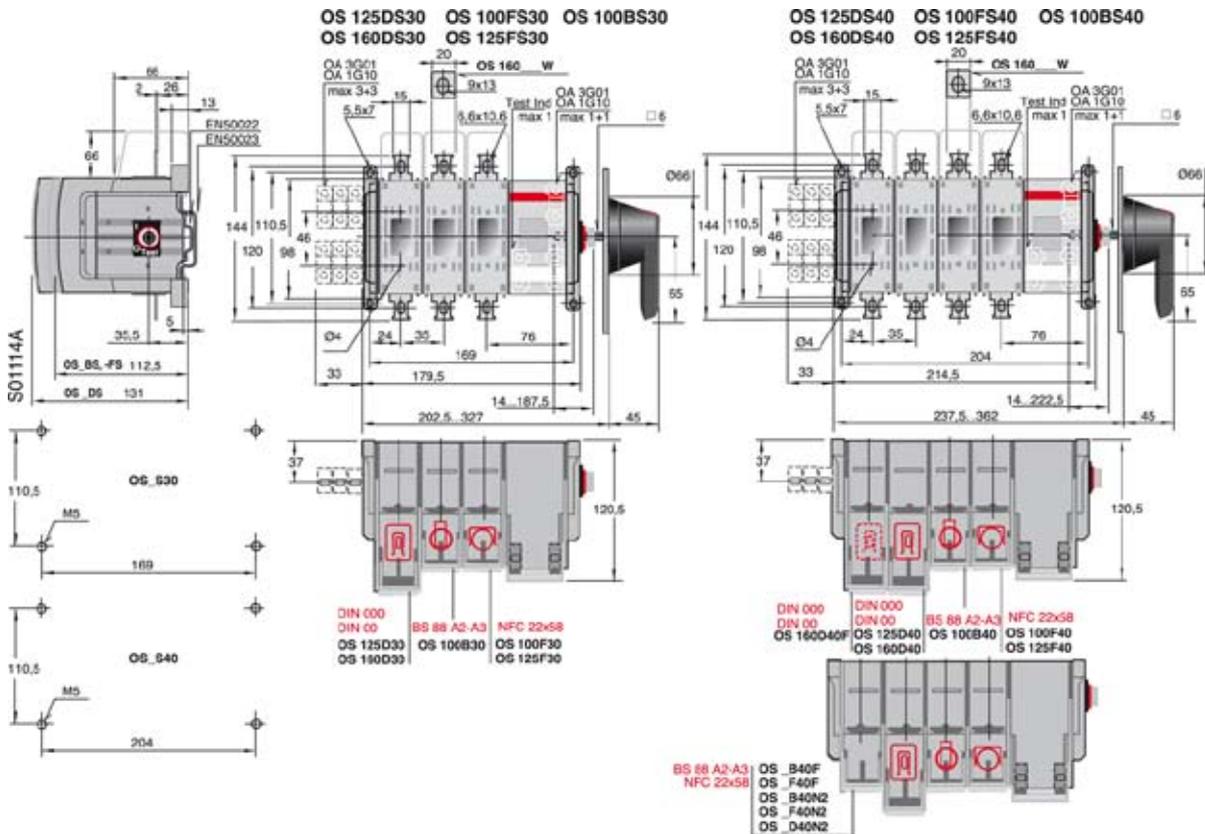
OS 30...63



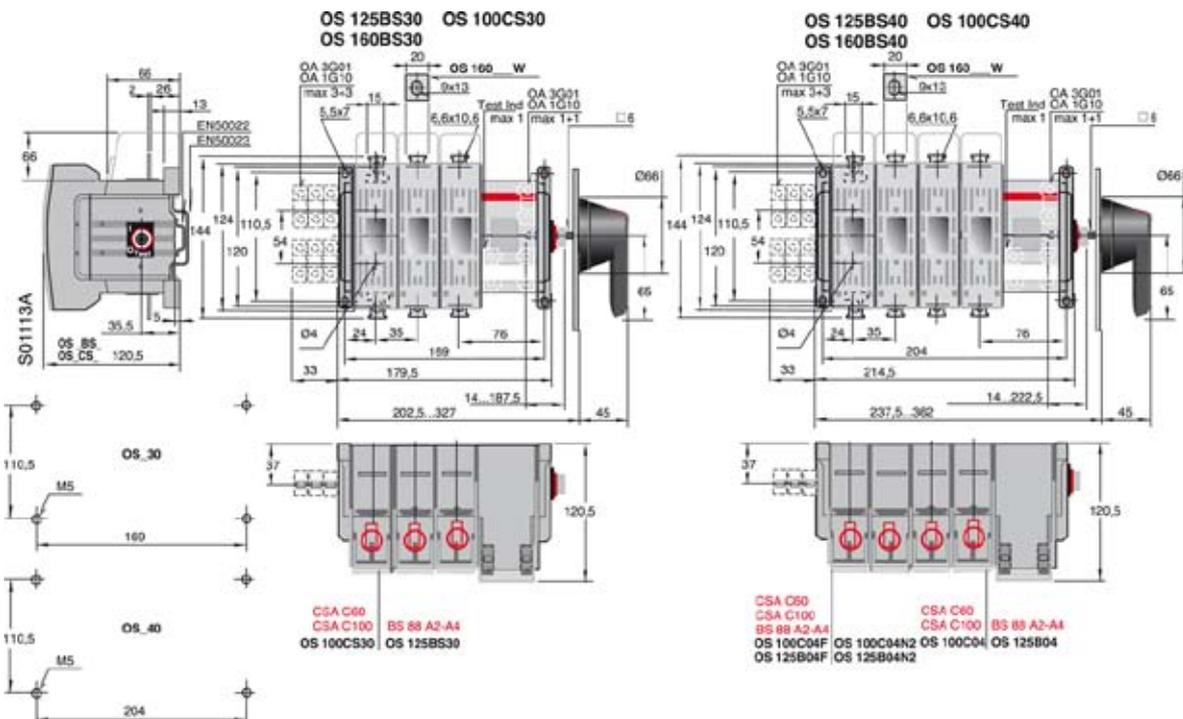


Side operated switch fuses Dimension drawings

OS 100...160 DIN- and NFC-types, OS 100 BS-types



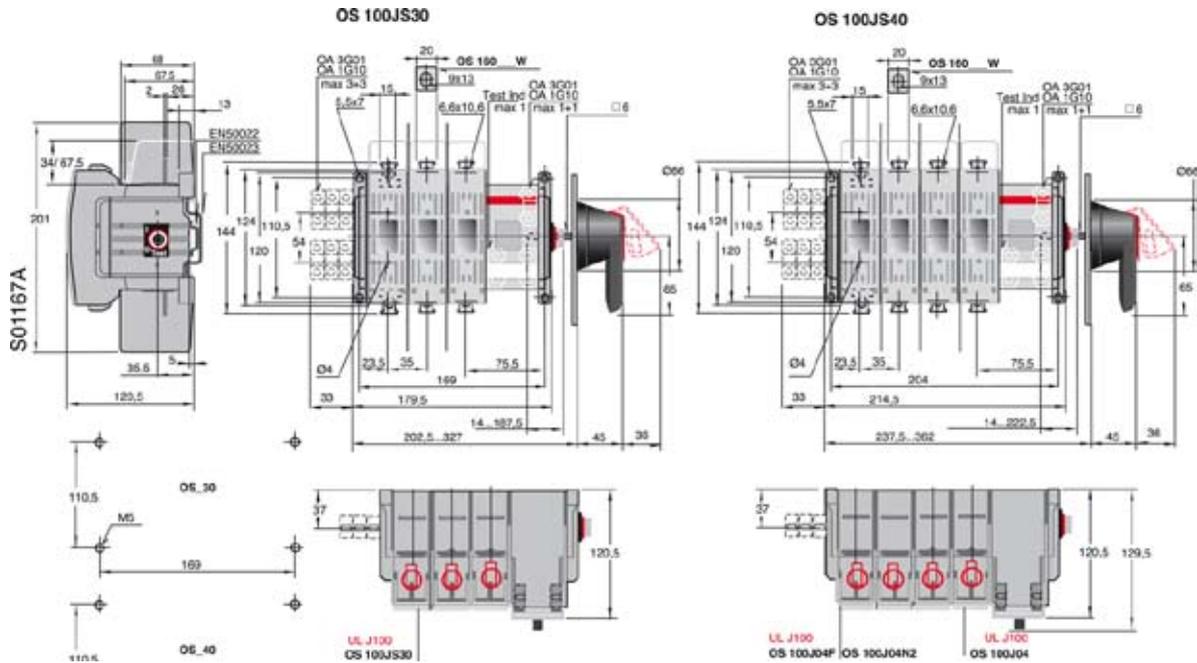
OS 125...160 BS-types, OS 100 CSA-types



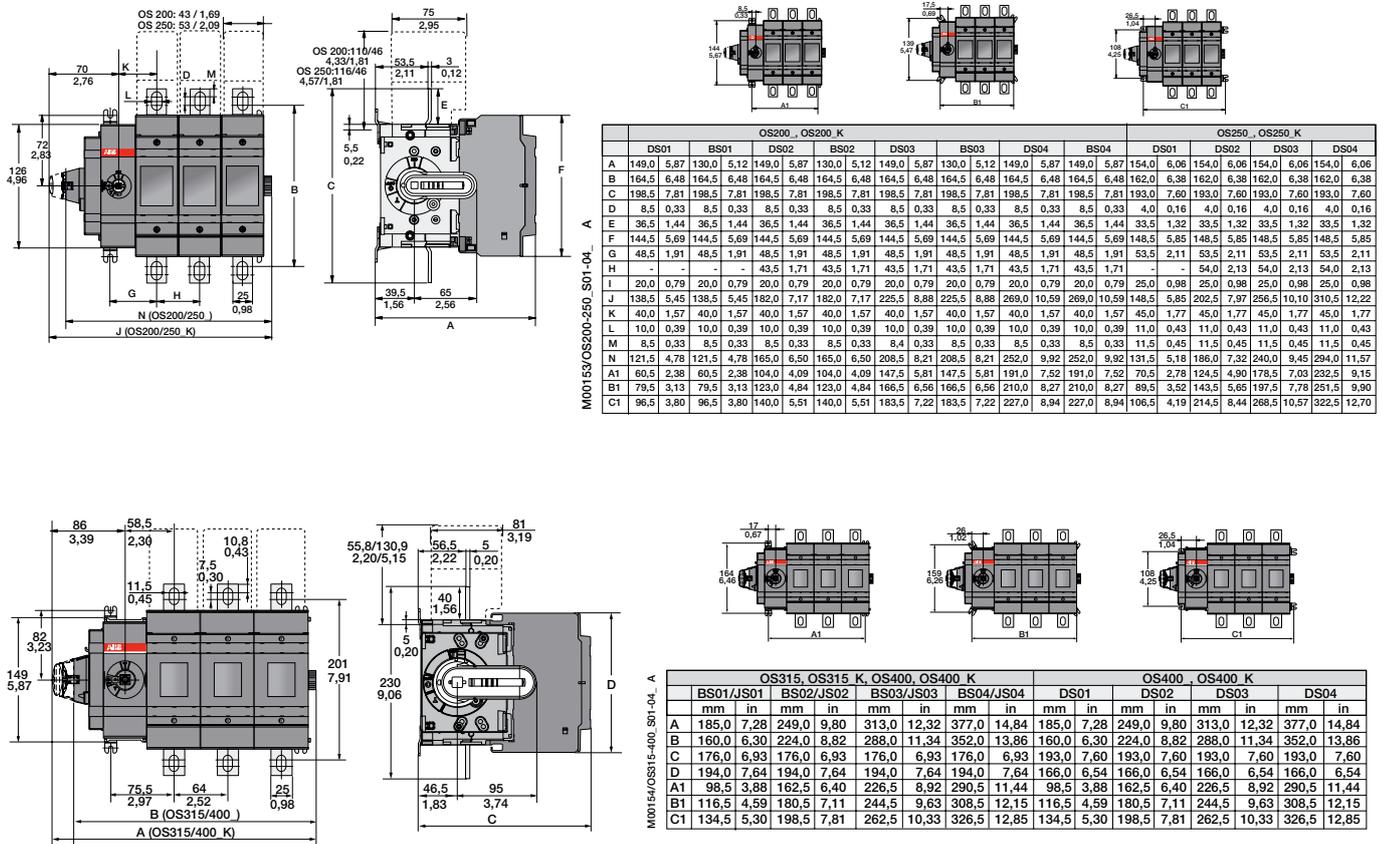


Side operated switch fuses Dimension drawings

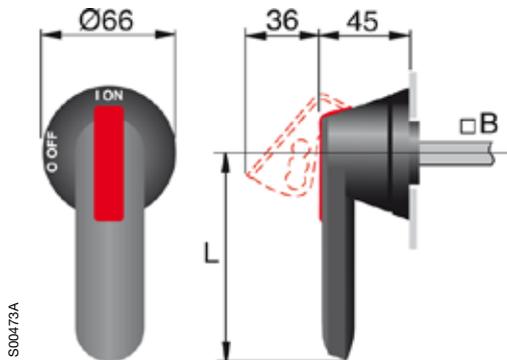
OS 100 UL- types



OS 200...400 D/B S_ -types

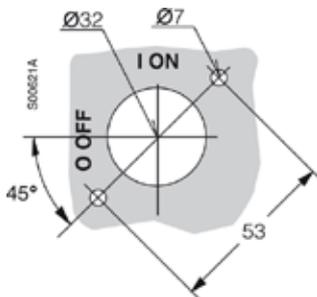


Plastic handles

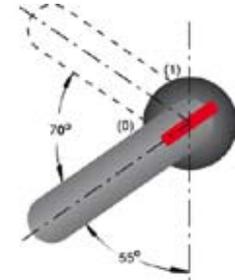
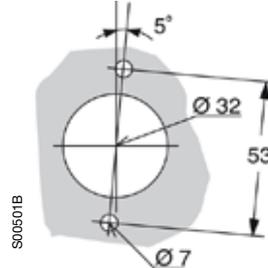


Type	L handle length	B shaft diameter
OH_45J5	45	5
OH_65J5	65	5
OH_45J6	45	6
OH_65J6	65	6
OH_80J6	80	6
OH_125J12	125	12
OH_145J12	145	12
OH_175J12	175	12
OH_275J12	275	12

Door drilling for OH_ handles:



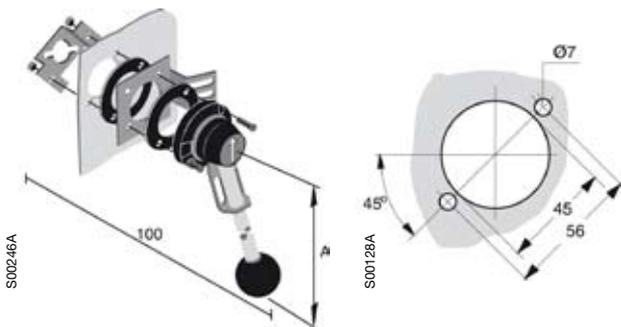
Door drilling for plastic handles OH...E002S in side operated switches:



Metallic handles

YASDA 7, 8 (A=220)

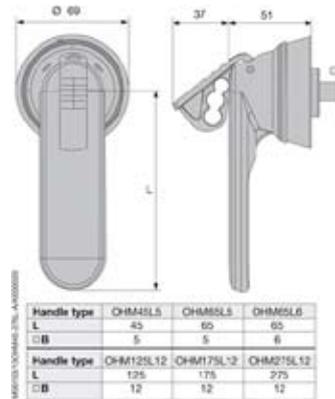
Door drilling for YASDA:



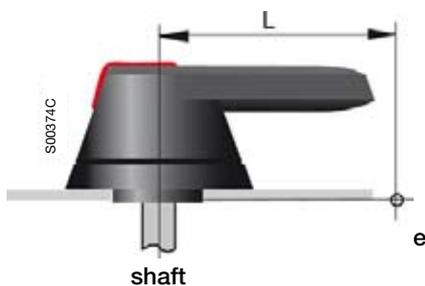
Stainless steel handles

OHM_

Door drilling for OHM_



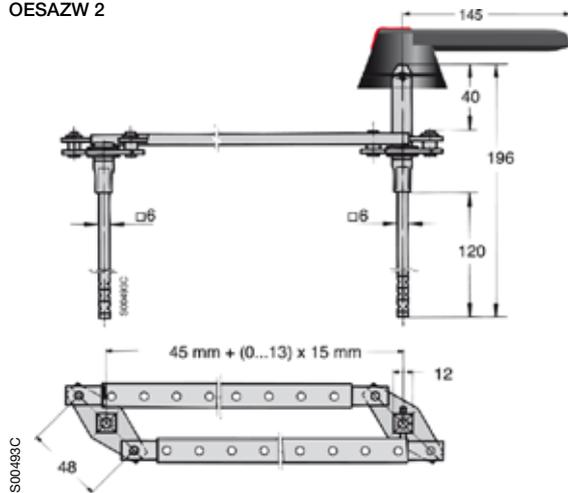
Minimum distance L between the hinge and the rotating shaft



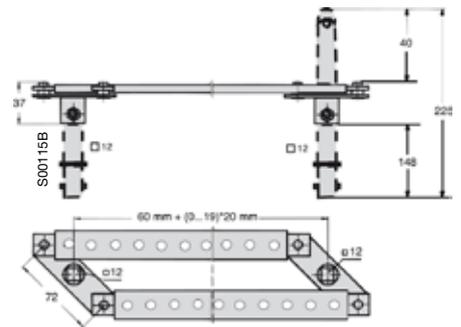
Sizes [A]	L [mm]	Suitable handles
32...63	60	OH_45J_, OH_65J_
32...160	80	OH_80J_
400	150	OH_125J12, OH_145J12
400...800	175 275	OH_175J12 OH_275J12
400...800	220	YASDA 7, 8

6 and 8-pole switch fuses

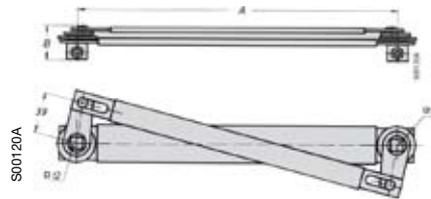
OESAZW 2



OETLZW 9



Mechanical interlock

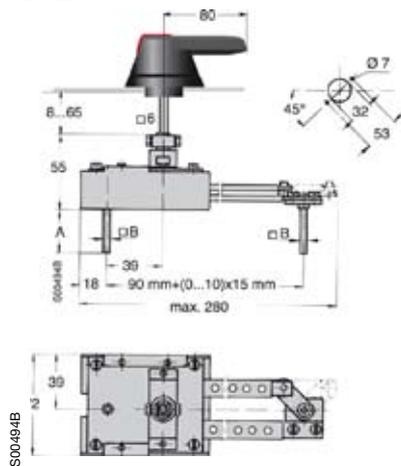


OETLZW 3, 14, 15

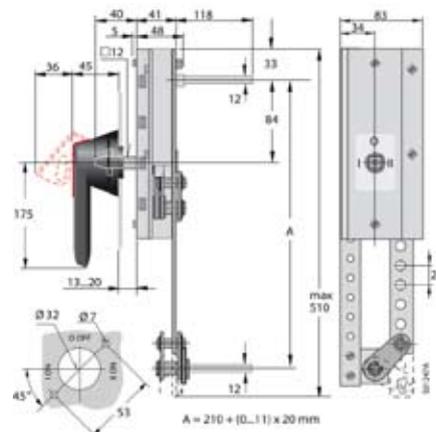
OETLZW 3: A= 300, B= 31
 OETLZW 14: A= 250, B= 31
 OETLZW 15: A0=500, B= 36

Change-over and by-pass switch fuses

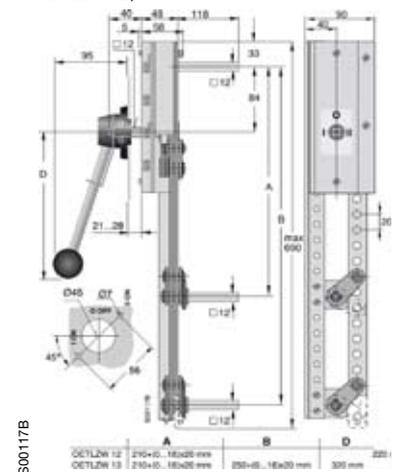
OESAZW 1



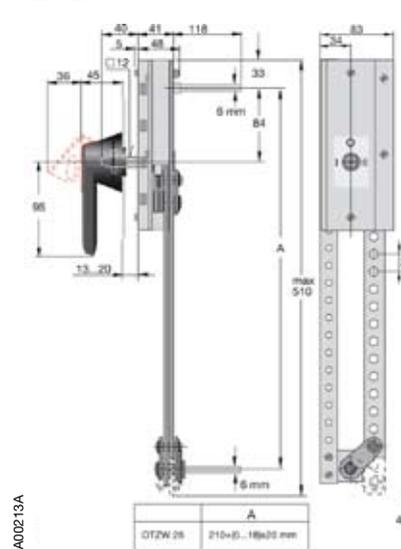
OETLZW11



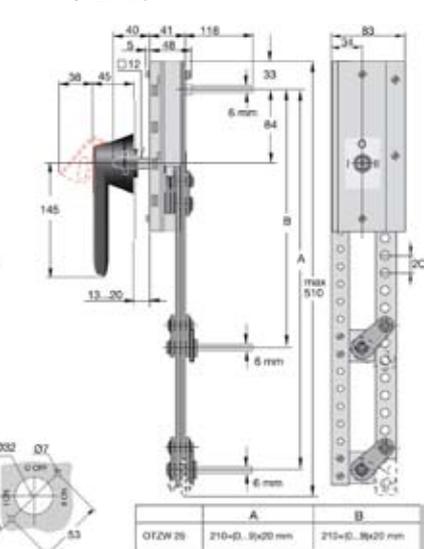
OETLZW12, 13



OTZW 25

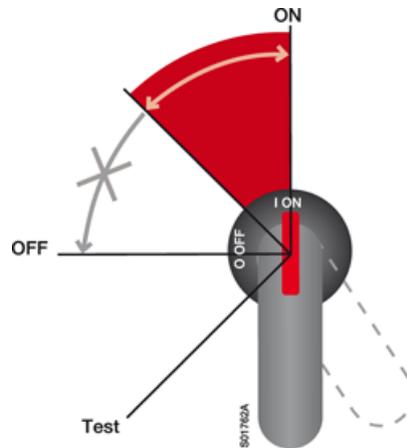


OTZW 26



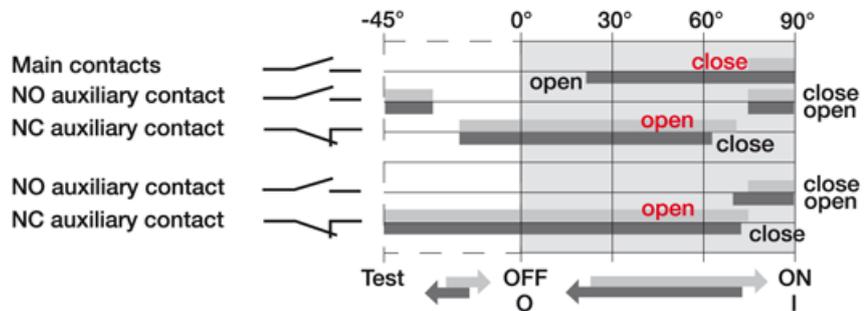
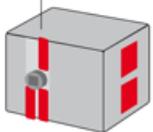
Handle indications and functions

- The handle indicates the position of the contacts with complete reliability in all situations.
If the contacts are welded together, the handle doesn't reach the OFF-position but remains between ON and OFF, maintaining the door interlock and padlocking is not possible to do.
- When operating the switch fuse to the Test-position with a test handle the test auxiliary contacts change position. The main contacts remain open.



ON and OFF-functions of main and auxiliary contacts

Places of auxiliary contacts and Test ind.

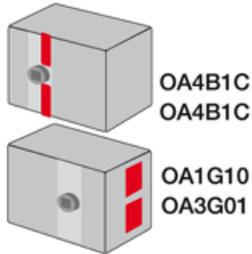




Switch fuses Contact functions

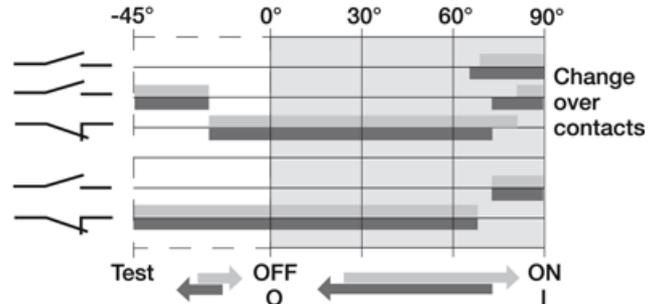
ON and OFF-functions of main and auxiliary contacts

OS mini

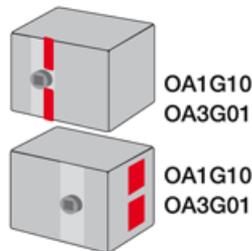


Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact

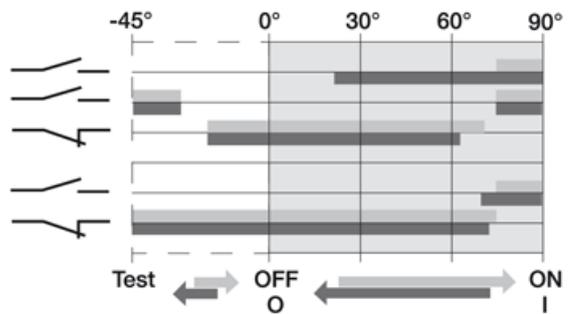


OS 30-63

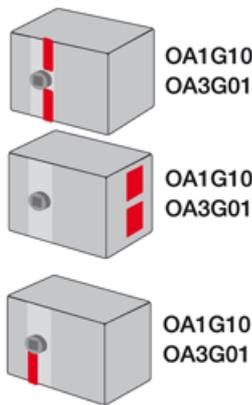


Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact



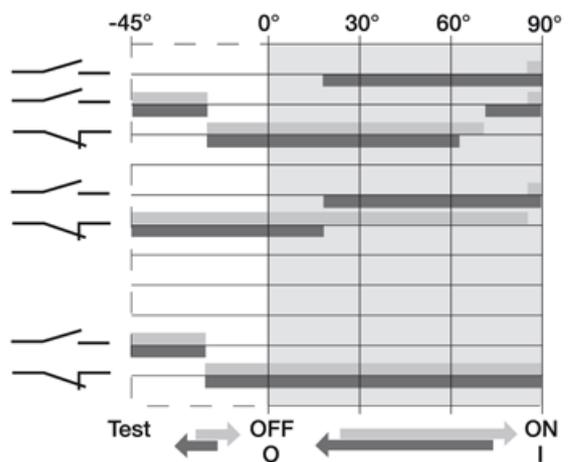
OS 100-200



Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact

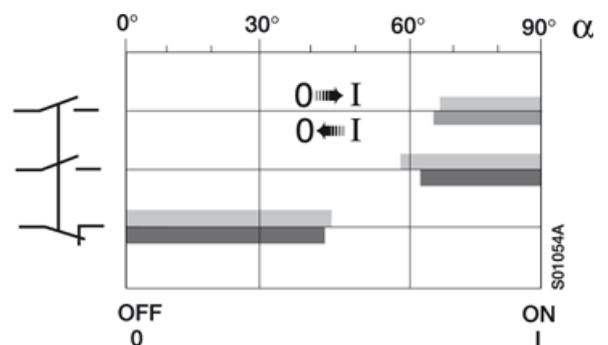
Test ind NO
Test ind NC



OS Mini

MCB-10
+ OESA ZX 169 1 NO
MCB-01
+ OESA ZX 169 1 NC

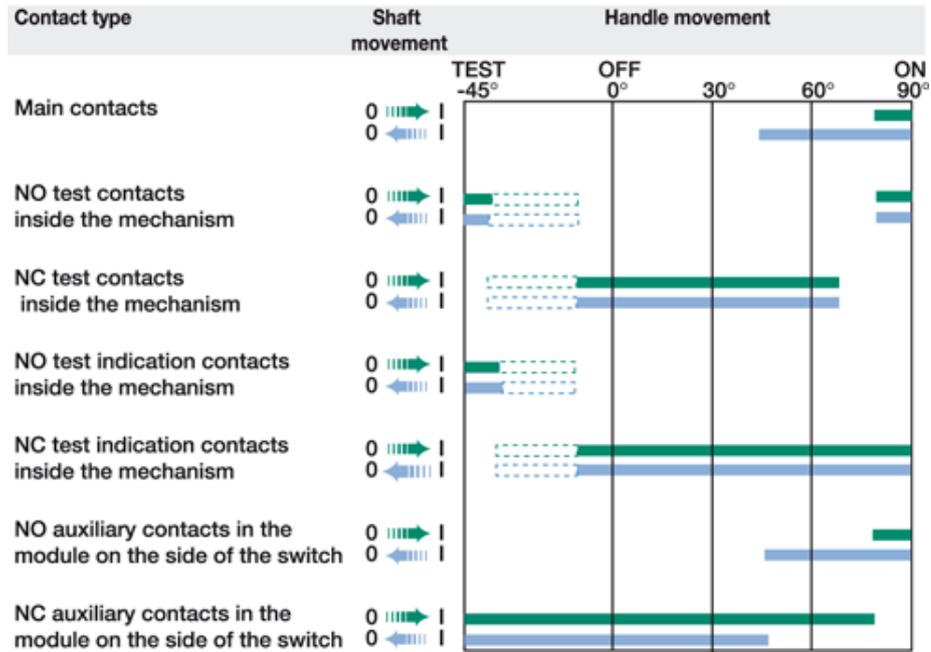
Main contacts
NO auxiliary contact
NC auxiliary contact





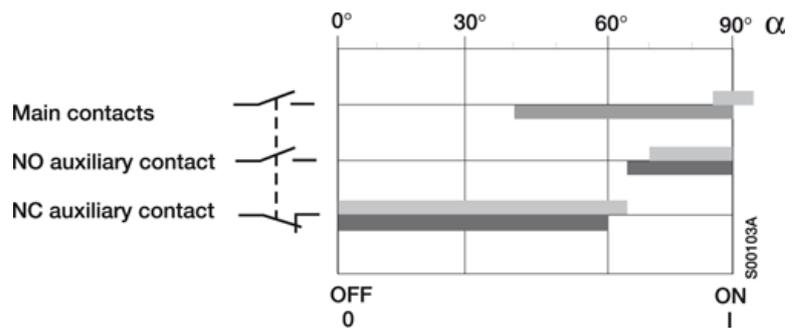
Switch fuses Contact functions

ON and OFF-functions of main and auxiliary contacts OS200...800



OES 600...800

Auxiliary contact	Contact configuration
OZXK 1	1 NO - 1 NC
OZXK 2	2 NO - 2 NC
OZXK 3	4 NO - 4 NC
OZXK 4	2 NO
OZXK 5	4 NO
OZXK 6	8 NO





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Type	Order number	Page	Description	Type	Order number	Page	Description
MCB-01	1SCA022150R5370	34	Auxiliary contact	OFS690	1SCA022715R9920	41	Fuse monitor
MCB-10	1SCA022150R5110	34	Auxiliary contact	OHB 145J12E011	1SCA022399R8530	30	Optional handle
OA1G10	1SCA022353R4970	34	Auxiliary contact	OHB 175J12E011	1SCA022459R9700	30	Optional handle
OA1G10	1SCA022353R4970	35	Auxiliary contact	OHB125J12	1SCA022381R1560	30	Optional handle
OA3G01	1SCA022456R7410	34	Auxiliary contact	OHB145J12	1SCA022381R2110	30	Optional handle
OA3G01	1SCA022456R7410	35	Auxiliary contact	OHB145J12E002S	1SCA022383R5400	31	Optional handle
OA4B01	1SCA022276R9210	34	Auxiliary contact	OHB175J12	1SCA022381R2450	30	Optional handle
OA4B10	1SCA022276R9050	34	Auxiliary contact	OHB275J12	1SCA022381R2960	30	Optional handle
OA4B1C	1SCA022193R0150	34	Auxiliary contact	OHB4	1SCA022439R4050	31	Direct mounted handle
OA5G10	1SCA022660R2760	34	Auxiliary contact	OHB5	1SCA022192R9220	31	Direct mounted handle
OA6G01	1SCA022670R4500	34	Auxiliary contact	OHB65J5	1SCA022380R9070	30	Optional handle
OEA28	1SCA022714R8810	35	Auxiliary contact	OHB65J5T	1SCA022382R9340	30	Optional handle
OES600J3P	1SCA022380R5160	19	Switch fuse, UL- and CSA-type	OHB65J5TE00S	1SCA022382R9180	31	Optional handle
OES800L3P	1SCA022380R5410	19	Switch fuse, UL- and CSA-type	OHB65J6	1SCA022380R9660	30	Optional handle
OESAZG5	1SCA022057R1380	36	Solid link	OHB65J6T	1SCA022399R8110	30	Optional handle
OESAZG98	1SCA022354R9650	36	Solid link	OHB65J6TE001S	1SCA022532R2190	31	Optional handle
OESAZK98	1SCA022067R7370	36	Solid link	OHB95J12	1SCA022381R0830	30	Optional handle
OESAZL79	1SCA022067R7110	36	Solid link	OHG 145J12E011	1SCA022460R7140	30	Optional handle
OESAZS36	1SCA022044R4600	36	Solid link	OHG 175J12E011	1SCA022461R2060	30	Optional handle
OESAZW1	1SCA022064R3710	39	Conversion kit	OHG125J12	1SCA022381R1640	30	Optional handle
OESAZW2	1SCA022078R1600	39	Conversion kit	OHG145J12	1SCA022381R2290	30	Optional handle
OESAZX 160	1SCA022186R3960	36	Neutral link	OHG145J12E002S	1SCA022461R0100	31	Optional handle
OESAZX 162	1SCA022193R0400	36	Neutral link	OHG175J12	1SCA022381R2610	30	Optional handle
OESAZX 164	1SCA022202R9520	36	Neutral link	OHG275J12	1SCA022381R3000	30	Optional handle
OESAZX 165	1SCA022202R9790	36	Neutral link	OHG65J5	1SCA022380R9150	30	Optional handle
OESAZX 1-J6T6	1SCA022101R2850	19	Adapter kits to convert J-type to T-type	OHG65J5T	1SCA022556R2070	30	Optional handle
OESAZX169	1SCA022196R9360	34	Mounting frame for auxiliary contact	OHG65J5TE00S	1SCA022556R2150	31	Optional handle
OESAZX171	1SCA022197R2580	36	Neutral link	OHG65J6	1SCA022380R9740	30	Optional handle
OETLZK19	1SCA022093R1850	33	Adapter for extension socket	OHG65J6T	1SCA022456R9620	30	Optional handle
OETLZW11	1SCA022078R0030	39	Conversion kit	OHG65J6TE001S	1SCA022532R2350	31	Optional handle
OETLZW12	1SCA022078R0200	39	Conversion kit	OHG95J12	1SCA022381R0910	30	Optional handle
OETLZW13	1SCA022078R0460	39	Conversion kit	OHM125L12	1SCA022739R1150	30	Optional handle
OETLZW14	1SCA022077R3410	39	Conversion kit	OHM175L12	1SCA022739R1230	30	Optional handle
OETLZW15	1SCA022081R9340	39	Conversion kit	OHM275L12	1SCA022832R4840	30	Optional handle
OETLZW16	1SCA022095R2070	42	Cam attachment	OHM65L6	1SCA022739R1070	30	Optional handle
OETLZW3	1SCA022049R0380	39	Conversion kit	OHY 145J12E011	1SCA022460R7060	30	Optional handle
OETLZW5	1SCA022052R3900	42	Cam attachment	OHY 175J12E011	1SCA022461R1920	30	Optional handle
OETLZW9	1SCA022061R3300	39	Conversion kits	OHY125J12	1SCA022381R1720	30	Optional handle
OETLZX 74	1SCA022070R2660	31	Optional handle	OHY145J12	1SCA022381R2370	30	Optional handle
OETLZX95	1SCA022083R5620	33	Shaft extension socket	OHY145J12E002S	1SCA022383R5310	31	Optional handle
OFAE 504	1SCA022007R6880	31	Fuse replacement handle	OHY175J12	1SCA022381R2700	30	Optional handle
OFAE 505	1SCA022137R0770	31	Fuse replacement handle	OHY275J12	1SCA022381R3180	30	Optional handle
OFAW00	1SCA022003R9680	36	Solid link	OHY65J5	1SCA022380R9230	30	Optional handle
OFAW1	1SCA022003R9760	36	Solid link	OHY65J5T	1SCA022429R0940	30	Optional handle
OFAW2	1SCA022003R9840	36	Solid link	OHY65J5TE00S	1SCA022556R8510	31	Optional handle
OFAW3	1SCA022003R9920	36	Solid link	OHY65J6	1SCA022380R9820	30	Optional handle
OFM260	1SCA022459R8560	41	Fuse monitor	OHY65J6T	1SCA022456R9540	30	Optional handle
OFM690	1SCA022459R8480	41	Fuse monitor	OHY65J6TE001S	1SCA022532R2270	31	Optional handle
OFMZX2	1SCA022475R9910	41	Fuse monitor	OHY95J12	1SCA022381R1050	30	Optional handle
OFS260	1SCA022716R0180	41	Fuse monitor	OHZX14	1SCA022851R6590	31	Extension ring for pistol type handle



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Type	Order number	Page	Description
OS100B03	1SCA022456R9030	15	Switch fuse, BS type
OS100B03W	1SCA022546R9530	15	Switch fuse, BS type
OS100B04N2	1SCA022508R3690	15	Switch fuse, BS type
OS100B04N2W	1SCA022552R0820	15	Switch fuse, BS type
OS100B12	1SCA022483R4120	14	Front operated switch fuse
OS100B12W	1SCA022546R9610	14	Front operated switch fuse
OS100B22N1	1SCA022544R6240	14	Front operated switch fuse
OS100B22N1W	1SCA022552R0580	14	Front operated switch fuse
OS100BS30	1SCA022508R3000	23	Switch fuse, BS-type
OS100BS30W	1SCA022548R3010	23	Switch fuse, BS-type
OS100BS40N1	1SCA022544R7480	23	Switch fuse, BS-type
OS100BS40N1W	1SCA022552R4140	23	Switch fuse, BS-type
OS100BS40N2	1SCA022544R7560	23	Switch fuse, BS-type
OS100BS40N2W	1SCA022552R4490	23	Switch fuse, BS-type
OS100C03P	1SCA022456R8730	20	Switch fuse, CSA-type
OS100C03WP	1SCA022548R0000	20	Switch fuse, CSA-type
OS100C04FP	1SCA022507R6810	20	Switch fuse, CSA-type
OS100C04FWP	1SCA022552R3840	20	Switch fuse, CSA-type
OS100C04N2P	1SCA022508R3930	20	Switch fuse, CSA-type
OS100C04N2WP	1SCA022552R3760	20	Switch fuse, CSA-type
OS100C12P	1SCA022483R4630	20	Switch fuse, CSA-type
OS100C12WP	1SCA022548R0260	20	Switch fuse, CSA-type
OS100C22FP	1SCA022507R6990	20	Switch fuse, CSA-type
OS100C22FWP	1SCA022552R3500	20	Switch fuse, CSA-type
OS100C22N1P	1SCA022544R7130	20	Switch fuse, CSA-type
OS100C22N1WP	1SCA022552R3410	20	Switch fuse, CSA-type
OS100CS30P	1SCA022508R3420	27	Switch fuse, CSA-type
OS100CS30WP	1SCA022548R1150	27	Switch fuse, CSA-type
OS100CS40FP	1SCA022544R9260	27	Switch fuse, CSA-type
OS100CS40FWP	1SCA022552R6600	27	Switch fuse, CSA-type
OS100CS40N1P	1SCA022544R9000	27	Switch fuse, CSA-type
OS100CS40N1WP	1SCA022552R5970	27	Switch fuse, CSA-type
OS100CS40N2P	1SCA022544R9180	27	Switch fuse, CSA-type
OS100CS40N2WP	1SCA022552R6010	27	Switch fuse, CSA-type
OS100F03	1SCA022502R6460	17	Switch fuse, NFC-type
OS100F03W	1SCA022547R7390	17	Switch fuse, NFC-type
OS100F04F	1SCA022502R6540	17	Switch fuse, NFC-type
OS100F04FW	1SCA022552R2610	17	Switch fuse, NFC-type
OS100F04N2	1SCA022508R4580	17	Switch fuse, NFC-type
OS100F04N2W	1SCA022552R2440	17	Switch fuse, NFC-type
OS100F12	1SCA022508R2450	17	Switch fuse, NFC-type
OS100F12W	1SCA022547R7550	17	Switch fuse, NFC-type
OS100F22F	1SCA022508R2610	17	Switch fuse, NFC-type
OS100F22FW	1SCA022552R2280	17	Switch fuse, NFC-type
OS100F22N1	1SCA022544R6670	17	Switch fuse, NFC-type
OS100F22N1W	1SCA022552R2010	17	Switch fuse, NFC-type
OS100FS30	1SCA022502R6620	25	Switch fuse, NFC-type
OS100FS30W	1SCA022547R8010	25	Switch fuse, NFC-type
OS100FS40F	1SCA022502R6710	25	Switch fuse, NFC-type
OS100FS40FW	1SCA022552R5540	25	Switch fuse, NFC-type

Type	Order number	Page	Description
OS100FS40N1	1SCA022544R8370	25	Switch fuse, NFC-type
OS100FS40N1W	1SCA022552R5030	25	Switch fuse, NFC-type
OS100FS40N2	1SCA022544R8450	25	Switch fuse, NFC-type
OS100FS40N2W	1SCA022552R5200	25	Switch fuse, NFC-type
OS100J03P	1SCA022456R8810	18	Switch fuse, UL- and CSA-type
OS100J03WP	1SCA022547R4960	18	Switch fuse, UL- and CSA-type
OS100J04FP	1SCA022508R2700	18	Switch fuse, UL- and CSA-type
OS100J04FWP	1SCA022552R3330	18	Switch fuse, UL- and CSA-type
OS100J04N2P	1SCA022544R7050	18	Switch fuse, UL- and CSA-type
OS100J04N2WP	1SCA022552R3250	18	Switch fuse, UL- and CSA-type
OS100J12P	1SCA022483R4550	18	Switch fuse, UL- and CSA-type
OS100J12WP	1SCA022547R5000	18	Switch fuse, UL- and CSA-type
OS100J22FP	1SCA022508R2960	18	Switch fuse, UL- and CSA-type
OS100J22FWP	1SCA022552R3170	18	Switch fuse, UL- and CSA-type
OS100J22N1P	1SCA022544R6830	18	Switch fuse, UL- and CSA-type
OS100J22N1WP	1SCA022552R3090	18	Switch fuse, UL- and CSA-type
OS100JS30P	1SCA022508R3510	26	Switch, UL- and CSA-type
OS100JS30WP	1SCA022547R5510	26	Switch, UL- and CSA-type
OS100JS40FP	1SCA022544R8960	26	Switch, UL- and CSA-type
OS100JS40FWP	1SCA022552R5890	26	Switch, UL- and CSA-type
OS100JS40N1P	1SCA022544R8700	26	Switch, UL- and CSA-type
OS100JS40N1WP	1SCA022552R5620	26	Switch, UL- and CSA-type
OS100JS40N2P	1SCA022544R8880	26	Switch, UL- and CSA-type
OS100JS40N2WP	1SCA022552R5710	26	Switch, UL- and CSA-type
OS125B03	1SCA022456R9110	15	Switch fuse, BS type
OS125B03W	1SCA022546R4220	15	Switch fuse, BS type
OS125B04N2	1SCA022508R3850	15	Switch fuse, BS type
OS125B04N2W	1SCA022552R0910	15	Switch fuse, BS type
OS125B12	1SCA022483R4390	14	Front operated switch fuse
OS125B12W	1SCA022546R4730	14	Front operated switch fuse
OS125B22N1	1SCA022544R6320	14	Front operated switch fuse
OS125B22N1W	1SCA022552R6780	14	Front operated switch fuse
OS125BS30	1SCA022508R3340	23	Switch fuse, BS-type
OS125BS30W	1SCA022548R1310	23	Switch fuse, BS-type
OS125BS40N1	1SCA022544R7720	23	Switch fuse, BS-type
OS125BS40N1W	1SCA022552R4220	23	Switch fuse, BS-type
OS125BS40N2	1SCA022544R7810	23	Switch fuse, BS-type
OS125BS40N2W	1SCA022552R4570	23	Switch fuse, BS-type
OS125D03	1SCA022469R8780	12	Switch fuse, DIN type
OS125D03W	1SCA022537R2110	12	Switch fuse, DIN type
OS125D04F	1SCA022469R8860	12	Switch fuse, DIN type
OS125D04FW	1SCA022537R3420	12	Switch fuse, DIN type
OS125D04N2	1SCA022507R3030	12	Switch fuse, DIN type
OS125D04N2W	1SCA022538R2250	12	Switch fuse, DIN type
OS125D12	1SCA022472R1860	12	Switch fuse, DIN type
OS125D12W	1SCA022537R2020	12	Switch fuse, DIN type
OS125D22F	1SCA022507R2900	12	Switch fuse, DIN type
OS125D22FW	1SCA022537R3260	12	Switch fuse, DIN type
OS125D22N1	1SCA022537R8730	12	Switch fuse, DIN type
OS125D22N1W	1SCA022537R8900	12	Switch fuse, DIN type



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Type	Order number	Page	Description
OS125DS30	1SCA022502R6890	21	Switch fuse, DIN-type
OS125DS30W	1SCA022538R3060	21	Switch fuse, DIN-type
OS125DS40F	1SCA022502R6970	21	Switch fuse, DIN-type
OS125DS40FW	1SCA022543R2290	21	Switch fuse, DIN-type
OS125DS40N1	1SCA022543R2370	21	Switch fuse, DIN-type
OS125DS40N1W	1SCA022543R2450	21	Switch fuse, DIN-type
OS125DS40N2	1SCA022544R7210	21	Switch fuse, DIN-type
OS125DS40N2W	1SCA022552R3920	21	Switch fuse, DIN-type
OS125F03	1SCA022502R7010	17	Switch fuse, NFC-type
OS125F03W	1SCA022547R0380	17	Switch fuse, NFC-type
OS125F04F	1SCA022503R0810	17	Switch fuse, NFC-type
OS125F04FW	1SCA022552R2790	17	Switch fuse, NFC-type
OS125F04N2	1SCA022505R1570	17	Switch fuse, NFC-type
OS125F04N2W	1SCA022552R2520	17	Switch fuse, NFC-type
OS125F12	1SCA022507R7290	17	Switch fuse, NFC-type
OS125F12W	1SCA022547R0620	17	Switch fuse, NFC-type
OS125F22F	1SCA022507R7370	17	Switch fuse, NFC-type
OS125F22FW	1SCA022552R2360	17	Switch fuse, NFC-type
OS125F22N1	1SCA022544R6750	17	Switch fuse, NFC-type
OS125F22N1W	1SCA022552R2100	17	Switch fuse, NFC-type
OS125FS30	1SCA022502R7270	25	Switch fuse, NFC-type
OS125FS30W	1SCA022547R2080	25	Switch fuse, NFC-type
OS125FS40F	1SCA022502R7350	25	Switch fuse, NFC-type
OS125FS40FW	1SCA022552R5460	25	Switch fuse, NFC-type
OS125FS40N1	1SCA022544R8530	25	Switch fuse, NFC-type
OS125FS40N1W	1SCA022552R5110	25	Switch fuse, NFC-type
OS125FS40N2	1SCA022544R8610	25	Switch fuse, NFC-type
OS125FS40N2W	1SCA022552R5380	25	Switch fuse, NFC-type
OS160B03	1SCA022536R0870	15	Switch fuse, BS type
OS160B03W	1SCA022543R3770	15	Switch fuse, BS type
OS160B04N2	1SCA022508R3770	15	Switch fuse, BS type
OS160B04N2W	1SCA022543R3930	15	Switch fuse, BS type
OS160B12	1SCA022483R4470	14	Front operated switch fuse
OS160B12W	1SCA022545R9650	14	Front operated switch fuse
OS160B22N1	1SCA022544R6590	14	Front operated switch fuse
OS160B22N1W	1SCA022552R0740	14	Front operated switch fuse
OS160BS30	1SCA022508R3260	23	Switch fuse, BS-type
OS160BS30W	1SCA022548R1230	23	Switch fuse, BS-type
OS160BS40N1	1SCA022544R8020	23	Switch fuse, BS-type
OS160BS40N1W	1SCA022552R4310	23	Switch fuse, BS-type
OS160BS40N2	1SCA022544R8110	23	Switch fuse, BS-type
OS160BS40N2W	1SCA022552R4650	23	Switch fuse, BS-type
OS160D03	1SCA022456R8310	12	Switch fuse, DIN type
OS160D03W	1SCA022510R6310	12	Switch fuse, DIN type
OS160D04F	1SCA022469R8940	12	Switch fuse, DIN type
OS160D04FW	1SCA022510R6570	12	Switch fuse, DIN type
OS160D04N2	1SCA022507R2650	12	Switch fuse, DIN type
OS160D04N2W	1SCA022510R6490	12	Switch fuse, DIN type
OS160D12	1SCA022472R0030	12	Switch fuse, DIN type
OS160D12W	1SCA022510R6650	12	Switch fuse, DIN type
OS160D22F	1SCA022506R0560	12	Switch fuse, DIN type
OS160D22FW	1SCA022510R6810	12	Switch fuse, DIN type

Type	Order number	Page	Description
OS160D22N1	1SCA022537R6520	12	Switch fuse, DIN type
OS160D22N1W	1SCA022537R8570	12	Switch fuse, DIN type
OS160DS30	1SCA022502R6970	21	Switch fuse, DIN-type
OS160DS30W	1SCA022538R2410	21	Switch fuse, DIN-type
OS160DS40F	1SCA022502R7430	21	Switch fuse, DIN-type
OS160DS40FW	1SCA022538R6080	21	Switch fuse, DIN-type
OS160DS40N1	1SCA022537R6280	21	Switch fuse, DIN-type
OS160DS40N1W	1SCA022538R6590	21	Switch fuse, DIN-type
OS160DS40N2	1SCA022544R7300	21	Switch fuse, DIN-type
OS160DS40N2W	1SCA022552R4060	21	Switch fuse, DIN-type
OS16D1201	1SCA022557R6610	18	Switch fuse, Neozed-type
OS16D2201F	1SCA022557R6880	18	Switch fuse, Neozed-type
OS16D2201N1	1SCA022557R6700	18	Switch fuse, Neozed-type
OS16DS3001	1SCA022557R6020	26	Switch fuse, Neozed-type
OS16DS4001F	1SCA022557R6290	26	Switch fuse, Neozed-type
OS16DS4001N1	1SCA022557R6110	26	Switch fuse, Neozed-type
OS200B03K	1SCA022763R6950	16	Switch fuse, BS type
OS200B03N3P	1SCA022750R0620	16	Switch fuse, BS type
OS200B03P	1SCA022709R9330	16	Switch fuse, BS type
OS200B04N2K	1SCA022763R7090	16	Switch fuse, BS type
OS200B04N2P	1SCA022709R9410	16	Switch fuse, BS type
OS200B12P	1SCA022721R3210	16	Switch fuse, BS type
OS200BS03	1SCA022860R3810	24	Switch fuse, BS-type
OS200BS03K	1SCA022860R3990	24	Switch fuse, BS-type
OS200BS04N2	1SCA022870R7510	24	Switch fuse, BS-type
OS200BS04N2K	1SCA022870R7690	24	Switch fuse, BS-type
OS200BS30	1SCA022870R7770	24	Switch fuse, BS-type
OS200BS30K	1SCA022870R7850	24	Switch fuse, BS-type
OS200BS40N2	1SCA022870R8150	24	Switch fuse, BS-type
OS200BS40N2K	1SCA022870R8230	24	Switch fuse, BS-type
OS200D03K	1SCA022764R7130	13	Switch fuse, DIN type, direct mounted handle
OS200D03N3P	1SCA022749R8710	13	Switch fuse, DIN type
OS200D03P	1SCA022709R9500	13	Switch fuse, DIN type
OS200D04FP	1SCA022725R4750	13	Switch fuse, DIN type
OS200D04N2K	1SCA022768R7430	13	Switch fuse, DIN type, direct mounted handle
OS200D04N2P	1SCA022709R9680	13	Switch fuse, DIN type
OS200D12P	1SCA022721R3050	13	Switch fuse, DIN type
OS200D22N2P	1SCA022721R3130	13	Switch fuse, DIN type
OS200DS03	1SCA022871R0720	22	Switch fuse, DIN-type
OS200DS03K	1SCA022871R0810	22	Switch fuse, DIN-type
OS200DS04F	1SCA022871R0990	22	Switch fuse, DIN-type
OS200DS04FK	1SCA022871R1020	22	Switch fuse, DIN-type
OS200DS30	1SCA022871R1370	22	Switch fuse, DIN-type
OS200DS30K	1SCA022871R1450	22	Switch fuse, DIN-type
OS200DS40F	1SCA022871R1530	22	Switch fuse, DIN-type
OS200DS40FK	1SCA022871R1610	22	Switch fuse, DIN-type
OS200DZ03P	1SCA022797R3440	13	Switch fuse, DIN type
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OS200DZ04N2P	1SCA022820R9230	13	Switch fuse, DIN type



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OS20B22A1N1	1SCA022533R8780	14	Front operated switch fuse
OS20BS30A1	1SCA022533R8940	23	Switch fuse, BS-type
OS20BS40A1N1	1SCA022533R9080	23	Switch fuse, BS-type
OS250B03K	1SCA022763R6010	16	Switch fuse, BS type
OS250B03N3P	1SCA022750R8010	16	Switch fuse, BS type
OS250B03P	1SCA022750R6660	16	Switch fuse, BS type
OS250B04N2K	1SCA022763R6280	16	Switch fuse, BS type
OS250B04N2P	1SCA022750R7800	16	Switch fuse, BS type
OS250B12P	1SCA022778R9860	16	Switch fuse, BS type
OS250B22N2P	1SCA022778R9940	16	Switch fuse, BS type
OS250BS03	1SCA022860R4370	24	Switch fuse, BS-type
OS250BS03K	1SCA022860R4450	24	Switch fuse, BS-type
OS250BS04N2	1SCA022870R8310	24	Switch fuse, BS-type
OS250BS04N2K	1SCA022870R8400	24	Switch fuse, BS-type
OS250BS30	1SCA022870R8580	24	Switch fuse, BS-type
OS250BS30K	1SCA022870R8660	24	Switch fuse, BS-type
OS250BS40N2	1SCA022870R8910	24	Switch fuse, BS-type
OS250BS40N2K	1SCA022870R9040	24	Switch fuse, BS-type
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OS250D03N3P	1SCA022749R9430	13	Switch fuse, DIN type
OS250D03P	1SCA022719R0090	13	Switch fuse, DIN type
OS250D04FP	1SCA022726R8620	13	Switch fuse, DIN type
OS250D04N2K	1SCA022763R6440	13	Switch fuse, DIN type, direct mounted handle
OS250D04N2P	1SCA022719R2380	13	Switch fuse, DIN type
OS250D12P	1SCA022726R8380	13	Switch fuse, DIN type
OS250D22N2P	1SCA022726R8460	13	Switch fuse, DIN type
OS250DS03	1SCA022860R3050	22	Switch fuse, DIN-type
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OS250DS04F	1SCA022860R3210	22	Switch fuse, DIN-type
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OS250DS40FK	1SCA022871R2420	22	Switch fuse, DIN-type
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OS25F2210F	1SCA022534R0170	17	Switch fuse, NFC-type
OS25F2210N1	1SCA022534R0840	17	Switch fuse, NFC-type
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OS25FS4010F	1SCA022534R0330	25	Switch fuse, NFC-type
OS25FS4010N1	1SCA022534R1220	25	Switch fuse, NFC-type
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OS30ACC22FP	1SCA022533R7030	18	Switch fuse, UL- and CSA-type
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OS30CS40FP	1SCA022472R1350	27	Switch fuse, CSA-type
OS30CS40N1P	1SCA022471R9700	27	Switch fuse, CSA-type
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OS315B03N3P	1SCA022753R8940	16	Switch fuse, BS type
OS315B03P	1SCA022719R0680	16	Switch fuse, BS type
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OS315B12P	1SCA022753R2310	16	Switch fuse, BS type
OS315B22N2P	1SCA022753R3390	16	Switch fuse, BS type
OS315BS03	1SCA022860R4700	24	Switch fuse, BS-type
OS315BS03K	1SCA022860R4880	24	Switch fuse, BS-type
OS315BS04N2	1SCA022870R9120	24	Switch fuse, BS-type
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OS315BS30	1SCA022870R9390	24	Switch fuse, BS-type
OS315BS30K	1SCA022870R9470	24	Switch fuse, BS-type
OS315BS40N2	1SCA022870R9710	24	Switch fuse, BS-type
OS315BS40N2K	1SCA022870R9800	24	Switch fuse, BS-type
OS32B12	1SCA022470R7610	14	Front operated switch fuse
OS32B12A1	1SCA022530R9500	14	Front operated switch fuse
OS32B12A2	1SCA022533R9830	14	Front operated switch fuse
OS32B12F1	1SCA022534R2030	14	Front operated switch fuse
OS32B22A1N1	1SCA022533R9410	14	Front operated switch fuse
OS32B22A2N1	1SCA022533R9910	14	Front operated switch fuse
OS32B22F1N1	1SCA022534R2200	14	Front operated switch fuse
OS32B22N1	1SCA022471R7080	14	Front operated switch fuse
OS32BS30	1SCA022471R6940	23	Switch fuse, BS-type
OS32BS30A1	1SCA022533R9670	23	Switch fuse, BS-type
OS32BS30A2	1SCA022534R0090	23	Switch fuse, BS-type
OS32BS30F1	1SCA022534R2380	23	Switch fuse, BS-type
OS32BS40A1N1	1SCA022533R9750	23	Switch fuse, BS-type
OS32BS40A2N1	1SCA022556R8430	23	Switch fuse, BS-type
OS32BS40F1N1	1SCA022534R2460	23	Switch fuse, BS-type
OS32BS40N1	1SCA022471R7410	23	Switch fuse, BS-type
OS32D12	1SCA022456R9710	12	Switch fuse, DIN type
OS32D22F	1SCA022456R9970	12	Switch fuse, DIN type
OS32D22N1	1SCA022456R9890	12	Switch fuse, DIN type
OS32DS30	1SCA022471R3090	21	Switch fuse, DIN-type
OS32DS40F	1SCA022472R0620	21	Switch fuse, DIN-type
OS32DS40N1	1SCA022471R6600	21	Switch fuses, DIN-type
OS32F1214	1SCA022534R1570	17	Switch fuse, NFC-type
OS32F2214F	1SCA022534R1310	17	Switch fuse, NFC-type
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OS32FS4014F	1SCA022534R1490	25	Switch fuse, NFC-type
OS32FS4014N1	1SCA022534R1900	25	Switch fuse, NFC-type
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OS35D2202F	1SCA022557R7180	18	Switch fuse, Neozed-type
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OS400B03P	1SCA022719R0840	16	Switch fuse, BS type
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OS400B22N2P	1SCA022753R7200	16	Switch fuse, BS type
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OS400BS03K	1SCA022860R5260	24	Switch fuse, BS-type
OS400BS04N2	1SCA022870R9980	24	Switch fuse, BS-type
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OS400BS30	1SCA022871R0130	24	Switch fuse, BS-type
OS400BS30K	1SCA022871R0210	24	Switch fuse, BS-type
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OS400BS40N2K	1SCA022871R0640	24	Switch fuse, BS-type
OS400D03K	1SCA022779R5410	13	Switch fuse, DIN type, direct mounted handle
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OS400D03P	1SCA022719R0250	13	Switch fuse, DIN type
OS400D04FP	1SCA022753R7110	13	Switch fuse, DIN type
OS400D04N2K	1SCA022763R7250	13	Switch fuse, DIN type, direct mounted handle
OS400D04N2P	1SCA022719R2460	13	Switch fuse, DIN type
OS400D12P	1SCA022753R3800	13	Switch fuse, DIN type
OS400D22N2P	1SCA022753R1770	13	Switch fuse, DIN type
OS400DS03	1SCA022860R3480	22	Switch fuse, DIN-type
OS400DS03K	1SCA022860R3560	22	Switch fuss, DIN-type
OS400DS04F	1SCA022860R3640	22	Switch fuse, DIN-type
OS400DS04FK	1SCA022860R3720	22	Switch fuss, DIN-type
OS400DS30	1SCA022871R2850	22	Switch fuse, DIN-type
OS400DS30K	1SCA022871R2930	22	Switch fuse, DIN-type
OS400DS40F	1SCA022871R3070	22	Switch fuse, DIN-type
OS400DS40FK	1SCA022871R3150	22	Switch fuse, DIN-type
OS400J03P	1SCA022719R1140	19	Switch fuse, UL- and CSA-type
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OS40DS30000	1SCA022651R6680	21	Switch fuse, DIN-type
OS40DS30000-N	1SCA022651R6760	21	Switch fuse, DIN-type
OS40DS40000N1	1SCA022651R6840	21	Switch fuse, DIN-type
OS50F12	1SCA022434R8020	17	Switch fuse, NFC-type
OS50F22F	1SCA022472R0110	17	Switch fuse, NFC-type
OS50F22N1	1SCA022471R0820	17	Switch fuse, NFC-type
OS50FS30	1SCA022471R1040	25	Switch fuse, NFC-type
OS50FS40F	1SCA022472R1190	25	Switch fuse, NFC-type
OS50FS40N1	1SCA022471R9610	25	Switch fuse, NFC-type
OS60C12P	1SCA022434R8370	20	Switch fuse, CSA-type
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OS60J22FP	1SCA022472R0460	18	Switch fuse, UL- and CSA-type
OS60J22N1P	1SCA022471R1210	18	Switch fuse, UL- and CSA-type
OS60JS30P	1SCA022471R0580	26	Switch, UL- and CSA-type
OS60JS40FP	1SCA022472R1430	26	Switch, UL- and CSA-type
OS60JS40N1P	1SCA022471R9880	26	Switch, UL- and CSA-type
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OS630B03P	1SCA022825R5850	16	Switch fuse, BS type
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OS630D12P	1SCA022825R3810	13	Switch fuse, DIN type
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OS63B12	1SCA022434R7990	14	Front operated switch fuse
OS63B22N1	1SCA022469R2580	14	Front operated switch fuse
OS63BS30	1SCA022471R0150	23	Switch fuse, BS-type
OS63BS40N1	1SCA022471R7320	23	Switch fuse, BS-type
OS63D12	1SCA022434R7810	12	Switch fuse, DIN type
OS63D22F	1SCA022456R9460	12	Switch fuse, DIN type
OS63D22N1	1SCA022457R0040	12	Switch fuse, DIN type
OS63DS30	1SCA022467R6970	21	Switch fuse, DIN-type
OS63DS40F	1SCA022472R0540	21	Switch fuse, DIN-type
OS63DS40N1	1SCA022471R5890	21	Switch fuse, DIN-type
OS63F12	1SCA022434R8110	17	Switch fuse, NFC-type
OS63F22F	1SCA022471R9960	17	Switch fuse, NFC-type
OS63F22N1	1SCA022471R0740	17	Switch fuse, NFC-type
OS63FS30	1SCA022471R0910	25	Switch fuse, NFC-type
OS63FS40F	1SCA022472R0970	25	Switch fuse, NFC-type
OS63FS40N1	1SCA022471R9530	25	Switch fuse, NFC-type
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EXP5X400-451)	1SCA022474R2190	32	Extended shaft
EXP5X400-451)	1SCA022474R2190	32	Extended shaft
EXP6X150	1SCA022295R5600	32	Extended shaft
EXP6X150	1SCA022295R5600	32	Extended shaft
EXP6X161	1SCA022067R1760	32	Extended shaft



ABB Oy

Low Voltage Products
P.O. Box 622
FI-65101 VAASA, Finland
Telephone +358 10 22 11
Telefax +358 10 22 45708
www.abb.com

The technical data and dimensions are valid at the time of printing. We reserve the right to subsequent alterations.

The operations of the manufacturing plant have been certified.



OS1GB.07_06
1SCC311013C0201

Printed by: Waasa Graphics Oy, Vaasa Finland
Produced by: Citec Information Oy, Vaasa Finland