

Low Voltage Products

Fusegear

Switch fuses for plug, back, side and top connections

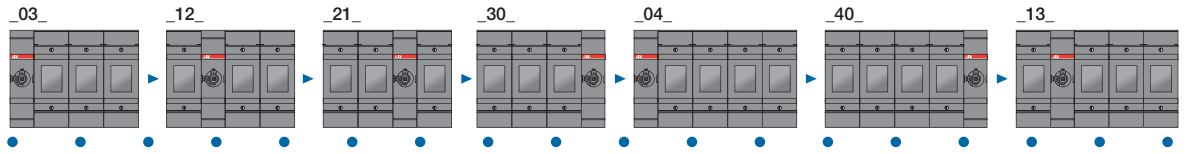




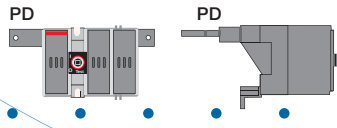
Switch fuses 20...80

Plug in, back in, top in, right in and left

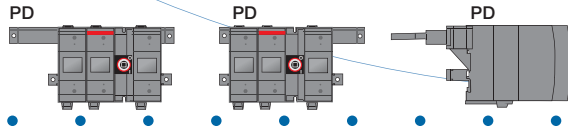
Operating
mechanism
positions



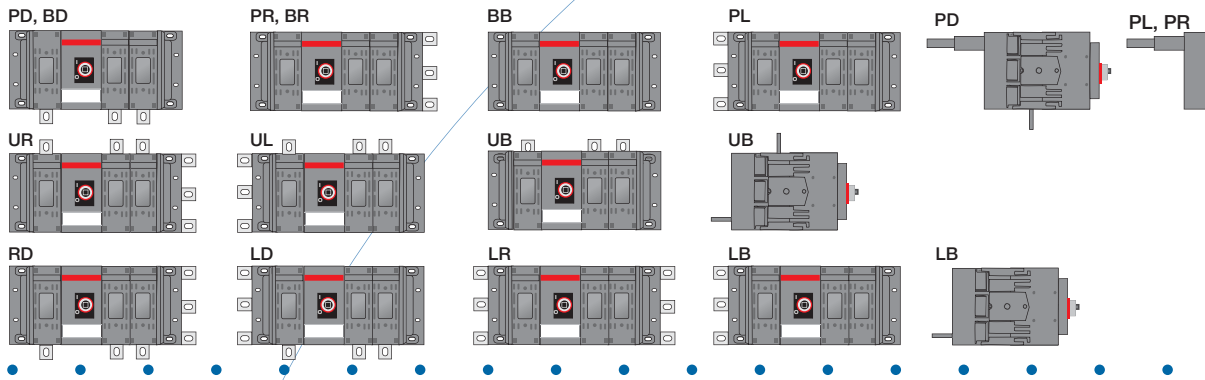
OS Mini
20...40



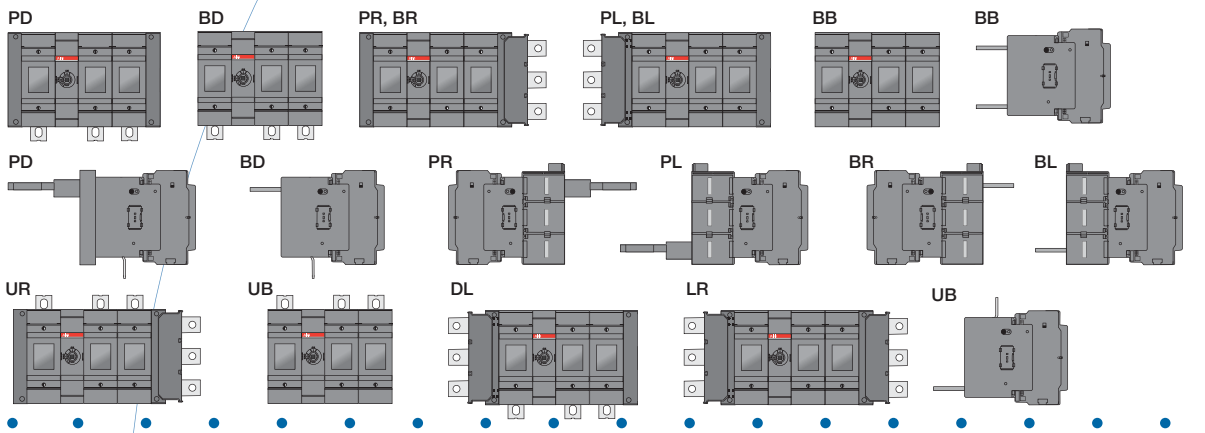
OS
32...63



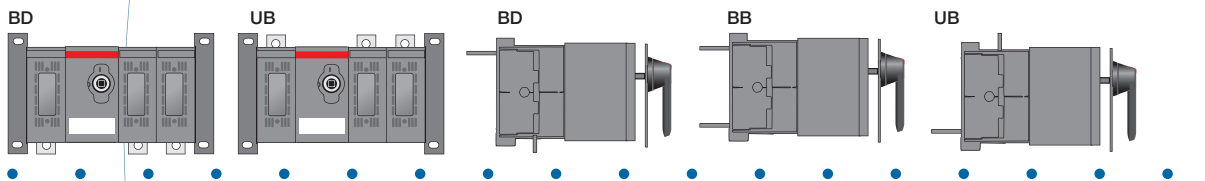
OS
100...160



OS
200...400

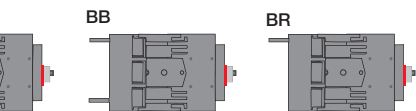
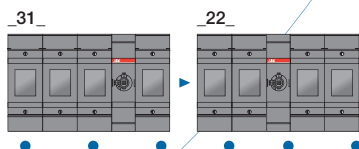


OESA
630...800



0 Amperes

fit in connections



Accessories

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



Switch fuses

OS 20...400
OESA 630...800 A

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Switch fuses with special terminations

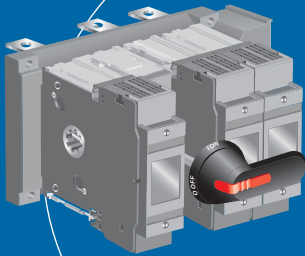
The OS switch fuse range from 20 to 800 Amperes for BS and DIN fuse links has the widest selection of special connected termination.

A large assortment of switchgear for power distribution, motor control and

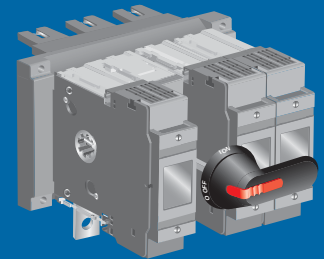
transmission exist in the low voltage systems, with inbuilt intelligence, modular cabinets, busduct systems, drives, etc.

The need of space for the components inside the cabinets is constantly growing

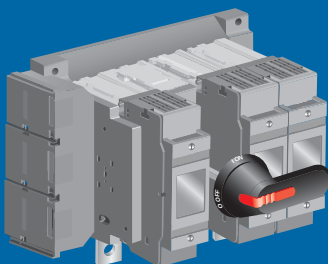
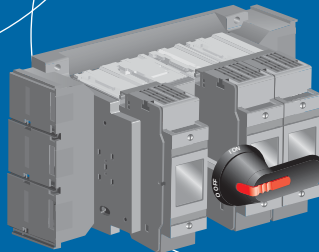
and to get more compact installations reducing the need of height is essential. This is possible when the connection terminals are optimally located.



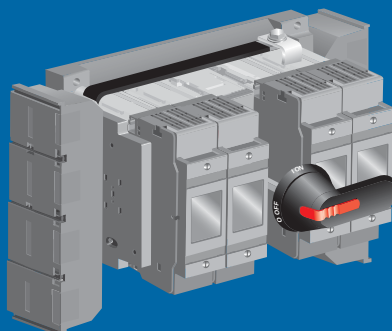
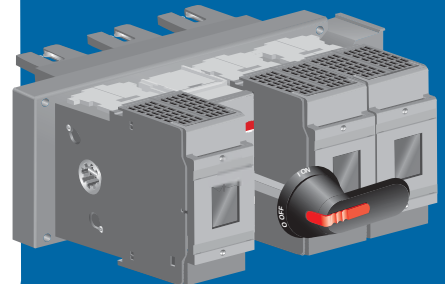
Space and cost saving through versatile connections



The plug, back, top and side connections offer freedom to choose supply direction to the switch fuse.



- ▶ Plug in connected (P)
- ▶ Back connected (B)
- ▶ Left / right / top / bottom connected (L/ R/ U/ D)
- ▶ Operating mechanism positions left/ middle/ right



The fourth pole is a switched neutral and located either on the left (N1) or on the right side (N2) of the switch fuse.

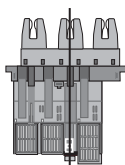
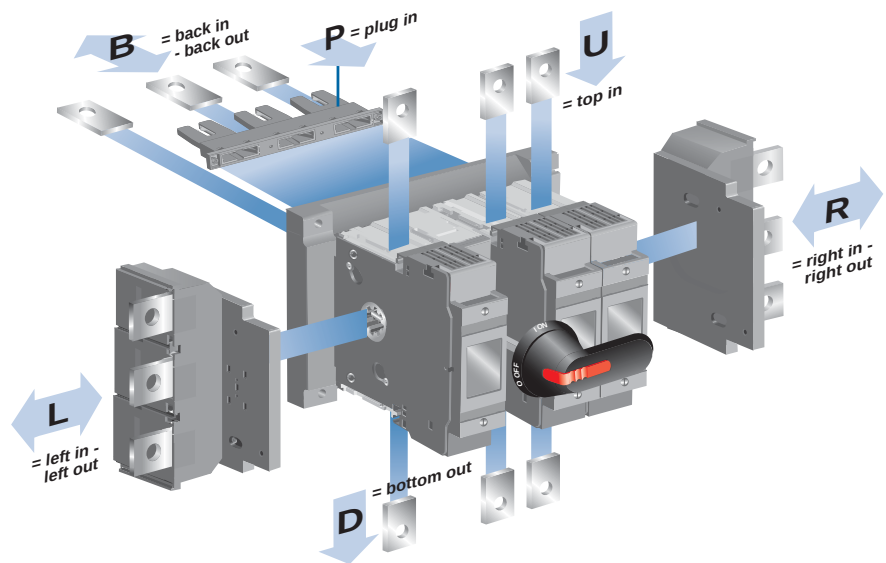
Flexibility - Plug in

Plug in terminals enable an extremely quick and safe change of the switch fuse. The terminals on the supply side are finger protected IP20 or IP30.

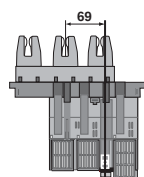
The use of plug in type switch fuses in removable cassettes saves maintenance time as they can be stored for emergency cases and they can be installed alive.

The plug in switch fuses are available for 60 and 50 mm busbar phase distances as standard.

Type designation key - suffixes



OS 32D21PD0



OS 32D21PD

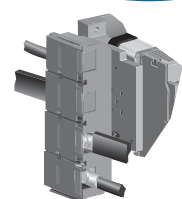
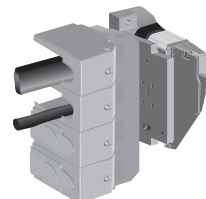
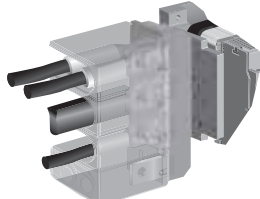
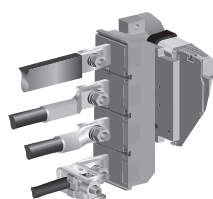
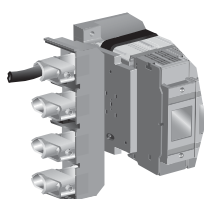
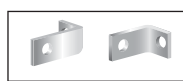
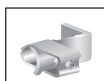
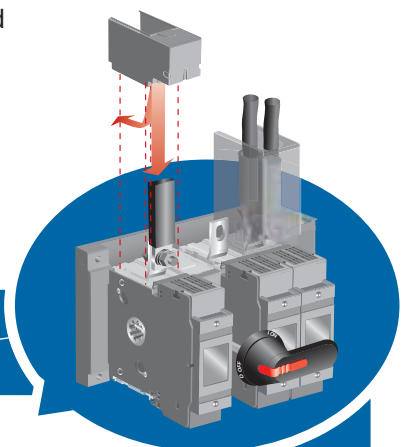
The handle alignment in plug in - bottom out switch fuses, sizes 32 and 63 Amperes, is arranged with 69 mm offset or without offset between the center pole and the handle alignment.

Termination with bars or cables from all directions

Connection behind the switch fuse directly to the side terminals is the most compact and space saving solution in height and width. The bars can be connected to the terminals with bolts and the cables by using terminal lugs or clamps.

The flexibility in termination from the side is extended by using the angleterminal bar accessory. This bar can be mounted in two positions depending on where space is needed.

All connections can be finger protected with IP20 terminal shrouds.





Switch fuses OS20-400

Technical data

Technical data according to IEC 60947

			A	20	32
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3		V	1000	1000
Dielectric strength	50 Hz 1min.		kV	10	10
Rated impulse withstand voltage			kV	12	12
Rated thermal current in ambient 40 °C / max. fuse power dissipation ¹⁾ ...with minimum cable or bar cross section	Cu		A / W mm ²	20/3.5 2.5	32/3.5 6
Rated operational current, AC-21A	up to 500 V		A	20	32
	690 V		A	20	32
Rated operational current, AC-22A	up to 500 V		A	20	32
	690 V		A	20	32
Rated operational current, AC-23A	up to 500 V		A	20	32
	690 V		A	20	32
Rated operational current / poles in series	48 V		A	20/2	32/2
DC-21A, DC-22A and DC23-A	110-220 V		A	20/2	32/2
	440 V		A	20/4	32/4
	660 V		A		
	750 V		A		
	880 V		A		
Rated operational power, AC-23 ²⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	5.5	7.5
		400 V	kW	7.5	15
		415 V	kW	7.5	15
		500 V	kW	11	18.5
		690 V	kW	15	22
Rated breaking capacity in category AC-23	up to 500 V		A	256	256
	690 V		A	256	256
Rated breaking capacity/poles in series in category DC-23	up to 220 V		A	128/2	128/2
	440 V		A	128/4	128/4
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current I _c	I _p (r.m.s.) Max. OFA _{max} fuse size gG / aM	65 kA, 500 V	kA		
	I _p (r.m.s.) Max. OFA _{max} fuse size gG / aM	100 kA, 500 V	kA	8	8
	I _p (r.m.s.) Max. OFA _{max} fuse size gG / aM	50 kA, 690 V	kA	7	7
	I _p (r.m.s.) Max. OFA _{max} fuse size gG / aM	80 kA, 690 V	kA	7.5	7.5
The cut-off currents I _c refer to values listed by fuse manufacturers ⁷⁾ (single phase test acc. to IEC60269)	I _p (r.m.s.) Max. BS fuse size gG / gM	50 kA, 415 V	kA		
	I _p (r.m.s.) Max. BS fuse size gG / gM	80 kA, 415 V	kA		
	I _p (r.m.s.) Max. BS fuse size gG / gM	50 kA, 690 V	kA		
	I _p (r.m.s.) Max. BS fuse size gG / gM	80 kA, 690 V	kA		
Rated short-time withstand current, 1s.	r.m.s. -value Max. distance from switch frame to nearest busbar / cable support		kA mm	1	1
Power loss / pole	With rated current, without fuse	BB, BD, UB	W	1.3	2
		P ₁ , L ₁ , R ₁ , L ₁	W	1.3	2
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000	20 000
Fuse types, IEC 60269-2	DIN 43620	BB, BD, UB P ₁ , L ₁ , R ₁ , L ₁			
	BS 88 -size / distance of fuse-link bolts	BB, BD, UB BB, BD, UB	mm	A1 M4/44.5	A1, A2 M4/44.5 (A1) M4/73 (A2)
	BS 88 -size / distance of fuse-link bolts	P ₁ , L ₁ , R ₁ , L ₁ P ₁ , L ₁ , R ₁ , L ₁	mm	A1 M4/44.5	A1, A2 M4/44.5 (A1) M4/73 (A2)
Weight without accessories	3-pole switch fuses		kg	0.7	0.7
	4-pole switch fuses		kg	0.9	0.9
Built-in terminal size		Cu	mm ²	0.5...10	0.5...10
Terminal bolt size	Metric thread diameter x length	BB, BD, UB	mm		
	Top/Bottom terminals	P ₁ , L ₁ , R ₁ , L ₁	mm		
	Side terminals	P ₁ , L ₁ , R ₁ , L ₁	mm		
Terminal tightening torque	Counter torque required		Nm	2	2
Fuse-links bolts tightening torque		BB, BD, UB	Nm	2	2
		P ₁ , L ₁ , R ₁ , L ₁	Nm	2	2
Operating torque	Typical for 3 and 4-pole switches		Nm	3	3

¹⁾ B category

²⁾ Ambient temperature 60 °C: derating 20%; 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.

⁴⁾ Max fuse body dia 32mm

⁵⁾ Max fuse body dia 52mm

⁶⁾ 4 poles in series for DC-23A

⁷⁾ Max fuse body dia 62mm

⁸⁾ BS fuse manufacturers covered by this table ABB, MEM, Busmann, GEC.

⁹⁾ 3-pole types only

¹⁰⁾ Plug in types: fuse size gG/aM:400/400

¹¹⁾ Side terminals tightening torque max 15 Nm



Switch fuses OS20-400

Technical data

40	32	63	100	125	160	200	250	315	400
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
10	10	10	10	10	10	10	10	10	10
12	12	12	12	12	12	12	12	12	12
40/4.5	32/7.5	63/7.5	125/12	125/12	160/12	200 / 17	250 / 23	315 / 32	400 / 45
10	6	16	50	50	70	95	120	185	240
40	32	63	100	125	160	200	250	315	400
40	32	63	100	125	160	200	250	315	400
40	32	63	100	125	160	200	250	315	400
40	32	63	100	125	160	200	250	315	400
40	32	63	100	125	160	200	250	315	400
40	32	63 ¹⁾	100 ¹⁾	125 ¹⁾	160 ¹⁾	200	250	315	400
32/2	32/2 ¹⁾	63/2 ¹⁾	100/2	125/2	160/2	200 / 1	250 / 1	315 / 2	400 / 2
32/2	32/3 ¹⁾	63/3 ¹⁾	100/2	125/2	160/2	200 / 1	250 / 1	315 / 2	400 / 2
32/4	32/4 ¹⁾	63/4 ¹⁾	100/3 ⁵⁾	125/3 ⁵⁾	160/3 ⁵⁾	200 / 2	250 / 2	315 / 3 ¹⁾	400 / 3 ¹⁾
						200 / 3	250 / 3	315 / 4 ¹⁾	400 / 4 ¹⁾
						180 / 4	230 / 4	315 / 4 ¹⁾	400 / 4 ¹⁾
						180 / 4	230 / 4		
11	7.5	18.5	30	37	45	60	75	100	110
18.5	15	30	55	55	75	100	132	170	220
18.5	15	30	55	55	75	110	140	180	230
22	18.5	37	55	75	90	140	170	220	280
30	22	55	90	110	132	180	240	295	355
320	504	504	800	1 000	1 280	1600	2000	3200	3200
320	504	504	800	1 000	1 280	1600	2000	3200	3200
128/2	128/3	252/3	400/2	500/2	640/2				
128/2	128/4	252/4	400/4	500/4	500/4				
						26	32,5		40.5
						200 / -	250 / -		400 / -
8	17	17	22	22	22	30	37,5		63.5
	100/100	100/100	125/160	125/160	125/160	200 / 200 ⁸⁾	250 / 250 ⁸⁾		500 / 500 ^{8) 9)}
7	13	13	16	16	16	20	29,5		32
	100/80	100/80	100/125	100/125	100/125	160 / -	250 / -		355 / -
7.5	12	12	18.5	18.5	18.5	25	32,5		38
	63/63	63/63	100/125	100/125	100/125	160 / - ⁸⁾	200 / 250 ⁸⁾		355 / 400 ⁸⁾
						21	26	28	34
						200 / -	250 / -	315 / -	400 / -
						30	30	50	50
						200 / 200M250 ⁸⁾	250 / 200M250 ⁸⁾	400 / 400M500 ⁸⁾	400 / 400M500 ⁸⁾
						20,5	28	30	38
						200 / -	250 / -	315 / -	400 / -
						28	28	48	48
						200 / 200M250 ⁸⁾	250 / 200M250 ⁸⁾	400 / 400M450 ⁸⁾	400 / 400M450 ⁸⁾
1	2.5	2.5	5	5	5	8	8	14	14
	150	150	150	150	150	150	150	150	150
3.5	1	4	4	5	9	8	13	19	30
3.5	1	4	4	5	9	11	17	25	40
20 000	20 000	20 000	20 000	20 000	20 000	20000	20000	16000	16000
000	000, 00	000, 00		000, 00	000, 00	0	0 - 1	-	0 - 2
000	000, 00	000, 00		000, 00	000, 00		0 - 1		0 - 2
	A2, A3	A2, A3	A2, A3		A2, A3, A4 ³⁾	B1 - B2 ⁴⁾	B1 - B3 ⁴⁾	B1 - B4 ⁶⁾	B1 - B4 ⁶⁾
	M5/73	M5/73	M5/73		M5/73 M8/94	M6 / 111	M8 / 111	M8 / 111	M8 / 111
	A2, A3	A2, A3	A2, A3		A2, A3, A4 ³⁾	B1 - B3 ⁴⁾	B1 - B3 ⁴⁾	B1 - B4 ⁶⁾	B1 - B4 ⁶⁾
	M5/73	M5/73	M5/73		M5/73 M8/94	M8 / 111	M8 / 111	M8 / 111	M8 / 111
0.8	1.3	1.3	1.5	1.5	1.5	4.2	4.2	7.0	7.0
1.0	1.6	1.6	1.8	1.8	1.8	5.3	5.3	9.0	9.0
0.5...10	2.5...25	2.5...25							
			M 8x25	M 8x25	M 8x25	M 8x25	M 10x30	M10x30	M10x30
			M 8x25	M 8x25	M 8x25	M 10x30	M 10x30	M10x30	M10x30
			M 8x25	M 8x25	M 8x25	M 8 x 16	M 8 x 16	M 8 x 16	M 8 x 16
2	3.5	3.5	15...22	15...22	15...22	M8: 15-22; ¹⁰⁾ M10: 30-44	M8: 15-22; ¹⁰⁾ M10: 30-44	M8: 15-22; ¹⁰⁾ M10: 30-44	M8: 15-22; ¹⁰⁾ M10: 30-44
2	3.5	3.5	15...22	15...22	15...22	4	5	20	20
2	3.5	3.5	15...22	15...22	15...22	5	5	20	20
3	4	4	8	8	8	7	7	19	19



Switch fuses OESA630-800

Technical data

Technical data according to IEC 60947

			A	OESA 630	OESA 800
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3		V	1000	1000
Dielectric strength	50 Hz 1min.		kV	10	10
Rated impulse withstand voltage			kV	12	12
Rated thermal current in ambient 40 °C / max. fuse power dissipation ¹⁾ ...with minimum cable or bar cross section	In open air		A / W	630 / 60	800 / 65
	Cu		mm ²	2 x 185	2 x 240
Rated operational current, AC-21A	up to 500 V		A	630	800
	690 V		A	630	800
Rated operational current, AC-22A	up to 500 V		A	630	800
	690 V		A	630	800
Rated operational current, AC-23A	up to 500 V		A	630	720
	690 V		A	630	720
Rated operational current / poles in series	48 V		A	630/2	800/2
DC-21A, DC-22A and DC23-A	110-220 V		A	630/2	800/2
	440 V		A	630/2	800/2
	660 V		A	630/3	800/3
	750 V		A	630/3	800/3
	880 V		A	630/4	800/4
				630/4	800/4
Rated operational power, AC-23 ²⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	200	200
		400 V	kW	355	400
		415 V	kW	355	400
		500 V	kW	450	500
		690 V	kW	560	710
Rated breaking capacity in category AC-23		up to 500 V	A	5760	5760
		690 V	A	5760	5760
Rated breaking capacity/poles in series in category DC-23		up to 220 V	A	3200/2	3200/2
		440 V	A	3200/2	3200/2
		500-750 V		32 00/3	3200/3
		1000 V		3200/4	3200/4
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current I _c , peak value	The cut-off currents refer to single phase fuse tests. Fuse selection tables on request	80 kA, 415 V	kA	80	80
		100 kA, 500 V	kA	80	80
		50 kA, 690 V	kA	60	60
		80 kA, 690 V	kA	56	56
Rated short-time withstand current, 1s.	r.m.s. -value		kA	16	16
Rated capacitor power	The capacitor rating of the switch-fuse is limited by the fuse link	400 V	kVAr	250	310
		415 V	kVAr	270	340
		690 V	kVAr	450	550
Power loss / pole	With rated current, without fuse		W	55	77
Mechanical endurance	Divide by two for operation cycles		Oper.	10 000	10 000
Fuse types, IEC 60269-2	DIN 43620, Neozed DIN49522 BS 88			3 C1-C2	3 C1-C2
	-size / distance of fuse-link bolts		mm	M10/133,184	M10/133, 184
Weight without accessories	3-pole switch fuses		kg	15.5	17.0
	4-pole switch fuses		kg	19.0	21.0
Terminal bolt size	Metric thread diameter x length		mm	M12 x 40	M12 x 40
Terminal tightening torque	Counter torque required		Nm	50...75	50...75
Fuse-links bolts tightening torque			Nm	40	40
Operating torque	Typical for 3 and 4-pole switches		Nm	28	28

¹⁾ Ambient temperature 60 °C: derating 20%; mounting on ceiling: derating 10%; mounting on wall, horizontal fuses: derating 8%

²⁾ Some fuse links limit these figures further. Starting current characteristics must be considered separately.



Switch fuses, DIN type

Ordering information

Switch fuses, plug in, bottom out connection (PD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

Including protected tunnel terminals, IP20, cable size 0.5...10 mm².

40	18.5/22/30	000	3	OS40D12000PD	1SCA022695R7200	1	1.2
40	18.5/22/30	000	4	OS40D22000PDN1	1SCA022695R7380	1	1.4

Including 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	000, 00	3	OS32D21PD	1SCA022693R5310	1	1.7
32	15/18.5/22	000, 00	4	OS32D22PDN2	1SCA022693R5570	1	2.0
63	30/37/55	000, 00	3	OS63D21PD	1SCA022608R7970	1	1.7
63	30/37/55	000, 00	4	OS63D22PDN2	1SCA022608R8010	1	2.0

Including the terminal bolt kits.

125	55/75/110	000, 00	3	OS125D12PDW	1SCA022544R3570	1	1.9
125	55/75/110	000, 00	3	OS125D21PDW	1SCA022693R5730	1	1.9
125	55/75/110	000, 00	4	OS125D13PDN1W	1SCA022693R5900	1	2.2
125	55/75/110	000, 00	4	OS125D22PDN1W	1SCA022695R7460	1	2.2
125	55/75/110	000, 00	4	OS125D31PDN2W	1SCA022594R4940	1	2.2
160	75/90/132	000, 00	3	OS160D12PDW	1SCA022505R9470	1	1.9
160	75/90/132	000, 00	3	OS160D21PDW	1SCA022505R9630	1	1.9
160	75/90/132	000, 00	4	OS160D13PDN1W	1SCA022507R4780	1	2.2
160	75/90/132	000, 00	4	OS160D22PDN1W	1SCA022507R6050	1	2.2
160	75/90/132	000, 00	4	OS160D31PDN2W	1SCA022507R5670	1	2.2
250	132/170/240	0...1	3	OS250D12PDP	1SCA022855R8320	1	5.9
250	132/170/240	0...1	3	OS250D21PDP	1SCA022855R8410	1	5.9
250	132/170/240	0...1	4	OS250D22PDN1P	1SCA022856R0730	1	8.5
250	132/170/240	0...1	4	OS250D22PDN2P	1SCA022856R0810	1	8.5
400	220/280/355	0...2	3	OS400D12PDP	1SCA022856R3160	1	9.3
400	220/280/355	0...2	3	OS400D21PDP	1SCA022856R3240	1	9.3
400	220/280/355	0...2	4	OS400D22PDN1P	1SCA022856R5530	1	12.5
400	220/280/355	0...2	4	OS400D22PDN2P	1SCA022856R5610	1	12.5

No offset between the center pole and the handle alignment

Including 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	000, 00	3	OS32D21PD0	1SCA022693R5490	1	1.7
32	15/18.5/22	000, 00	4	OS32D22PD0N2	1SCA022693R5650	1	2.0
63	30/37/55	000, 00	3	OS63D21PD0	1SCA022608R7110	1	1.7
63	30/37/55	000, 00	4	OS63D22PD0N2	1SCA022608R8270	1	2.0

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D03PDW	1SCA022680R6920	1	1.9
125	55/75/110	000, 00	3	OS125D30PDW	1SCA022594R4600	1	1.9
160	75/90/132	000, 00	3	OS160D03PDW	1SCA022505R8740	1	1.9
160	75/90/132	000, 00	3	OS160D30PDW	1SCA022505R9210	1	1.9

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS40_	OXF5X150	OHB65J5	
OS32_...63_	OXF6X161	OHB65J6	
OS125_...160_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS400_	OXF12X250	OHB95J12	M10x30

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I



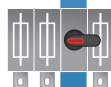
Switch fuses, DIN type

Ordering information



3-poles

OS_D12_



OS_D21_

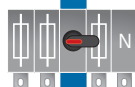


OS_D03_



4-poles

OS_D22_N1_



OS_D22_N2_

504025

Switch fuses, plug in, bottom out connection (PD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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50 mm bus bar distance

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 < 10 mm².

32	15/18.5/22	000, 00	3	OS32D21CPD	1SCA022693R3360	1	1.7
32	15/18.5/22	000, 00	4	OS32D22CPDN2	1SCA022693R3440	1	2.0
63	30/37/55	000, 00	3	OS63D21CPD	1SCA022689R9240	1	1.7
63	30/37/55	000, 00	4	OS63D22CPDN2	1SCA022693R3520	1	2.0

Including a terminal bolt kit.

125	55/75/110	000, 00	3	OS125D12CPDW	1SCA022689R9160	1	1.9
125	55/75/110	000, 00	4	OS125D22CPDN2W	1SCA022693R3100	1	2.2
250	132/170/240	0...1	3	OS250D12PD5P	1SCA022855R8590	1	5.9
250	132/170/240	0...1	3	OS250D21PD5P	1SCA022855R8670	1	5.9
250	132/170/240	0...1	4	OS250D22PD5N1P	1SCA022856R0900	1	8.5
250	132/170/240	0...1	4	OS250D22PD5N2P	1SCA022856R1030	1	8.5
400	220/280/355	0...2	3	OS400D12PD5P	1SCA022856R3320	1	9.3
400	220/280/355	0...2	3	OS400D21PD5P	1SCA022856R3410	1	9.3
400	220/280/355	0...2	4	OS400D22PD5N1P	1SCA022856R5700	1	12.5
400	220/280/355	0...2	4	OS400D22PD5N2P	1SCA022856R5880	1	12.5

No offset between the center pole and the handle alignment

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	000, 00	3	OS32D21CPD0	1SCA022693R3610	1	1.7
32	15/18.5/22	000, 00	4	OS32D22CPD0N2	1SCA022694R0060	1	2.0
63	30/37/55	000, 00	3	OS63D21CPD0	1SCA022652R6720	1	1.7
63	30/37/55	000, 00	4	OS63D22CPD0N2	1SCA022693R9990	1	2.0

Mechanism at the end of the switch fuse

Including a terminal bolt kit.

125	55/75/110	000, 00	3	OS125D03CPDW	1SCA022693R3010	1	1.9
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Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS 32...63_	OXF6X161	OHB65J6	
OS125_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS400_	OXF12X250	OHB95J12	M10x30

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I

Switch fuses, plug in, right out connection (PR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

125	55/75/110	000, 00	3	OS125D12PRW	1SCA022594R4430	1	1.9
125	55/75/110	000, 00	3	OS125D21PRW	1SCA022693R5810	1	1.9
125	55/75/110	000, 00	4	OS125D13PRN1W	1SCA022693R6030	1	2.2
125	55/75/110	000, 00	4	OS125D22PRN1W	1SCA022693R6110	1	2.2
125	55/75/110	000, 00	4	OS125D31PRN2W	1SCA022594R5080	1	2.2
160	75/90/132	000, 00	3	OS160D12PRW	1SCA022506R2180	1	1.9
160	75/90/132	000, 00	3	OS160D21PRW	1SCA022506R2420	1	1.9
160	75/90/132	000, 00	4	OS160D13PRN1W	1SCA022507R6720	1	2.2
160	75/90/132	000, 00	4	OS160D22PRN1W	1SCA022510R5840	1	2.2
160	75/90/132	000, 00	4	OS160D31PRN2W	1SCA022510R5680	1	2.2
250	132/170/240	0...1	3	OS250D12PRP	1SCA022855R6710	1	5.9
250	132/170/240	0...1	3	OS250D21PRP	1SCA022855R6890	1	5.9
250	132/170/240	0...1	4	OS250D22PRN1P	1SCA100173R1001	1	8.5
250	132/170/240	0...1	4	OS250D22PRN2P	1SCA022855R9210	1	8.5
400	220/280/355	0...2	3	OS400D12PRP	1SCA022856R1540	1	9.3
400	220/280/355	0...2	3	OS400D21PRP	1SCA022856R1620	1	9.3
400	220/280/355	0...2	4	OS400D22PRN1P	1SCA022856R3910	1	12.5
400	220/280/355	0...2	4	OS400D22PRN2P	1SCA022856R4050	1	12.5

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D03PRW	1SCA022693R7190	1	1.9
125	55/75/110	000, 00	3	OS125D30PRW	1SCA022594R4780	1	1.9
160	75/90/132	000, 00	3	OS160D03PRW	1SCA022506R1370	1	1.9
160	75/90/132	000, 00	3	OS160D30PRW	1SCA022506R1610	1	1.9

50 mm bus bar distance

Mechanism between the poles

250	132/170/240	0...1	3	OS250D12PR5P	1SCA022855R6970	1	5.9
250	132/170/240	0...1	3	OS250D21PR5P	1SCA022855R7010	1	5.9
250	132/170/240	0...1	4	OS250D22PR5N1P	1SCA022855R9300	1	8.5
250	132/170/240	0...1	4	OS250D22PR5N2P	1SCA022855R9480	1	8.5
400	220/280/355	0...2	3	OS400D12PR5P	1SCA022856R1710	1	9.3
400	220/280/355	0...2	3	OS400D21PR5P	1SCA022856R1890	1	9.3
400	220/280/355	0...2	4	OS400D22PR5N1P	1SCA022856R4130	1	12.5
400	220/280/355	0...2	4	OS400D22PR5N2P	1SCA022856R4210	1	12.5

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D30CPRW	1SCA022631R7480	1	1.9
160	75/90/132	000, 00	3	OS160D30CPRW	1SCA022641R2630	1	1.9

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M8x16
OS400_	OXF12X250	OHB95J12	M8x16

* Fuse standards DIN 43620, IEC 60269-2-1 sec. I



Switch fuses, DIN type

Ordering information

Switch fuses, plug in, left out connection (PL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

125	55/75/110	000, 00	3	OS125D12PLW	1SCA022594R4510	1	1.9
125	55/75/110	000, 00	3	OS125D21PLW	1SCA022696R5720	1	1.9
125	55/75/110	000, 00	4	OS125D13PLN1W	1SCA022695R7540	1	2.2
125	55/75/110	000, 00	4	OS125D22PLN1W	1SCA022695R7620	1	2.2
125	55/75/110	000, 00	4	OS125D31PLN2W	1SCA022594R5160	1	2.2
160	75/90/132	000, 00	3	OS160D12PLW	1SCA022594R5240	1	1.9
160	75/90/132	000, 00	3	OS160D21PLW	1SCA022696R5640	1	1.9
160	75/90/132	000, 00	4	OS160D13PLN1W	1SCA022695R7710	1	2.2
160	75/90/132	000, 00	4	OS160D22PLN1W	1SCA022695R7890	1	2.2
160	75/90/132	000, 00	4	OS160D31PLN2W	1SCA022594R5410	1	2.2
250	132/170/240	0...1	3	OS250D12PLP	1SCA022855R7510	1	5.9
250	132/170/240	0...1	3	OS250D21PLP	1SCA022855R7600	1	5.9
250	132/170/240	0...1	4	OS250D22PLN1P	1SCA022855R9990	1	8.5
250	132/170/240	0...1	4	OS250D22PLN2P	1SCA022856R0060	1	8.5
400	220/280/355	0...2	3	OS400D12PLP	1SCA022856R2350	1	9.3
400	220/280/355	0...2	3	OS400D21PLP	1SCA022856R2430	1	9.3
400	220/280/355	0...2	4	OS400D22PLN1P	1SCA022856R4720	1	12.5
400	220/280/355	0...2	4	OS400D22PLN2P	1SCA022856R4810	1	12.5

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D03PLW	1SCA022716R3790	1	1.9
125	55/75/110	000, 00	3	OS125D30PLW	1SCA022594R4860	1	1.9
160	75/90/132	000, 00	3	OS160D03PLW	1SCA022716R3870	1	1.9
160	75/90/132	000, 00	3	OS160D30PLW	1SCA022594R5320	1	1.9

50 mm bus bar distance

Mechanism between the poles

250	132/170/240	0...1	3	OS250D12PL5P	1SCA022855R7780	1	5.9
250	132/170/240	0...1	3	OS250D21PL5P	1SCA022855R7860	1	5.9
250	132/170/240	0...1	4	OS250D22PL5N1P	1SCA022856R0140	1	8.5
250	132/170/240	0...1	4	OS250D22PL5N2P	1SCA022856R0220	1	8.5
400	220/280/355	0...2	3	OS400D12PL5P	1SCA022856R2510	1	9.3
400	220/280/355	0...2	3	OS400D21PL5P	1SCA022856R2600	1	9.3
400	220/280/355	0...2	4	OS400D22PL5N1P	1SCA022856R4990	1	12.5
400	220/280/355	0...2	4	OS400D22PL5N2P	1SCA022856R5020	1	12.5

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D30CPLW	1SCA022631R7300	1	1.9
160	75/90/132	000, 00	3	OS160D30CPLW	1SCA022693R3280	1	1.9

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125_...160_	OSP6X161	OHB65J6	M8x25
OS250_	OSP6X210	OHB65J6	M8x16
OS400_	OSP12X250	OHB95J12	M8x16

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I



Switch fuses, DIN type

Ordering information

Switch fuses, back in, bottom out connection (BD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12BDW	1SCA022558R7810	1	1.9
125	55/75/110	000, 00	4	OS125D22BDN2W	1SCA022558R8110	1	2.2
160	75/90/132	000, 00	3	OS160D12BDW	1SCA022558R8460	1	1.9
160	75/90/132	000, 00	4	OS160D22BDN2W	1SCA022558R8620	1	2.2
200	100/140/180	0	3	OS200D12BDP	1SCA102159R1001	1	3.3
200	100/140/180	0	4	OS200D22BDN2P	1SCA102172R1001	1	4.2
250	132/170/240	0...1	3	OS250D12BDP	1SCA102213R1001	1	4.3
250	132/170/240	0...1	4	OS250D22BDN2P	1SCA102209R1001	1	5.1
400	220/280/355	0...2	3	OS400D12BDP	1SCA102276R1001	1	7.1
400	220/280/355	0...2	4	OS400D22BDN2P	1SCA102284R1001	1	9.1
630	355/450/560	3	3	OESA630D12BD	1SCA022272R0710	1	16.4
630	355/450/560	3	4	OESA630D22BDN2	1SCA022272R1360	1	25.0
800 ¹⁾	380/470/600	3	3	OESA800D12BD	1SCA022279R7510	1	18.4
800 ¹⁾	380/470/600	3	4	OESA800D22BDN2	1SCA022279R8070	1	28.0

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D03BDW	1SCA022558R8970	1	1.9
125	55/75/110	000, 00	4	OS125D04BDN2W	1SCA022558R9190	1	2.2
160	75/90/132	000, 00	3	OS160D03BDW	1SCA022558R9430	1	1.9
160	75/90/132	000, 00	4	OS160D04BDN2W	1SCA022558R9780	1	2.2
200	100/140/180	0	3	OS200D03BDP	1SCA102147R1001	1	3.3
200	100/140/180	0	4	OS200D04BDN2P	1SCA102138R1001	1	4.2
250	132/170/240	0...1	3	OS250D03BDP	1SCA102186R1001	1	4.3
250	132/170/240	0...1	4	OS250D04BDN2P	1SCA102208R1001	1	5.1
400	220/280/355	0...2	3	OS400D03BDP	1SCA102265R1001	1	7.1
400	220/280/355	0...2	4	OS400D04BDN2P	1SCA102285R1001	1	9.1
630	355/450/560	3	3	OESA630D03BD	1SCA022271R8900	1	16.4
630	355/450/560	3	4	OESA630D04BDN2	1SCA022271R9540	1	25.0
800 ¹⁾	400/500/710	3	3	OESA800D03BD	1SCA022272R3140	1	18.4
800 ¹⁾	400/500/710	3	4	OESA800D04BDN2	1SCA022272R3730	1	28.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	EXP6X161	OHB65J6	M8x25
OS200_	EXP6X210	OHB65J6	M8x25
OS250_	EXP6X210	OHB65J6	M10x30
OS400_	EXP12X250	OHB95J12	M10x30
OESA630...800_	EXP12X250	OHB125J12	M12x40

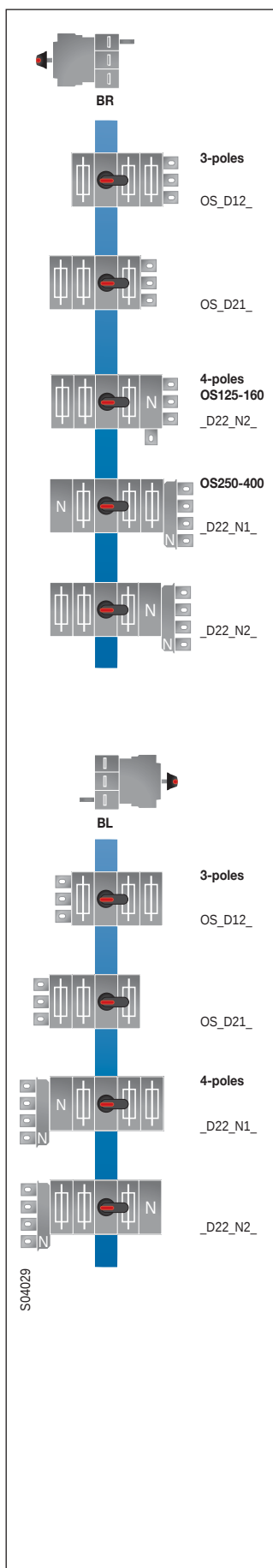
¹⁾ Fuse standards DIN 43620, IEC 60269-2-1 sec. I

¹⁾ AC 23A operational current is 720 A



Switch fuses, DIN type

Ordering information



Switch fuses, back in, right out connection (BR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12BRW	1SCA022542R4940	1	1.9
125	55/75/110	000, 00	4	OS125D22BRN2W	1SCA022652R1330	1	2.2
160	75/90/132	000, 00	3	OS160D12BRW	1SCA022541R9190	1	1.9
160	75/90/132	000, 00	4	OS160D22BRN2W	1SCA022644R7260	1	2.2
250	132/170/240	0...1	3	OS250D12BRP	1SCA022852R7610	1	5.9
250	132/170/240	0...1	3	OS250D21BRP	1SCA022852R7520	1	5.9
250	132/170/240	0...1	4	OS250D22BRN1P	1SCA022852R9650	1	8.5
250	132/170/240	0...1	4	OS250D22BRN2P	1SCA022852R9730	1	8.5
400	220/280/355	0...2	3	OS400D12BRP	1SCA022853R1470	1	9.3
400	220/280/355	0...2	3	OS400D21BRP	1SCA022853R1550	1	9.3
400	220/280/355	0...2	4	OS400D22BRN1P	1SCA022853R3410	1	12.5
400	220/280/355	0...2	4	OS400D22BRN2P	1SCA022853R3500	1	12.5

Switch fuses, back in, left out connection (BL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
250	132/170/240	0...1	3	OS250D12BLP	1SCA022852R8840	1	5.9
250	132/170/240	0...1	3	OS250D21BLP	1SCA022852R8920	1	5.9
250	132/170/240	0...1	4	OS250D22BLN1P	1SCA022853R0660	1	8.5
250	132/170/240	0...1	4	OS250D22BLN2P	1SCA022853R0740	1	8.5
400	220/280/355	0...2	3	OS400D12BLP	1SCA022853R2610	1	9.3
400	220/280/355	0...2	3	OS400D21BLP	1SCA022853R2790	1	9.3
400	220/280/355	0...2	4	OS400D22BLN1P	1SCA022853R4490	1	12.5
400	220/280/355	0...2	4	OS400D22BLN2P	1SCA022853R4570	1	12.5

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30, M8x16 (side)
OS400_	OXF12X250	OHB95J12	M10x30, M8x16 (side)

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I



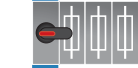
Switch fuses, DIN type

Ordering information

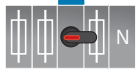


3-poles

OS_D12_



OS_D03_



4-poles

OS_D22_N2_



OS_D04_N2_

S04030

Switch fuses, back in, back out connection (BB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12BBW	1SCA022556R3630	1	1.9
125	55/75/110	000, 00	4	OS125D22BBN2W	1SCA022558R8200	1	2.2
160	75/90/132	000, 00	3	OS160D12BBW	1SCA022556R3550	1	1.9
160	75/90/132	000, 00	4	OS160D22BBN2W	1SCA022558R8710	1	2.2
200	100/140/180	0	3	OS200D12BBP	1SCA102156R1001	1	3.3
200	100/140/180	0	4	OS200D22BBN2P	1SCA102006R1001	1	4.2
250	132/170/240	0...1	3	OS250D12BBP	1SCA102207R1001	1	4.3
250	132/170/240	0...1	4	OS250D22BBN2P	1SCA102212R1001	1	5.1
400	220/280/355	0...2	3	OS400D12BBP	1SCA102280R1001	1	7.1
400	220/280/355	0...2	4	OS400D22BBN2P	1SCA102283R1001	1	9.1
630	355/450/560	3	3	OESA630D12BB	1SCA022272R0980	1	16.4
630	340/400/540	3	4	OESA630D22BBN2	1SCA022272R1520	1	25.0
800 ¹⁾	380/470/600	3	3	OESA800D12BB	1SCA022279R7690	1	18.4
800 ¹⁾	380/470/600	3	4	OESA800D22BBN2	1SCA022279R8230	1	28.0

Mechanism at the end of the switch fuse

125	55/75/110	000, 00	3	OS125D03BBW	1SCA022556R3800	1	1.9
125	55/75/110	000, 00	4	OS125D04BBN2W	1SCA022558R9270	1	2.2
160	75/90/132	000, 00	3	OS160D03BBW	1SCA022556R3710	1	1.9
160	75/90/132	000, 00	4	OS160D04BBN2W	1SCA022558R9860	1	2.2
200	100/140/180	0	3	OS200D03BBP	1SCA102150R1001	1	3.3
200	100/140/180	0	4	OS200D04BBN2P	1SCA102139R1001	1	4.2
250	132/170/240	0...1	3	OS250D03BBP	1SCA102190R1001	1	4.3
250	132/170/240	0...1	4	OS250D04BBN2P	1SCA102205R1001	1	5.1
400	220/280/355	0...2	3	OS400D03BBP	1SCA102260R1001	1	7.1
400	220/280/355	0...2	4	OS400D04BBN2P	1SCA102289R1001	1	9.1
630	355/450/560	3	3	OESA630D03BB	1SCA022271R9110	1	16.4
630	355/450/560	3	4	OESA630D04BBN2	1SCA022271R9710	1	25.0
800 ¹⁾	400/500/710	3	3	OESA800D03BB	1SCA022272R3310	1	18.4
800 ¹⁾	400/500/710	3	4	OESA800D04BBN2	1SCA022272R3900	1	28.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	EXP6X161	OHB65J6	M8x25
OS200_	EXP6X210	OHB65J6	M8x25
OS250_	EXP6X210	OHB65J6	M10x30
OS400_	EXP12X250	OHB95J12	M10x30
OESA630...800_	EXP12X250	OHB125J12	M12x40

¹⁾ Fuse standards DIN 43620, IEC 60269-2-1 sec. I

¹⁾ AC 23A operational current is 720 A



Switch fuses, DIN type

Ordering information

Switch fuses, top in, right out connection (UR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12URW	1SCA022542R4860	1	1.9
125	55/75/110	000, 00	4	OS125D22URN2W	1SCA022696R0090	1	2.2
160	75/90/132	000, 00	3	OS160D12URW	1SCA022541R9270	1	1.9
160	75/90/132	000, 00	4	OS160D22URN2W	1SCA022696R0410	1	2.2
250	132/170/240	0...1	3	OS250D12URP	1SCA022852R8090	1	5.9
250	132/170/240	0...1	3	OS250D21URP	1SCA022852R8170	1	5.9
250	132/170/240	0...1	4	OS250D22URN1P	1SCA022853R0070	1	8.5
250	132/170/240	0...1	4	OS250D22URN2P	1SCA022853R0150	1	8.5
400	220/280/355	0...2	3	OS400D12URP	1SCA022853R1800	1	9.3
400	220/280/355	0...2	3	OS400D21URP	1SCA022853R1980	1	9.3
400	220/280/355	0...2	4	OS400D22URN1P	1SCA022853R3840	1	12.5
400	220/280/355	0...2	4	OS400D22URN2P	1SCA022853R3920	1	12.5

Switch fuses, top in, left out connection (UL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12ULW	1SCA022594R5080	1	1.9
125	55/75/110	000, 00	4	OS125D22ULN2W	1SCA022695R9910	1	2.2
160	75/90/132	000, 00	3	OS160D12ULW	1SCA022541R9430	1	1.9
160	75/90/132	000, 00	4	OS160D22ULN2W	1SCA022696R0330	1	2.2

Shafts and handles included as standard

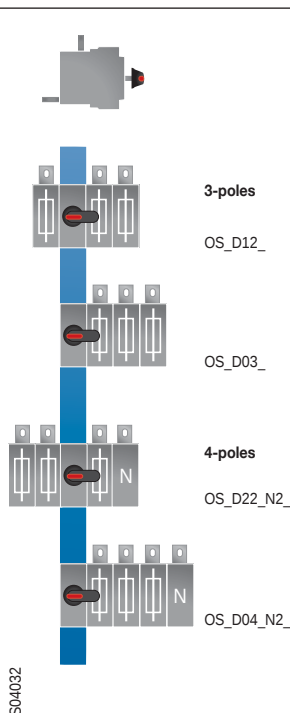
Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	EXP6X161	OHB65J6	M8x25
OS250_	EXP6X210	OHB65J6	M10x30, M8x16 (side)
OS400_	EXP12X250	OHB95J12	M10x30, M8x16 (side)

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I



Switch fuses, DIN type

Ordering information



Switch fuses, top in, back out connection (UB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12UBW	1SCA022558R8030	1	1.9
125	55/75/110	000, 00	4	OS125D22UBN2W	1SCA022558R8380	1	2.2
160	75/90/132	000, 00	3	OS160D12UBW	1SCA022558R8540	1	1.9
160	75/90/132	000, 00	4	OS160D22UBN2W	1SCA022558R8890	1	2.2
200	100/140/180	0	3	OS200D12UBP	1SCA102158R1001	1	3.3
200	100/140/180	0	4	OS200D22UBN2P	1SCA102162R1001	1	4.2
250	132/170/240	0...1	3	OS250D12UBP	1SCA102203R1001	1	4.3
250	132/170/240	0...1	4	OS250D22UBN2P	1SCA102219R1001	1	5.1
400	220/280/355	0...2	3	OS400D12UBP	1SCA102282R1001	1	7.1
400	220/280/355	0...2	4	OS400D22UBN2P	1SCA102281R1001	1	9.1
630	355/450/560	3	3	OESA630D12UB	1SCA022272R1100	1	16.4
630	355/450/560	3	4	OESA630D22UBN2	1SCA022272R1790	1	25.0
800 ¹⁾	400/500/710	3	3	OESA800D12UB	1SCA022279R7850	1	18.4
800 ¹⁾	400/500/710	3	4	OESA800D22UBN2	1SCA022279R8400	1	28.0

Mechanism at the end of the switch fuse

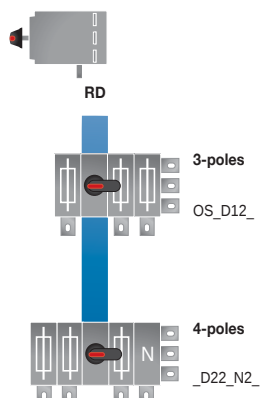
125	55/75/110	000, 00	3	OS125D03UBW	1SCA022558R9010	1	1.9
125	55/75/110	000, 00	4	OS125D04UBN2W	1SCA022558R9350	1	2.2
160	75/90/132	000, 00	3	OS160D03UBW	1SCA022558R9600	1	1.9
160	75/90/132	000, 00	4	OS160D04UBN2W	1SCA022558R9940	1	2.2
200	100/140/180	0	3	OS200D03UBP	1SCA102141R1001	1	3.3
200	100/140/180	0	4	OS200D04UBN2P	1SCA102157R1001	1	4.2
250	132/170/240	0...1	3	OS250D03UBP	1SCA102185R1001	1	4.3
250	132/170/240	0...1	4	OS250D04UBN2P	1SCA102211R1001	1	5.1
400	220/280/355	0...2	3	OS400D03UBP	1SCA102270R1001	1	7.1
400	220/280/355	0...2	4	OS400D04UBN2P	1SCA102275R1001	1	9.1
630	355/450/560	3	3	OESA630D03UB	1SCA022271R9380	1	16.4
630	355/450/560	3	4	OESA630D04UBN2	1SCA022271R9970	1	25.0
800 ¹⁾	400/500/710	3	3	OESA800D03UB	1SCA022272R3570	1	18.4
800 ¹⁾	400/500/710	3	4	OESA800D04UBN2	1SCA022272R4110	1	28.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125_...160_	OXF6X161	OHB65J6	M8x25
OS200_	OXF6X210	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS400_	OXF12X250	OHB95J12	M10x30
OESA630_...800_	OXF12X250	OHB125J12	M12x40

¹⁾ Fuse standards DIN 43620, IEC 60269-2-1 sec. I

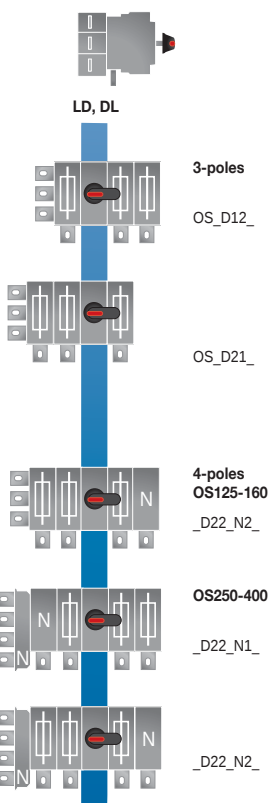
¹⁾ AC 23A operational current is 720 A



Switch fuses, right in, bottom out connection (RD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

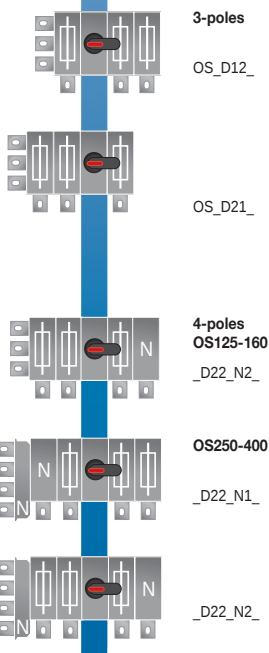
Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12RDW	1SCA022594R1920	1	1.9
125	55/75/110	000, 00	4	OS125D22RDN2W	1SCA022695R9670	1	2.2
160	75/90/132	000, 00	3	OS160D12RDW	1SCA022542R1090	1	1.9
160	75/90/132	000, 00	4	OS160D22RDN2W	1SCA022620R0530	1	2.2



Switch fuses, left in, bottom out connection (LD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12LDW	1SCA022543R5980	1	1.9
125	55/75/110	000, 00	4	OS125D22LDN2W	1SCA022695R9830	1	2.2
160	75/90/132	000, 00	3	OS160D12LDW	1SCA022543R5800	1	1.9
160	75/90/132	000, 00	4	OS160D22LDN2W	1SCA022696R0250	1	2.2



Switch fuses, bottom in, left out connection (DL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
250	132/170/240	0...1	3	OS250D12DLP	1SCA022852R9220	1	5.9
250	132/170/240	0...1	3	OS250D21DLP	1SCA022852R9310	1	5.9
250	132/170/240	0...1	4	OS250D22DLN1P	1SCA022853R1040	1	8.5
250	132/170/240	0...1	4	OS250D22DLN2P	1SCA022853R1120	1	8.5
400	220/280/355	0...2	3	OS400D12DLP	1SCA022853R3090	1	9.3
400	220/280/355	0...2	3	OS400D21DLP	1SCA022853R3170	1	9.3
400	220/280/355	0...2	4	OS400D22DLN1P	1SCA022853R4810	1	12.5
400	220/280/355	0...2	4	OS400D22DLN2P	1SCA022853R4900	1	12.5

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30, M8x16 (side)
OS400_	OXF12X250	OHB95J12	M10x30, M8x16 (side)

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I

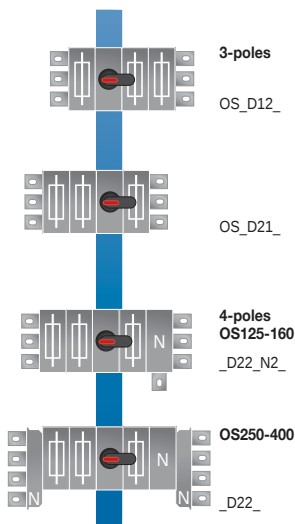


Switch fuses, DIN type

Ordering information



LR



Switch fuses, left in, right out connection (LR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 400/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12LRW	1SCA022564R1880	1	1.9
125	55/75/110	000, 00	4	OS125D22LRN2W	1SCA022618R5630	1	2.2
160	75/90/132	000, 00	3	OS160D12LRW	1SCA022505R2620	1	1.9
160	75/90/132	000, 00	4	OS160D22LRN2W	1SCA022507R3200	1	2.2
250	132/170/240	0...1	3	OS250D12LRP	1SCA022852R8410	1	6.2
250	132/170/240	0...1	3	OS250D21LRP	1SCA022852R8500	1	6.2
250	132/170/240	0...1	4	OS250D22LRP	1SCA022853R0310	1	9.1
400	220/280/355	0...2	3	OS400D12LRP	1SCA022853R2280	1	9.6
400	220/280/355	0...2	3	OS400D21LRP	1SCA022853R2360	1	9.6
400	220/280/355	0...2	4	OS400D22LRP	1SCA022853R4140	1	12.8

Switch fuses, left in, back out connection (LB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
125	55/75/110	000, 00	3	OS125D12LBW	1SCA022542R5160	1	1.9
125	55/75/110	000, 00	4	OS125D22LBN2W	1SCA022695R9750	1	2.2
160	75/90/132	000, 00	3	OS160D12LBW	1SCA022542R5240	1	1.9
160	75/90/132	000, 00	4	OS160D22LBN2W	1SCA022696R0170	1	2.2

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS125...160_	OXF6X161	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M8x16
OS400_	OXF12X250	OHB95J12	M8x16

SC4034

*) Fuse standards DIN 43620, IEC 60269-2-1 sec. I



Switch fuses, BS type

Ordering information

Switch fuses, plug in, bottom out connection (PD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

Including protected tunnel terminals, IP20, cable size 0.5...10 mm².

20	7.5/11/15	A1	3	OS20B12A1PD	1SCA022537R6440	1	1.1
20	7.5/11/15	A1	4	OS20B22A1PDN1	1SCA022537R6790	1	1.3
32	15/18.5/22	A1	3	OS32B12A1PD	1SCA022537R6950	1	1.1
32	15/18.5/22	A1	4	OS32B22A1PDN1	1SCA022537R7090	1	1.3
32	15/18.5/22	A1...A2	3	OS32B12A2PD	1SCA022537R7250	1	1.1
32	15/18.5/22	A1...A2	4	OS32B22A2PDN1	1SCA022537R7330	1	1.3

Including 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	OS32B21PD	1SCA022693R6710	1	1.7
32	15/18.5/22	A2...A3	4	OS32B22PDN2	1SCA022693R6970	1	2.0
63	30/37/55	A2...A3	3	OS63B21PD	1SCA022608R8600	1	1.7
63	30/37/55	A2...A3	4	OS63B22PDN2	1SCA022608R8780	1	2.0

Including the terminal bolt kits.

100	55/55/90	A2...A3	3	OS100B12PDW	1SCA022544R3490	1	1.9
100	55/55/90	A2...A3	3	OS100B21PDW	1SCA022693R6200	1	1.9
100	55/55/90	A2...A3	4	OS100B13PDN1W	1SCA022693R6460	1	2.2
100	55/55/90	A2...A3	4	OS100B22PDN1W	1SCA022656R0910	1	2.2
100	55/55/90	A2...A3	4	OS100B31PDN2W	1SCA022594R1680	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12PDW	1SCA022506R1020	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B21PDW	1SCA022506R1110	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B13PDN1W	1SCA022507R5080	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B22PDN1W	1SCA022507R6130	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B31PDN2W	1SCA022507R5750	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12PDP	1SCA022856R8120	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21PDP	1SCA022856R8210	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22PDN1P	1SCA022857R1340	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22PDN2P	1SCA022857R1420	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PDP	1SCA022857R4100	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PDP	1SCA022857R4280	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PDN1P	1SCA022857R6650	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PDN2P	1SCA022857R6730	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PDP	1SCA022857R9080	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PDP	1SCA022857R9160	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PDN1P	1SCA022858R1570	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PDN2P	1SCA022858R1650	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PDP	1SCA022860R8790	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PDP	1SCA022860R8870	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PDN1P	1SCA022860R8950	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PDN2P	1SCA022860R9090	1	12.5

Mechanism at the end of the switch fuse

Including the terminal bolt kits.

100	55/55/90	A2...A3	3	OS100B03PDW	1SCA022695R8860	1	1.9
100	55/55/90	A2...A3	3	OS100B30PDW	1SCA022594R1330	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B03PDW	1SCA022505R9800	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B30PDW	1SCA022505R9980	1	1.9

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS 40_	EXP5X150	OHB65J5	
OS 32_...63_	EXP6X161	OHB65J6	
OS100_...160_	EXP6X161	OHB65J6	M8x25
OS200_...250_	EXP6X210	OHB65J6	M10x30
OS315_...400_	EXP12X250	OHB95J12	M10x30

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm



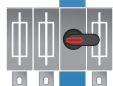
Switch fuses, BS type

Ordering information



3-poles

OS_B12_



OS_B21_



OS_B03_



4-poles

OS_B22_N1_



OS_B22_N2_

S04036

Switch fuses, plug in, bottom out connection (PD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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50 mm bus bar distance

Mechanism between the poles

Including 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	OS32B21CPD	1SCA022693R7270	1	1.7
32	15/18,5/22	A2...A3	4	OS32B22CPDN2	1SCA022694R0490	1	2.0
63	30/37/55	A2...A3	3	OS63B21CPD	1SCA022693R7510	1	1.7
63	30/37/55	A2...A3	4	OS63B22CPDN2	1SCA022694R0140	1	2.0

Including the terminal bolt kits.

100	55/55/90	A2...A3	3	OS100B12CPDW	1SCA022695R9240	1	1.9
100	55/55/90	A2...A3	4	OS100B22CPDN2W	1SCA022695R9320	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12CPDW	1SCA022695R9410	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22CPDN2W	1SCA022695R9590	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12PD5P	1SCA022856R8470	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21PD5P	1SCA022856R8550	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22PD5N1P	1SCA022857R1510	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22PD5N2P	1SCA022857R1690	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PD5P	1SCA022857R4440	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PD5P	1SCA022857R4520	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PD5N1P	1SCA022857R6810	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PD5N2P	1SCA022857R6900	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PD5P	1SCA022857R9240	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PD5P	1SCA022857R9320	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PD5N1P	1SCA022858R1730	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PD5N2P	1SCA022858R1810	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PD5P	1SCA022860R9170	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PD5P	1SCA022860R9250	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PD5N1P	1SCA022860R9330	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PD5N2P	1SCA022860R9410	1	12.5

No offset between the center pole and the handle alignment

Including 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	OS32B21CPD0	1SCA022693R7350	1	1.7
32	15/18,5/22	A2...A3	4	OS32B22CPD0N2	1SCA022694R0310	1	2.0
63	30/37/55	A2...A3	3	OS63B21CPD0	1SCA022693R7430	1	1.7
63	30/37/55	A2...A3	4	OS63B22CPD0N2	1SCA022694R0220	1	2.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS 32 ...63	OXF6X161	OHB65J6	
OS100 ...160	OXF6X161	OHB65J6	M8x25
OS200 ...250	OXF6X210	OHB65J6	M10x30
OS315 ...400	OXF12X250	OHB95J12	M10x30

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm



Switch fuses, BS type

Ordering information

Switch fuses, plug in, right out connection (PR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

100	55/55/90	A2...A3	3	OS100B12PRW	1SCA022594R1090	1	1.9
100	55/55/90	A2...A3	3	OS100B21PRW	1SCA022693R6380	1	1.9
100	55/55/90	A2...A3	4	OS100B13PRN1W	1SCA022693R6540	1	2.2
100	55/55/90	A2...A3	4	OS100B22PRN1W	1SCA022693R6620	1	2.2
100	55/55/90	A2...A3	4	OS100B31PRN2W	1SCA022594R1760	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12PRW	1SCA022506R2340	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B21PRW	1SCA022506R2510	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B13PRN1W	1SCA022507R7110	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B22PRN1W	1SCA022510R6140	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B31PRN2W	1SCA022510R5500	1	2.2
200	110/140/180	B1...B3 ²⁾	3	OS200B12PRP	1SCA022856R6340	1	5.9
200	110/140/180	B1...B3 ²⁾	3	OS200B21PRP	1SCA022856R6420	1	5.9
200	110/140/180	B1...B3 ²⁾	4	OS200B22PRN1P	1SCA022856R9010	1	8.5
200	110/140/180	B1...B3 ²⁾	4	OS200B22PRN2P	1SCA022856R9100	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PRP	1SCA022857R2400	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PRP	1SCA022857R2580	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PRN1P	1SCA022857R5090	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PRN2P	1SCA022857R5170	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PRP	1SCA022857R7460	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PRP	1SCA022857R7540	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PRN1P	1SCA022857R9830	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PRN2P	1SCA022857R9910	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PRP	1SCA022858R2380	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PRP	1SCA022858R2460	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PRN1P	1SCA022858R4320	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PRN2P	1SCA022858R4410	1	12.5

Mechanism at the end of the switch fuse

100	55/55/90	A2...A3	3	OS100B03PRW	1SCA022695R8940	1	1.9
100	55/55/90	A2...A3	3	OS100B30PRW	1SCA022594R1410	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B03PRW	1SCA022506R1450	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B30PRW	1SCA022506R1880	1	1.9

50 mm bus bar distance

Mechanism between the poles

200	110/140/180	B1...B2 ²⁾	3	OS200B12PR5P	1SCA022856R6510	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21PR5P	1SCA022856R6690	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22PR5N1P	1SCA022856R9360	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22PR5N2P	1SCA022856R9010	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PR5P	1SCA022857R2660	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PR5P	1SCA022857R2740	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PR5N1P	1SCA022857R5250	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PR5N2P	1SCA022857R5330	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PR5P	1SCA022857R7620	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PR5P	1SCA022857R7710	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PR5N1P	1SCA022858R0090	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PR5N2P	1SCA022858R0170	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PR5P	1SCA022858R2540	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PR5P	1SCA022858R2620	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PR5N1P	1SCA022858R4590	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PR5N2P	1SCA022858R4670	1	12.5

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100 ...160	OXF6X161	OHB65J6	M8x25
OS200 ...250	OXF6X210	OHB65J6	M8x16
OS315 ...400	OXF12X250	OHB95J12	M8x16

¹⁾ Fuse standards BS 88-2

²⁾ Max fuse body dia 32 mm

³⁾ Max fuse body dia 52 mm

⁴⁾ Max fuse body dia 62 mm



Switch fuses, BS type

Ordering information

Switch fuses, plug in, left out connection (PL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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60 mm bus bar distance

Mechanism between the poles

100	55/55/90	A2...A3	3	OS100B12PLW	1SCA022594R1170	1	1.9
100	55/55/90	A2...A3	3	OS100B21PLW	1SCA022695R8190	1	1.9
100	55/55/90	A2...A3	4	OS100B13PLN1W	1SCA022695R8270	1	2.2
100	55/55/90	A2...A3	4	OS100B22PLN1W	1SCA022695R8350	1	2.2
100	55/55/90	A2...A3	4	OS100B31PLN2W	1SCA022594R2310	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12PLW	1SCA022594R2490	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B21PLW	1SCA022695R8430	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B13PLN1W	1SCA022695R8510	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B22PLN1W	1SCA022695R8780	1	2.2
160	75/90/132	A2...A4 ¹⁾	4	OS160B31PLN2W	1SCA022594R2650	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12PLP	1SCA022856R7150	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21PLP	1SCA022856R7230	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22PLN1P	1SCA022856R9870	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22PLN2P	1SCA022856R9950	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PLP	1SCA022857R3210	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PLP	1SCA022857R3390	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PLN1P	1SCA022857R5840	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PLN2P	1SCA022857R5920	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PLP	1SCA022857R8270	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PLP	1SCA022857R8350	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PLN1P	1SCA022858R0760	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PLN2P	1SCA022858R0840	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PLP	1SCA022858R3190	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PLP	1SCA022858R3270	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PLN1P	1SCA022858R5130	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PLN2P	1SCA022858R5210	1	12.5

Mechanism at the end of the switch fuse

100	55/55/90	A2...A3	3	OS100B03PLW	1SCA022695R9080	1	1.9
100	55/55/90	A2...A3	3	OS100B30PLW	1SCA022594R1500	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B03PLW	1SCA022695R9160	1	1.9
160	75/90/132	A2...A4 ¹⁾	3	OS160B30PLW	1SCA022594R2570	1	1.9

50 mm bus bar distance

Mechanism between the poles

200	110/140/180	B1...B2 ²⁾	3	OS200B12PL5P	1SCA022856R7400	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21PL5P	1SCA022856R7580	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22PL5N1P	1SCA022857R0020	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22PL5N2P	1SCA022857R0110	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12PL5P	1SCA022857R3550	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21PL5P	1SCA022857R3630	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22PL5N1P	1SCA022857R6060	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22PL5N2P	1SCA022857R6140	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12PL5P	1SCA022857R8430	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21PL5P	1SCA022857R8510	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22PL5N1P	1SCA022858R0920	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22PL5N2P	1SCA022858R1060	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12PL5P	1SCA022858R3350	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21PL5P	1SCA022858R3430	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22PL5N1P	1SCA022858R5300	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22PL5N2P	1SCA022858R5480	1	12.5

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160	OXF6X161	OHB65J6	M8x25
OS200...250	OXF6X210	OHB65J6	M8x16
OS315...400	OXF12X250	OHB95J12	M8x16

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

SO4038



Switch fuses, BS type

Ordering information

Switch fuses, back in, bottom out connection (BD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12BDW	1SCA022558R5790	1	1.9
100	55/55/90	A2...A3	4	OS100B22BDN2W	1SCA022558R6090	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12BDW	1SCA022558R6330	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22BDN2W	1SCA022558R6680	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12BDP	1SCA102128R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	3	OS200B21BDP	1SCA105603R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B22BDN1P	1SCA105605R1001	1	4.2
200	110/140/180	B1...B2 ²⁾	4	OS200B22BDN2P	1SCA102152R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B12BDP	1SCA102003R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	3	OS250B21BDP	1SCA105606R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B22BDN1P	1SCA105607R1001	1	5.1
250	140/170/240	B1...B3 ²⁾	4	OS250B22BDN2P	1SCA102195R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B12BDP	1SCA102237R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	3	OS315B21BDP	1SCA105608R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B22BDN1P	1SCA105609R1001	1	9.1
315	180/220/295	B1...B4 ³⁾	4	OS315B22BDN2P	1SCA102241R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B12BDP	1SCA102256R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	3	OS400B21BDP	1SCA105610R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B22BDN1P	1SCA105611R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	4	OS400B22BDN2P	1SCA102258R1001	1	9.1
Mechanism at the end of the switch fuse							
100	55/55/90	A2...A3	3	OS100B03BDW	1SCA022558R6920	1	1.9
100	55/55/90	A2...A3	4	OS100B04BDN2W	1SCA022558R7220	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B03BDW	1SCA022554R6710	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B04BDN2W	1SCA022558R7570	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B03BDP	1SCA102084R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B04BDN2P	1SCA102136R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B03BDP	1SCA102174R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B04BDN2P	1SCA102170R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B03BDP	1SCA102229R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B04BDN2P	1SCA102232R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B03BDP	1SCA102251R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B04BDN2P	1SCA102245R1001	1	9.1
630	355/450/560	C1-C2	3	OESA630B03BD	1SCA022291R3600	1	16.4
630	355/450/560	C1-C2	4	OESA630B04BDN2	1SCA022301R1100	1	25.0
800 ⁴⁾	400/500/710	C1-C3	3	OESA800B03BD	1SCA022301R4460	1	18.4
800 ⁴⁾	400/500/710	C1-C3	4	OESA800B04BDN2	1SCA022301R5010	1	28.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100 ...160_	OXF6X161	OHB65J6	M8x25
OS200_	OXF6X210	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS315 ...400	OXF12X250	OHB95J12	M10x30
OESA630 ...800_	OXF12X250	OHB125J12	M12x40

¹⁾ Fuse standards BS 88-2

²⁾ Max fuse body dia 32 mm

³⁾ Max fuse body dia 52 mm

⁴⁾ Max fuse body dia 62 mm

AC-23A operational current is 720 A



Switch fuses, BS type

Ordering information

Switch fuses, back in, back out connection (BB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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Mechanism between the poles

100	55/55/90	A2...A3	3	OS100B12BBW	1SCA022558R5870	1	1.9
100	55/55/90	A2...A3	4	OS100B22BBN2W	1SCA022558R6170	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12BBW	1SCA022558R6410	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22BBN2W	1SCA022558R6760	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12BBP	1SCA102124R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B22BBN2P	1SCA102130R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B12BBP	1SCA102178R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B22BBN2P	1SCA102188R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B12BBP	1SCA102234R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B22BBN2P	1SCA102247R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B12BBP	1SCA102254R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B22BBN2P	1SCA102263R1001	1	9.1

Mechanism at the end of the switch fuse

100	55/55/90	A2...A3	3	OS100B03BBW	1SCA022558R7060	1	1.9
100	55/55/90	A2...A3	4	OS100B04BBN2W	1SCA022558R7310	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B03BBW	1SCA022557R8910	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B04BBN2W	1SCA022558R7650	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B03BBP	1SCA102082R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B04BBN2P	1SCA102123R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B03BBP	1SCA102168R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B04BBN2P	1SCA102164R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B03BBP	1SCA102222R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B04BBN2P	1SCA102225R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B03BBP	1SCA102252R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B04BBN2P	1SCA102248R1001	1	9.1
630	355/450/560	C1-C2	3	OESA630B03BB	1SCA022301R0710	1	16.4
630	355/450/560	C1-C2	4	OESA630B04BBN2	1SCA022301R1360	1	25.0
800 ⁴⁾	400/500/710	C1-C3	3	OESA800B03BB	1SCA022291R4080	1	18.4
800 ⁴⁾	400/500/710	C1-C3	4	OESA800B04BBN2	1SCA022301R5270	1	28.0

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160_	OXF6X161	OHB65J6	M8x25
OS200_	OXF6X210	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS315...400_	OXF12X250	OHB95J12	M10x30
OESA630...800_	OXF12X250	OHB125J12	M12x40

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

⁴⁾ AC-23A operational current is 720 A



Switch fuses, BS type Ordering information

Switch fuses, top in, back out connection (UB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

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

100	55/55/90	A2...A3	3	OS100B12UBW	1SCA022558R5950	1	1.9
100	55/55/90	A2...A3	4	OS100B22UBN2W	1SCA022558R6250	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12UBW	1SCA022558R6500	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22UBN2W	1SCA022558R6840	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12UBP	1SCA102127R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B22UBN2P	1SCA102144R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B12UBP	1SCA102183R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B22UBN2P	1SCA102194R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B12UBP	1SCA102235R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B22UBN2P	1SCA102246R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B12UBP	1SCA102261R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B22UBN2P	1SCA102268R1001	1	9.1

Mechanism at the end of the switch fuse

100	55/55/90	A2...A3	3	OS100B03UBW	1SCA022558R7140	1	1.9
100	55/55/90	A2...A3	4	OS100B04UBN2W	1SCA022558R7490	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B03UBW	1SCA022557R9040	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B04UBN2W	1SCA022558R7730	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B03UBP	1SCA102129R1001	1	3.3
200	110/140/180	B1...B2 ²⁾	4	OS200B04UBN2P	1SCA102135R1001	1	4.2
250	140/170/240	B1...B3 ²⁾	3	OS250B03UBP	1SCA102169R1001	1	4.3
250	140/170/240	B1...B3 ²⁾	4	OS250B04UBN2P	1SCA102181R1001	1	5.1
315	180/220/295	B1...B4 ³⁾	3	OS315B03UBP	1SCA102228R1001	1	7.1
315	180/220/295	B1...B4 ³⁾	4	OS315B04UBN2P	1SCA102218R1001	1	9.1
400	230/280/355	B1...B4 ³⁾	3	OS400B03UBP	1SCA102240R1001	1	7.1
400	230/280/355	B1...B4 ³⁾	4	OS400B04UBN2P	1SCA102262R1001	1	9.1
630	355/450/560	C1-C2	3	OESA630B03UB	1SCA022291R3860	1	16.4
630	355/450/560	C1-C2	4	OESA630B04UBN2	1SCA022301R1520	1	25.0
800 ⁴⁾	400/500/710	C1-C3	3	OESA800B03UB	1SCA022301R4620	1	18.4
800 ⁴⁾	400/500/710	C1-C3	4	OESA800B04UBN2	1SCA022301R5430	1	28

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160_	OXF6X161	OHB65J6	M8x25
OS200_	OXF6X210	OHB65J6	M8x25
OS250_	OXF6X210	OHB65J6	M10x30
OS315...400_	OXF12X250	OHB95J12	M10x30
OESA630...800_	OXF12X250	OHB125J12	M12x40

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

⁴⁾ AC-23A operational current is 720 A



Switch fuses, BS type

Ordering information

Switch fuses, back in, right out connection (BR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12BRW	1SCA022696R2110	1	1.9
100	55/55/90	A2...A3	4	OS100B22BRN2W	1SCA022696R2710	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12BRW	1SCA022696R3430	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22BRN2W	1SCA022696R4080	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12BRP	1SCA022853R5380	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21BRP	1SCA022853R5200	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22BRN1P	1SCA022853R5890	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22BRN2P	1SCA022853R5970	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12BRP	1SCA022853R6430	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21BRP	1SCA022853R6510	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22BRN1P	1SCA022853R7080	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22BRN2P	1SCA022853R7160	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12BRP	1SCA022854R0200	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21BRP	1SCA022854R0380	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22BRN1P	1SCA022854R0890	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22BRN2P	1SCA022854R0970	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12BRP	1SCA022854R1430	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21BRP	1SCA022854R1510	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22BRN1P	1SCA022854R2080	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22BRN2P	1SCA022854R2160	1	12.5

Switch fuses, back in, left out connection (BL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
200	110/140/180	B1...B2 ²⁾	3	OS200B12BLP	1SCA022854R3300	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21BLP	1SCA022854R3480	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22BLN1P	1SCA022854R4530	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22BLN2P	1SCA022854R4610	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12BLP	1SCA022854R6150	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21BLP	1SCA022854R6230	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22BLN1P	1SCA022854R7550	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22BLN2P	1SCA022854R7630	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12BLP	1SCA022854R9170	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21BLP	1SCA022854R9250	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22BLN1P	1SCA022855R0340	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22BLN2P	1SCA022855R0420	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12BLP	1SCA022855R1820	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21BLP	1SCA022855R1910	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22BLN1P	1SCA022855R3010	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22BLN2P	1SCA022855R3100	1	12.5

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160	OXF6X161	OHB65J6	M8x25
OS200...250	OXF6X210	OHB65J6	M10x30, M8x16 (side)
OS315...400	OXF12X250	OHB95J12	M10x30, M8x16 (side)

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

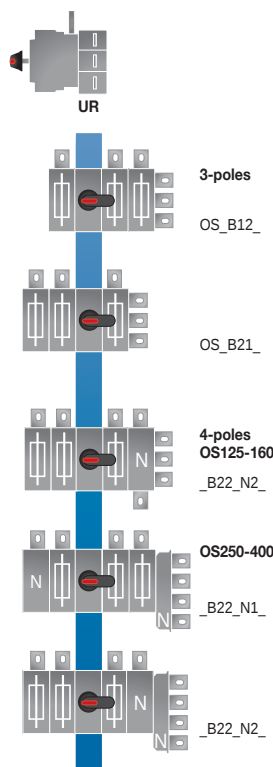
³⁾ Max fuse body dia 62 mm

S04042



Switch fuses, BS type

Ordering information



Switch fuses, top in, right out connection (UR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12URW	1SCA022696R2540	1	1.9
100	55/55/90	A2...A3	4	OS100B22URN2W	1SCA022696R3270	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12URW	1SCA022696R3940	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22URN2W	1SCA022696R4590	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12URP	1SCA022854R2410	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21URP	1SCA022854R2590	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22URN1P	1SCA022854R3990	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22URN2P	1SCA022854R4020	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12URP	1SCA022854R5260	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21URP	1SCA022854R5340	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22URN1P	1SCA022854R6910	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22URN2P	1SCA022854R7040	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12URP	1SCA022854R8280	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21URP	1SCA022854R8360	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22URN1P	1SCA022854R9760	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22URN2P	1SCA022854R9840	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12URP	1SCA022855R1070	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21URP	1SCA022855R1150	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22URN1P	1SCA022855R2470	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22URN2P	1SCA022855R2550	1	12.5

Switch fuses, top in, left out connection (UL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12ULW	1SCA022696R2030	1	1.9
100	55/55/90	A2...A3	4	OS100B22ULN2W	1SCA022696R3190	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12ULW	1SCA022696R3860	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22ULN2W	1SCA022696R4410	1	2.2

Shafts and handles included as standard

Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160	EXP6X161	OHB65J6	M8x25
OS200...250	EXP6X210	OHB65J6	M10x30, M8x16 (side)
OS315...400	EXP12X250	OHB95J12	M10x30, M8x16 (side)

¹⁾ Fuse standards BS 88-2

²⁾ Max fuse body dia 32 mm

³⁾ Max fuse body dia 52 mm

⁴⁾ Max fuse body dia 62 mm



Switch fuses, BS type

Ordering information

Switch fuses, right in, bottom out connection (RD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size ¹⁾	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12RDW	1SCA022696R2200	1	1.9
100	55/55/90	A2...A3	4	OS100B22RDN2W	1SCA022696R2890	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12RDW	1SCA022696R3510	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22RDN2W	1SCA022696R4160	1	2.2

Switch fuses, left in, bottom out connection (LD)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12LDW	1SCA022696R2460	1	1.9
100	55/55/90	A2...A3	4	OS100B22LDN2W	1SCA022696R3010	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12LDW	1SCA022696R3780	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22LDN2W	1SCA022696R4320	1	2.2

Switch fuses, bottom in, left out connection (DL)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
200	110/140/180	B1...B2 ²⁾	3	OS200B12DLP	1SCA022854R3720	1	5.9
200	110/140/180	B1...B2 ²⁾	3	OS200B21DLP	1SCA022854R3810	1	5.9
200	110/140/180	B1...B2 ²⁾	4	OS200B22DLN1P	1SCA022854R4960	1	8.5
200	110/140/180	B1...B2 ²⁾	4	OS200B22DLN2P	1SCA022854R5000	1	8.5
250	140/170/240	B1...B3 ²⁾	3	OS250B12DLP	1SCA022854R6580	1	5.9
250	140/170/240	B1...B3 ²⁾	3	OS250B21DLP	1SCA022854R6660	1	5.9
250	140/170/240	B1...B3 ²⁾	4	OS250B22DLN1P	1SCA022854R8010	1	8.5
250	140/170/240	B1...B3 ²⁾	4	OS250B22DLN2P	1SCA022854R8100	1	8.5
315	180/220/295	B1...B4 ³⁾	3	OS315B12DLP	1SCA022854R9500	1	9.3
315	180/220/295	B1...B4 ³⁾	3	OS315B21DLP	1SCA022854R9680	1	9.3
315	180/220/295	B1...B4 ³⁾	4	OS315B22DLN1P	1SCA022855R0770	1	12.5
315	180/220/295	B1...B4 ³⁾	4	OS315B22DLN2P	1SCA022855R0850	1	12.5
400	230/280/355	B1...B4 ³⁾	3	OS400B12DLP	1SCA022855R2210	1	9.3
400	230/280/355	B1...B4 ³⁾	3	OS400B21DLP	1SCA022855R2390	1	9.3
400	230/280/355	B1...B4 ³⁾	4	OS400B22DLN1P	1SCA022855R3440	1	12.5
400	230/280/355	B1...B4 ³⁾	4	OS400B22DLN2P	1SCA022855R3610	1	12.5

Shafts and handles included as standard

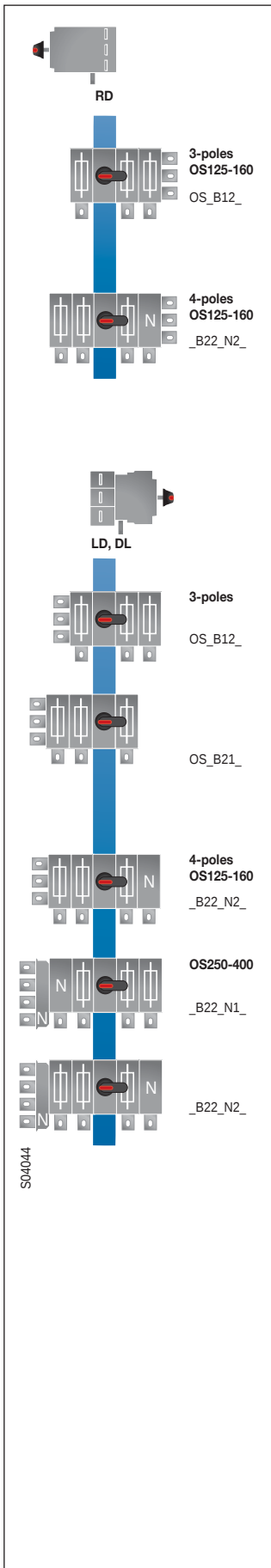
Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100...160_	OXF6X161	OHB65J6	M8x25
OS200...250_	OXF6X210	OHB65J6	M10x30, M8x16 (side)
OS315...400_	OXF12X250	OHB95J12	M10x30, M8x16 (side)

¹⁾ Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm



S04044



Switch fuses, BS type

Ordering information

Switch fuses, left in, right out connection (LR)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Rated op. power AC-23A 415/500/690V [kW]	Fuse size*)	Number of poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12LRW	1SCA022696R2620	1	1.9
100	55/55/90	A2...A3	4	OS100B22LRN2W	1SCA022696R3350	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12LRW	1SCA022505R8230	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22LRN2W	1SCA022507R3380	1	2.2
200	110/140/180	B1...B2 ²⁾	3	OS200B12LRP	1SCA022854R2910	1	6.2
200	110/140/180	B1...B2 ²⁾	3	OS200B21LRP	1SCA022854R3050	1	6.2
200	110/140/180	B1...B2 ²⁾	4	OS200B22LRP	1SCA022854R4290	1	9.1
250	140/170/240	B1...B3 ²⁾	3	OS250B12LRP	1SCA022854R5690	1	6.2
250	140/170/240	B1...B3 ²⁾	3	OS250B21LRP	1SCA022854R5850	1	6.2
250	140/170/240	B1...B3 ²⁾	4	OS250B22LRP	1SCA022854R7210	1	9.1
315	180/220/295	B1...B4 ³⁾	3	OS315B12LRP	1SCA022854R8790	1	9.6
315	180/220/295	B1...B4 ³⁾	3	OS315B21LRP	1SCA022854R8870	1	9.6
315	180/220/295	B1...B4 ³⁾	4	OS315B22LRP	1SCA022855R0000	1	12.8
400	230/280/355	B1...B4 ³⁾	3	OS400B12LRP	1SCA022855R1400	1	9.6
400	230/280/355	B1...B4 ³⁾	3	OS400B21LRP	1SCA022855R1580	1	9.6
400	230/280/355	B1...B4 ³⁾	4	OS400B22LRP	1SCA022855R2710	1	12.8

Switch fuses, left in, back out connection (LB)

Including a black handle with I-O and ON-OFF -indication (IP65), a shaft and terminal bolt kits as standard, see the table below. The handle is padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Mechanism between the poles							
100	55/55/90	A2...A3	3	OS100B12LBW	1SCA022696R2380	1	1.9
100	55/55/90	A2...A3	4	OS100B22LBN2W	1SCA022696R2970	1	2.2
160	75/90/132	A2...A4 ¹⁾	3	OS160B12LBW	1SCA022696R3600	1	1.9
160	75/90/132	A2...A4 ¹⁾	4	OS160B22LBN2W	1SCA022696R4240	1	2.2

Shafts and handles included as standard

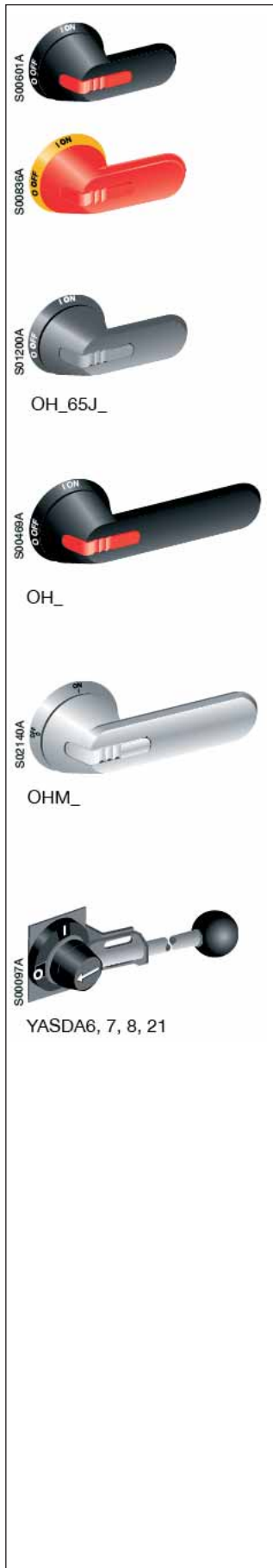
Suitable for switches	Included shaft	Includes handle	Included terminal bolts
OS100 ...160	OXF6X161	OHB65J6	M8x25
OS200 ...250	OXF6X210	OHB65J6	M8x16
OS315 ...400	OXF12X250	OHB95J12	M8x16

*) Fuse standards BS 88-2

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm



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 OESA630...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-O-II	220	YASDA 21	1SCA022098R9420	1	0.70
Black I-O-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)

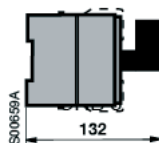
For shaft diameter 6 mm

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.



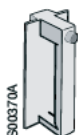
OHB5



OHB4



OSV_



OFAE504



OFAE505



OHZX14

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.

Colour	Handle length [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
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For 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 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 OS 200...400

Test OFF-ON/Test O-I indication

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

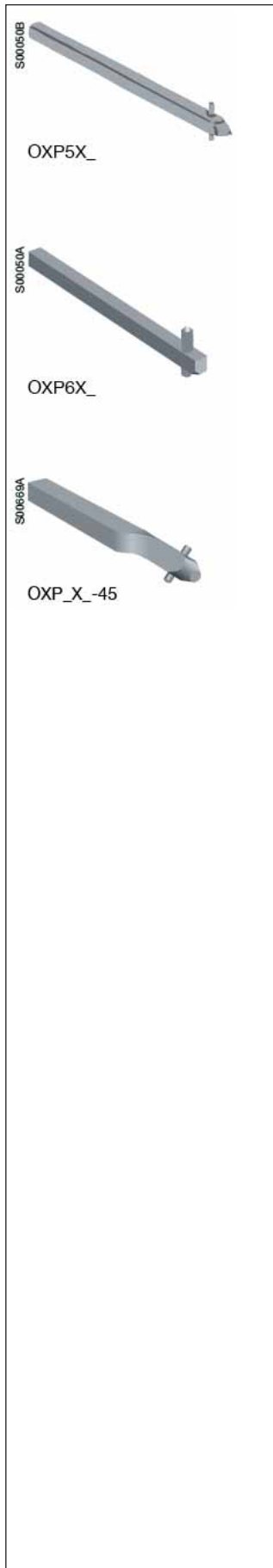
Suitable for switches	Colour	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200D...250D/B_	Black	OSV250DK	1SCA022763R3510	1	0.16
	Yellow-red	OSVY250DK	1SCA022778R6500	1	0.16
OS200B_	Black	OSV200BK	1SCA022779R7530	1	0.14
	Yellow-red	OSVY200BK	1SCA022779R7700	1	0.14
OS400D_	Black	OSV400DK	1SCA022763R4230	1	0.34
	Yellow-red	OSVY400DK	1SCA022779R5590	1	0.34
OS315...400B_	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

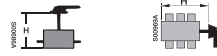
Extension ring for pistol type handles

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



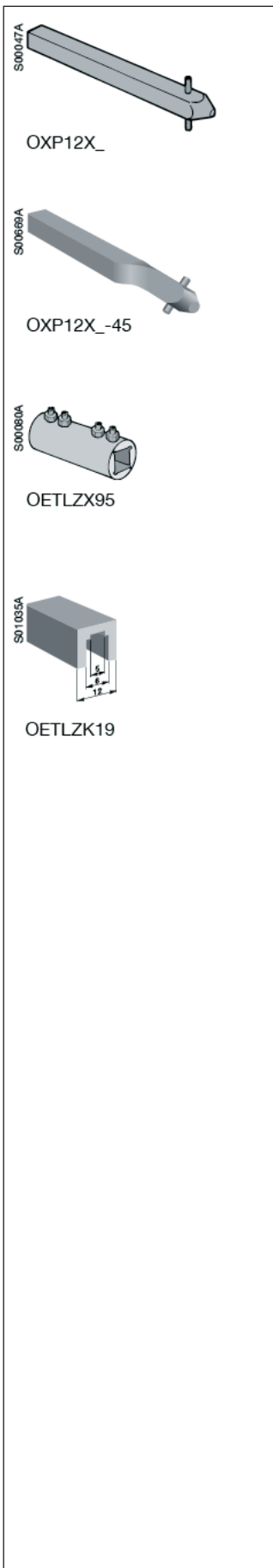
Shaft length [mm]	Front operated H / [mm]	Side operated H / [mm]	Type	Order number	Delivery batch [pcs]	Weight /unit [kg]
For OS 16...35 (Mini) ²⁾, shaft diameter 5 mm						
150	135...210	154...166	EXP5X150 ³⁾	1SCA022376R7300	10	0.05
170	155...230	174...186	EXP5X170	1SCA022376R7480	10	0.05
265	380...460	269...281	EXP5X265	1SCA022376R7560	10	0.08
400	380...460	404...416	EXP5X400	1SCA022376R7640	10	0.12
150	135...210	154...166	EXP5X150-45 ¹⁾	1SCA022474R1970	10	0.05
170	155...230	174...186	EXP5X170-45 ¹⁾	1SCA022474R2270	10	0.05
265	380...460	269...281	EXP5X265-45 ¹⁾	1SCA022474R2010	10	0.08
400	380...460	404...416	EXP5X400-45 ¹⁾	1SCA022474R2190	10	0.12
For OS 40 (Mini) ²⁾, shaft diameter 5 mm						
150	135...210	235...243	EXP5X150 ³⁾	1SCA022376R7300	10	0.05
170	155...230	255...363	EXP5X170	1SCA022376R7480	10	0.05
265	250...325	352...360	EXP5X265	1SCA022376R7560	10	0.08
400	385...460	487...495	EXP5X400	1SCA022376R7640	10	0.12
150	135...210	235...243	EXP5X150-45 ¹⁾	1SCA022474R1970	10	0.05
170	155...230	255...363	EXP5X170-45 ¹⁾	1SCA022474R2270	10	0.05
265	250...325	352...360	EXP5X265-45 ¹⁾	1SCA022474R2010	10	0.08
400	385...460	487...495	EXP5X400-45 ¹⁾	1SCA022474R2190	10	0.12
For OS 30...63 ⁴⁾, shaft diameter 6 mm						
150	130...249	210...272	EXP6X150	1SCA022295R5600	10	0.05
161	141...260	221...283	EXP6X161 ³⁾	1SCA022067R1760	10	0.05
210	190...309	270...332	EXP6X210	1SCA022295R6080	10	0.06
290	270...389	350...412	EXP6X290	1SCA022042R6370	10	0.08
360	340...459	420...482	EXP6X360	1SCA022042R6530	10	0.10
430	410...529	490...552	EXP6X430	1SCA022056R6030	10	0.12
210	190...309	270...332	EXP6X210-45 ¹⁾	1SCA022294R4230	10	0.06
290	270...389	350...412	EXP6X290-45 ¹⁾	1SCA022304R4290	10	0.08
360	340...459	420...482	EXP6X360-45 ¹⁾	1SCA022341R4640	10	0.10
For OS 100...160 ⁴⁾, shaft diameter 6 mm						
150	140...252	202,5...316	EXP6X150	1SCA022295R5600	10	0.05
161	140...263	202,5...327	EXP6X161 ³⁾	1SCA022067R1760	10	0.05
210	189...312	206...376	EXP6X210	1SCA022295R6080	10	0.06
290	269...392	286...456	EXP6X290	1SCA022042R6370	10	0.08
360	339...462	345...515	EXP6X360	1SCA022042R6530	10	0.10
430	409...532	415...585	EXP6X430	1SCA022056R6030	10	0.12
210	189...312	206...376	EXP6X210-45 ¹⁾	1SCA022294R4230	10	0.06
290	269...392	286...456	EXP6X290-45 ¹⁾	1SCA022304R4290	10	0.08
360	339...462	345...515	EXP6X360-45 ¹⁾	1SCA022341R4640 ¹⁾	10	0.10
For OS 200...250 DIN-type, shaft diameter 6 mm						
161	160...205		EXP6X161	1SCA022067R1760	10	0.05
210	189...254		EXP6X210 ³⁾	1SCA022295R6080	10	0.06
290	269...334		EXP6X290	1SCA022042R6370	10	0.08
For OS 200...250 BS-type, shaft diameter 6 mm						
161	140...205		EXP6X161	1SCA022067R1760	10	0.05
210	189...254		EXP6X210 ³⁾	1SCA022295R6080	10	0.06
290	269...334		EXP6X290	1SCA022042R6370	10	0.08

¹⁾ The shaft position is rotated 45 degrees

²⁾ Side operated, 4-pole: add 36 mm

³⁾ Included as standard

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	EXP12X250 ²⁾	1SCA022325R6980	1	0.30
280	260...355	EXP12X280	1SCA022137R5140	1	0.30
325	305...400	EXP12X325	1SCA022042R5810	1	0.36
395	375...470	EXP12X395	1SCA022042R5990	1	0.43
465	445...540	EXP12X465	1SCA022042R6020	1	0.51
535	515...610	EXP12X535	1SCA022042R6110	1	0.59

For OESA 630...800, shaft diameter 12 mm

250	255...325	EXP12X250	1SCA022325R6980	1	0.30
280	285...355	EXP12X280 ²⁾	1SCA022137R5140	1	0.30
325	330...400	EXP12X325	1SCA022042R5810	1	0.40
395	400...470	EXP12X395	1SCA022042R5990	1	0.50
465	470...540	EXP12X465	1SCA022042R6020	1	0.60
535	540...610	EXP12X535	1SCA022042R6110	1	0.70
280	285...355	EXP12X280-45 ¹⁾	1SCA022382R0800	1	0.30
325	330...400	EXP12X325-45 ¹⁾	1SCA022304R4450	1	0.40

Shaft extension socket

For extending the shaft of combination attachment.

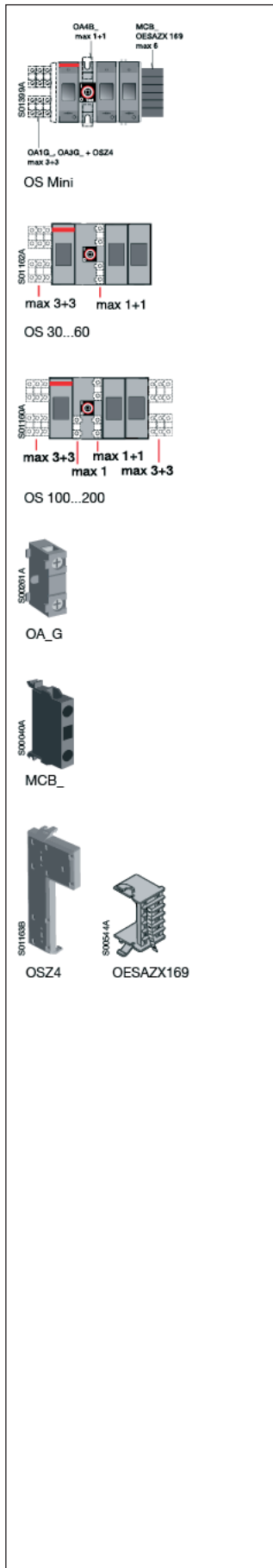
Suitable for shaft with diameter [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
12	OETLZX95	1SCA022083R5620	1	0.04

Adapters for extension socket

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

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.				
Test 0	open	closed	OA4B1C	1SCA022193R0150	1	0.03
I	open	open				
	closed	closed				

Single pole contacts > 3 mm contact gap.

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

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

1NO		MCB-10	1SCA022150R5110	1	0.03
1NC		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

Handle position	Main contacts	Aux. / Test contacts N.O.	Test indication ¹⁾ contact N.O.
Test 0	open	closed	closed
I	open	open	open
	closed	closed	open

¹⁾ Only in types OS 100...160

Side of Switch

Handle position	Main contacts	Aux. / Test contacts N.O.	Test indication ²⁾ contacts N.O.
Test 0	open	open	closed
I	open	open	open
	closed	closed	open

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.

Mounting on the right side of the switch	OESAZX169	1SCA022196R9360	1	0.06
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Auxiliary contacts

Auxiliary contacts for OS 200...400

Mounting on the left side of all (except side connected) switches: Max. 8 auxiliary contact blocks with the OEA28 module. Mounting on the side connected switches: Max. 2 auxiliary contact blocks on each side. Mounting under the mechanism cover:

- OS200...250: Max 4 test contacts or 2 test contacts + 2 test indication contacts.
- OS315...400: Max 4 test contacts and 4 test indication contacts.

The test contacts can be used as standard auxiliary contacts as well.

Suitable for switches	Description	Protection degree	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200...400	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 OS switch fuse

OEA28	1SCA022714R8810
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Auxiliary contacts for OESA 630...800

OESA 630...800		1NO+1NC	OZXK1	1SCA022131R8690	1	0.09
OESA 630...800		2NO+2NC	OZXK2	1SCA022131R8850	1	0.12
OESA 630...800		4NO+4NC	OZXK3 ¹⁾	1SCA022131R9070	1	0.17
OESA 630...800		2NO	OZXK4	1SCA022131R9230	1	0.09
OESA 630...800		4NO	OZXK5	1SCA022131R9400	1	0.12
OESA 630...800		8NO	OZXK6 ²⁾	1SCA022131R9660	1	0.17

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

OA4B1C		OA4B10, OA4B01		MCB_		For OA1G_ ₁ , OA3G_ ₃ , OA5G_ ₅ , OA6G_ ₆ ³⁾					For OZXK_ ⁴⁾			
AC15 Ue/Ie	DC12 Ue/Ie	AC15 Ue/Ie	DC12 Ue/Ie	AC15 Ue/Ie	DC13 Ue/Ie	Ue/[V]	AC15 Ie/[A]	Ue/[V]	DC12 Ie/[A]	DC13 Ie/[A]	AC12 Ue/[V]	Ie/[A]	Ue/[V]	DC12 Ie/[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 OZXK 3
²⁾ 16no = 2 x OZXK 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]
Fusible 4. poles					
OS32D_, OS63D_	Left	OSP4D	1SCA022472R7630	1	0.36
OS32B_, OS63B_	Left	OSP4B	1SCA022472R7980	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
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

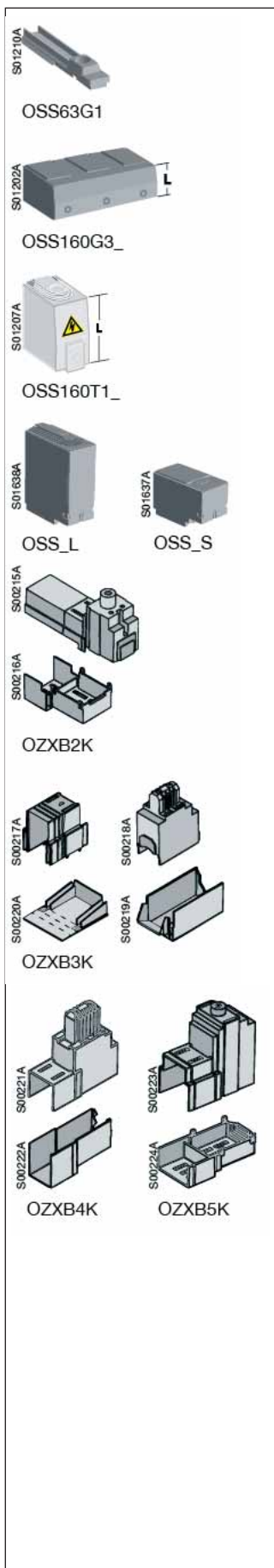
Neutral links

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...400						
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

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

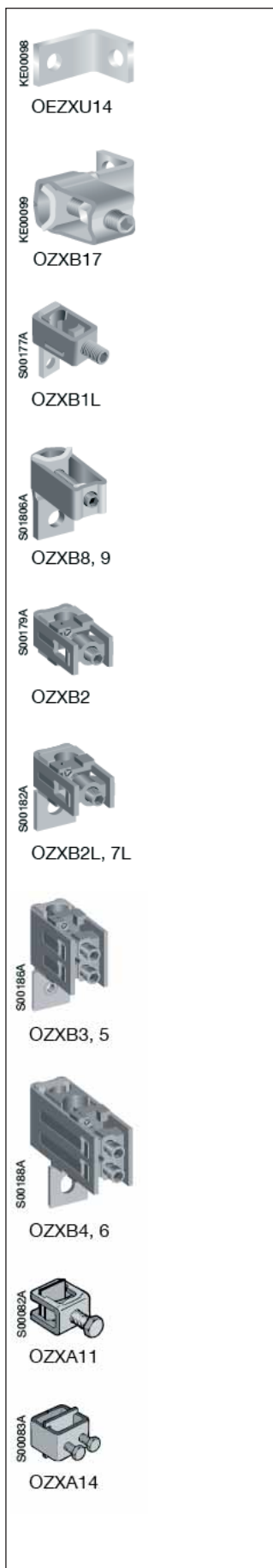
Solid links

Suitable for	Type	Order number	Units/ type [pcs]	Weight [kg]
OS20B... OS 32B (OS mini)	OESAZG98	1SCA022354R9650	1	0.01
OS32D... OS 160D	OFW00	1SCA022003R9680	1	0.08
OS32B... OS 100B	OESAZG5	1SCA022057R1380	1	0.02
OS125B...OS 160B	OESAZS36	1SCA022044R4600	1	0.02
OS200...400 B	OESAZK98	1SCA022067R7370	1	0.24
OESA630/800 B	OESAZL79	1SCA022067R7110	1	0.64
OS250 D	OFW1	1SCA022003R9760	1	0.15
OS400 D	OFW2	1SCA022003R9840	1	0.24
OESA630/800 D	OFW3	1SCA022003R9920	1	0.28



Terminal shrouds

Suitable for switches	Number of poles	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.						
OS200_BD_, UB_	3	Long type	OSS200G1L/3	1SCA022731R8910	3	0.09
	3	Short type	OSS200G1S/3	1SCA022732R0130	3	0.06
OS200_BD_, UB_	4	Long type	OSS200G1L/4	1SCA022731R9040	4	0.12
	4	Short type	OSS200G1S/4	1SCA022732R0050	4	0.08
OS250_BD_, UB_	3	Long type	OSS250G1L/3	1SCA022731R9390	3	0.09
	3	Short type	OSS250G1S/3	1SCA022731R9550	3	0.06
OS250_BD_, UB_	4	Long type	OSS250G1L/4	1SCA022731R9470	4	0.12
	4	Short type	OSS250G1S/4	1SCA022731R9630	4	0.08
OS315...400_BD_, UB_	3	Long type	OSS400G1L/3	1SCA022776R6650	3	0.18
	3	Short type	OSS400G1S/3	1SCA022776R6900	3	0.10
OS315...400_BD_, UB_	4	Long type	OSS400G1L/4	1SCA022776R6730	4	0.25
	4	Short type	OSS400G1S/4	1SCA022776R7030	4	0.15
Pack of single pole terminal (top and bottom) shrouds, IP20. Snap-on mounting, grey plastic. Suitable for switches PD, DL and UR						
OS200...250_	3	Short type	OSS250G1SH/3	1SCA100401R1001	3	0.01
OS200...250_	3	Long type	OSS250G1LH/3	1SCA100404R1001	3	0.01
OS200...250_	4	Short type	OSS250G1SH/4	1SCA100420R1001	4	0.01
OS200...250_	4	Long type	OSS250G1LH/4	1SCA100415R1001	4	0.01
OS315...400_	3	Short type	OSS400G1SH/3	1SCA100413R1001	3	0.01
OS315...400_	3	Long type	OSS400G1LH/3	1SCA100408R1001	3	0.01
OS315...400_	4	Short type	OSS400G1SH/4	1SCA100411R1001	4	0.01
OS315...400_	4	Long type	OSS400G1LH/4	1SCA100406R1001	4	0.01
Three and four pole side terminal shrouds, IP20. Snap-on mounting, grey plastic. Suitable for switches PL, PR, BL, BR, DL, LR and UR						
OS200...400_	3	Short type	OSS400G3SS	1SCA100390R1001	1	0.01
	3	Long type	OSS400G3LS	1SCA100396R1001	1	0.01
OS200...400_	4	Left side, short	OSS400G4SSL	1SCA100392R1001	1	0.01
	4	Left side, long	OSS400G4LSL	1SCA100398R1001	1	0.01
OS200...400_	4	Right side, short	OSS400G4SSR	1SCA100394R1001	1	0.01
	4	Right side, long	OSS400G4LSR	1SCA100400R1001	1	0.01
Single pole terminal shroud for the fourth pole side terminals. IP20, snap-on mounting, grey plastic.						
OS250_LR, _R, _L_	1	Short type	OSS250G1SH/1	1SCA103500R1001	1	0.003
OS400_LR, _R, _L_	1	Short type	OSS400G1SH/1	1SCA103503R1001	1	0.003
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



Connecting accessories

Suitable for switches	Type	Order number	Units/ type	Weight [pcs] [kg]
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Terminal angle

Terminal angle extension bar for cable connections in upper or lower position. Including terminal bolts M10x30.

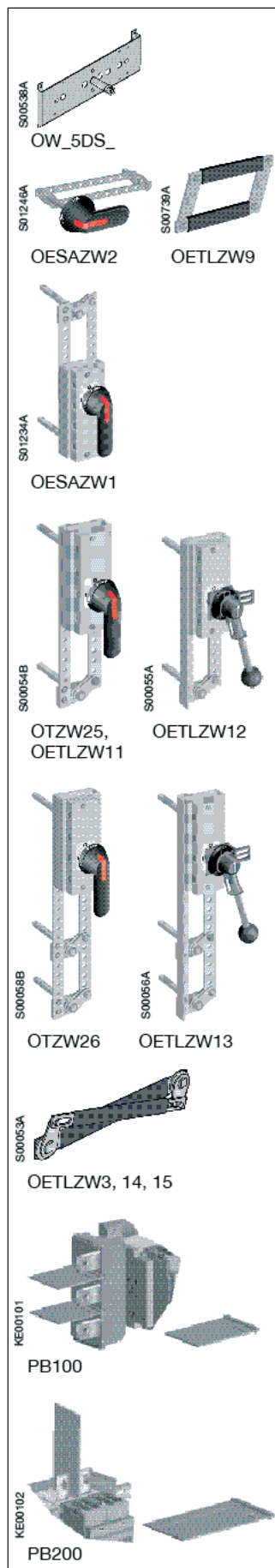
OS200...400_LR, _R, _L_	OEZXU14/3	1SCA100361R1001	3	0.24
	OEZXU14/4	1SCA101082R1001	4	0.32

Terminal clamp sets for Al- and Cu-cables

Suitable for switches	Cable cross section [mm²]	Suitable shroud	Type	Order number	Units/ type [pcs]	Weight [kg]
OS100...160	25...120		OZXB2	1SCA022119R7610	3	0.34
OS200...400_LR, _R, _L_	95...240		OZXB17	1SCA022859R3230	3	0.53
	95...240		OZXB17/1	1SCA022859R3150	1	0.17
OS200_BB, BD, UB	10...70	OSS200_L	OZXB 1L	1SCA022169R2030	3	0.15
	10...70	OSS200_L	OZXB 2L/1	1SCA022194R0030	1	0.05
	25...120	OZXB2K	OZXB 1	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
OS250_BB, BD, UB, LR, _R, _L_	25...120	OZXB2K	OZXB 2L	1SCA022158R7750	3	0.42
	25...120	OZXB2K	OZXB 2L/1	1SCA022194R0460	1	0.14
OS200B_LR, R, _L_	95...185	OZXB3K	OZXB 3	1SCA022136R8100	3	1.30
	95...185	OZXB3K	OZXB 3/1	1SCA022194R0620	1	0.44
Suitable for sideterminals only with OEZXU14	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_BB, BD, UB, LR, _R, _L_	25...120	OSS400_L	OZXB2L	1SCA022158R7750	3	0.42
	25...120	OSS400_L	OZXB2L/1	1SCA022194R0460	1	0.14
Suitable for sideterminals only with OEZXU14	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
OESA630...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

Terminal clamp sets for Cu cables

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



Conversion kits for combination switches

Suitable for switches	Remarks	Shaft distance [mm]	Type	Order number	Units/ type [pcs]	Weight [kg]
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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, OESA630-800	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
OESA630-800	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 OESA 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		0.30
OESA630-800	Two 3- or 4-pole switches needed	250	OETLZW14	1SCA022077R3410	1	0.70
OESA630-800	Two 3- or 4-pole switches needed	300	OETLZW3	1SCA022049R0380	1	0.80
OESA630-800	Two 3- or 4-pole switches needed	500	OETLZW15	1SCA022081R9340	1	1.24

Phase barriers

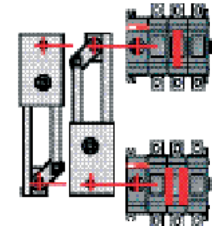
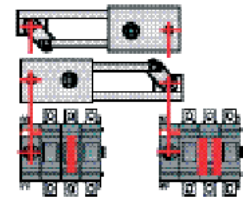
Low, h=100mm

High, h=200mm

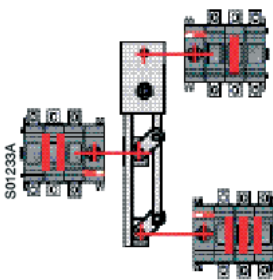
Suitable for switches	Poles	Remarks	Type	Order number	Units/ type [pcs]	Weight [kg]
OS200-400	3	low	PB100	1SDA054970R1	4	
	4	low	PB100	1SDA054971R1	6	
OS200-400	3	high	PB200	1SDA054972R1	4	
	4	high	PB200	1SDA054973R1	6	

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



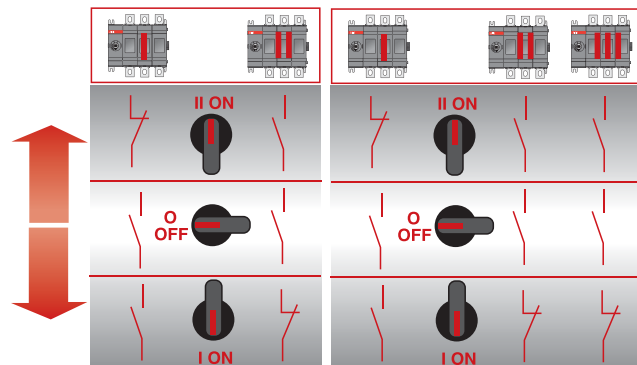
Change-over switches



Change-over and by-pass switches

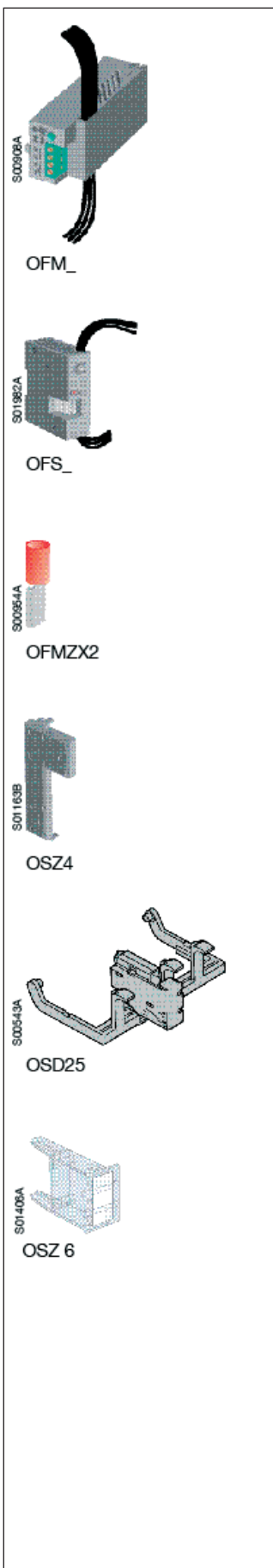


Mechanical interlock



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 OS200-400 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]
Crimp terminals					
OS_	2.8 - 0.8	OFMZ2	1SCA022475R9910	6	0.01
OESA	6.3-0.8	OFMZ4	1SCA022475R9750	6	0.02

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]
OS Mini				
for 3-pole switches	OSD25P3	1SCA022192R9060	1	0.1
for 4-pole switches, fused neutral	OSD25P4	1SCA022196R9520	1	0.1
OS200...400, OESA 630...800				
for 3-pole switches	OSZX3	1SCA101224R1001	1	0.15
for 4-pole switches	OSZX4	1SCA101225R1001	1	0.20

Legend plate

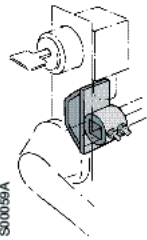
Mounted into the mounting holes of the auxiliary contacts in the mechanism. Prevents access to live parts through the switch board door.

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

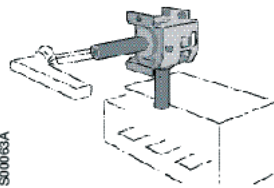
Protection plug

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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OETLZW5



OETLZX108

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...400	OETLZW5	1SCA022052R3900	1	0.14

90° angle kit

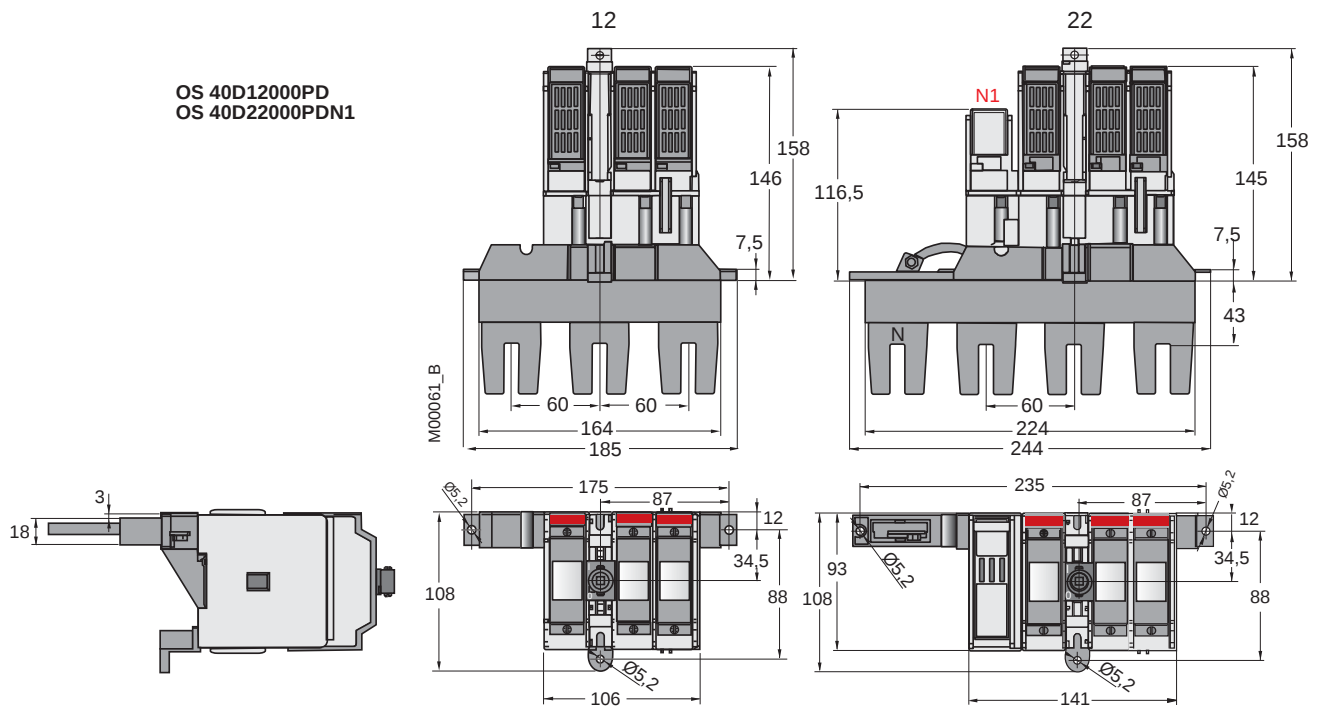
A normal switch can be changed into a side operated switch

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

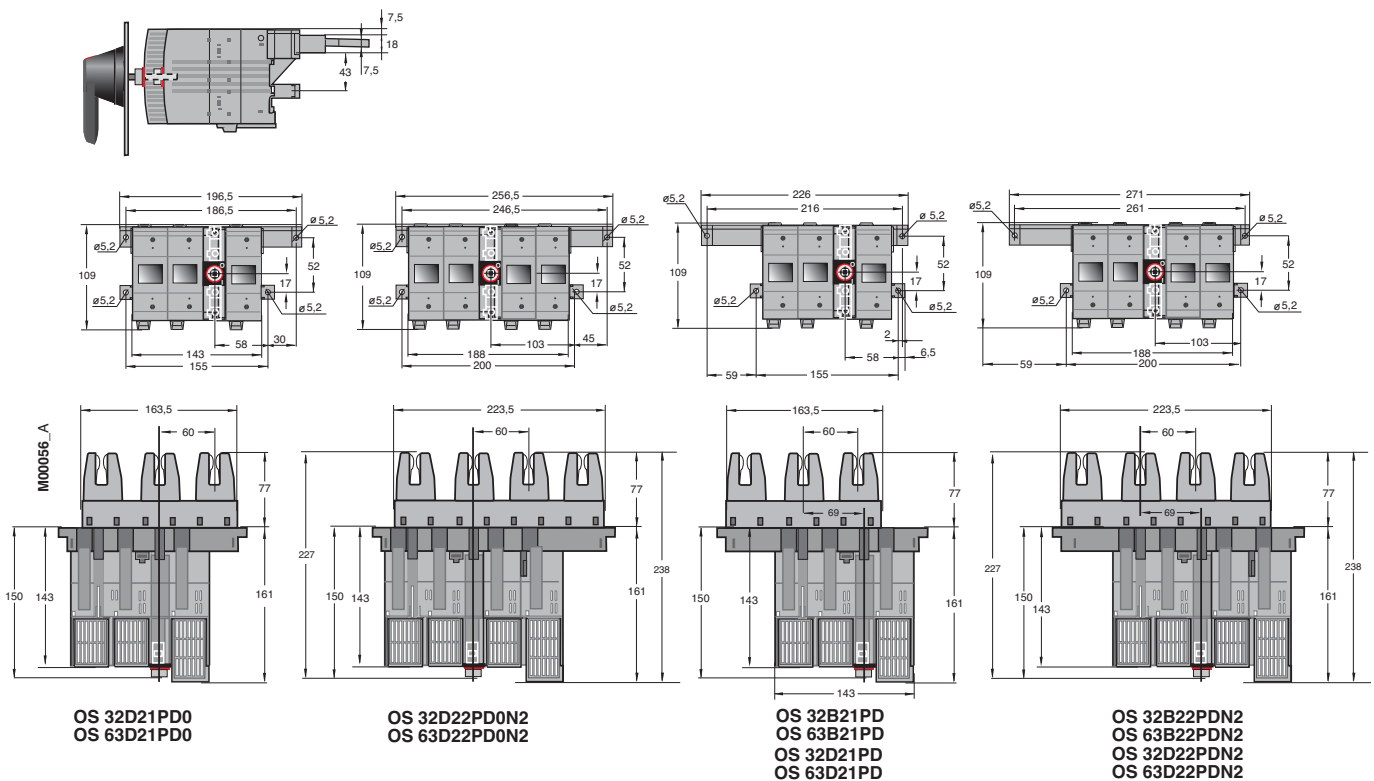


Switch fuses OS, plug in connections Dimension drawings

OS40D12/22_ (PD)



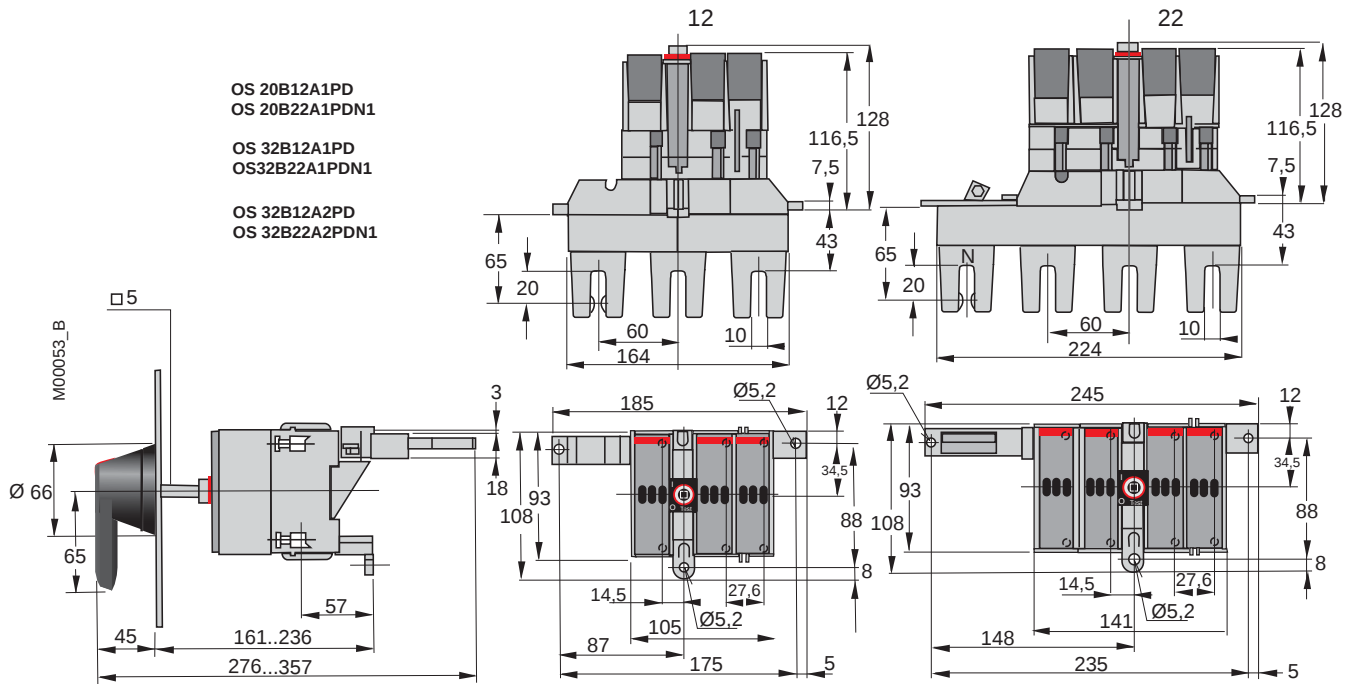
OS32_21/22_ and OS63_21/22_ (PD)



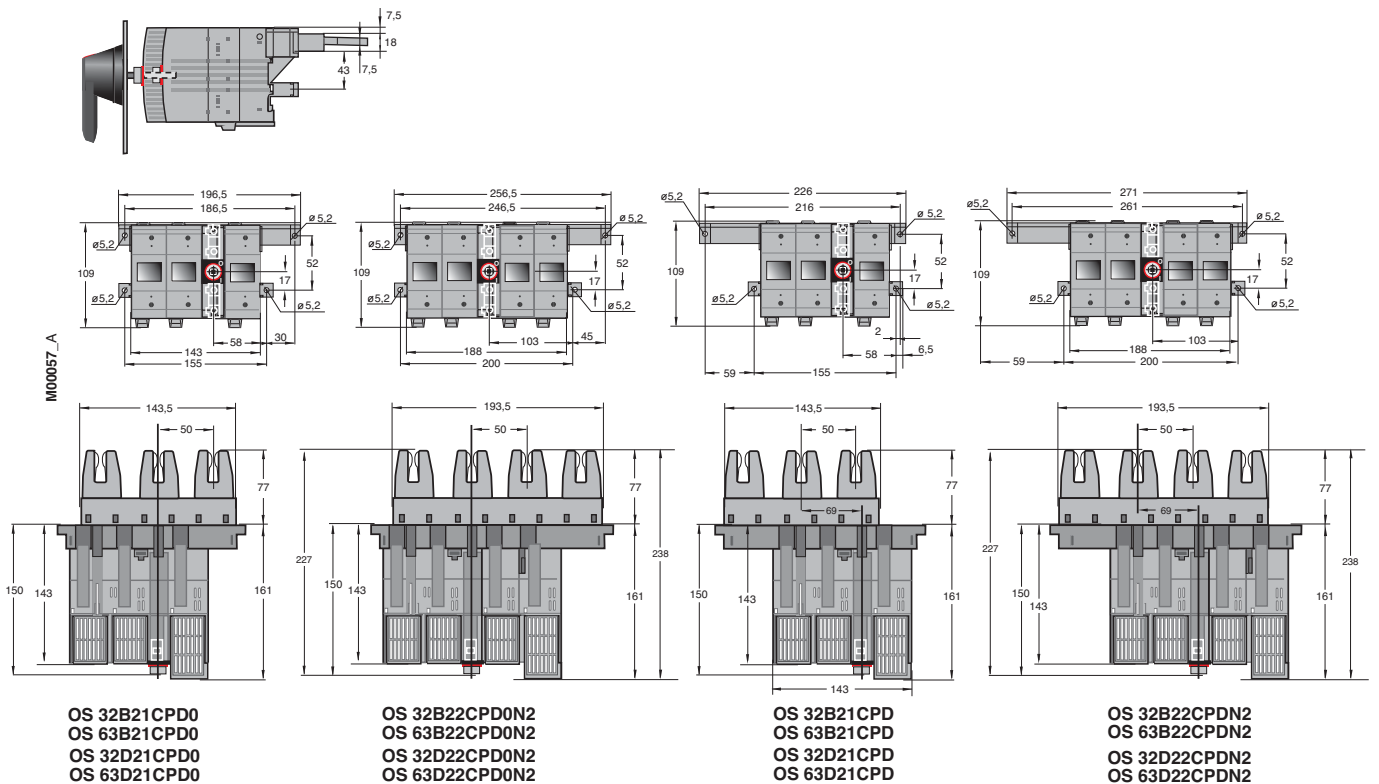


Switch fuses OS, plug in connections Dimension drawings

OS20B12/22_, OS32B12/22_ (PD)



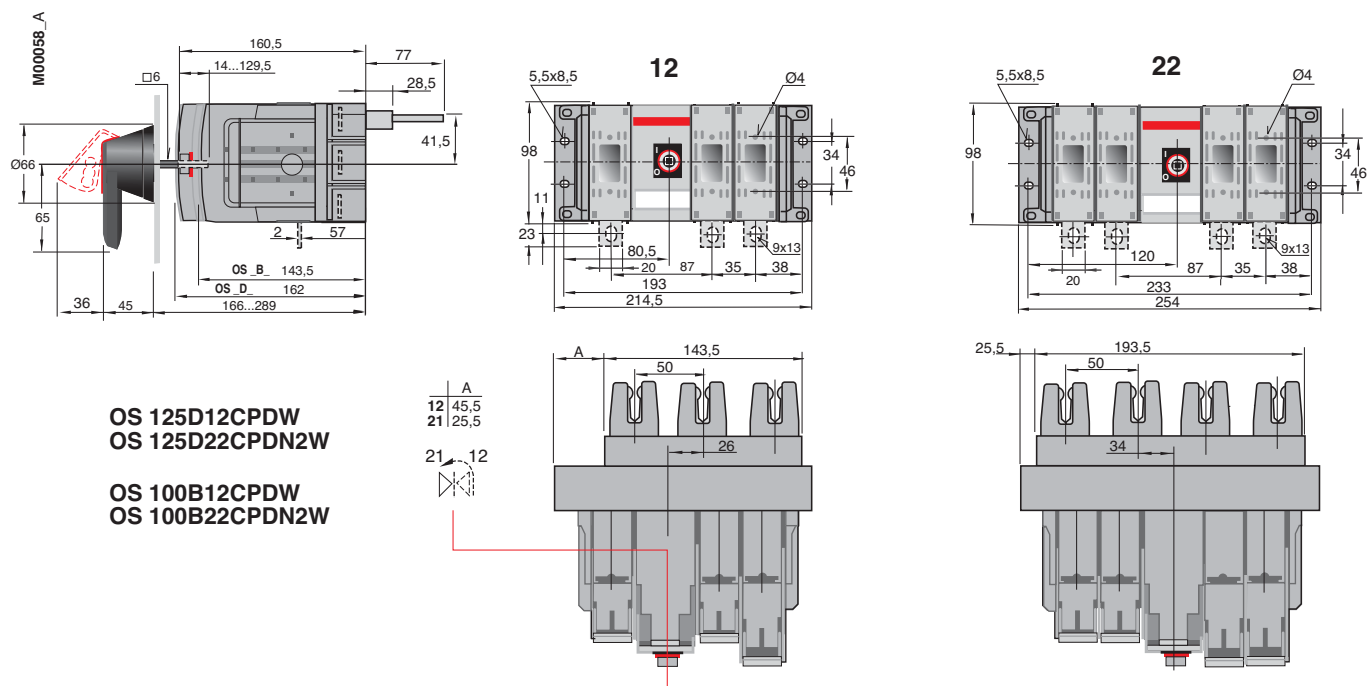
OS32_21/22_ and OS63_21/22_ (PD)



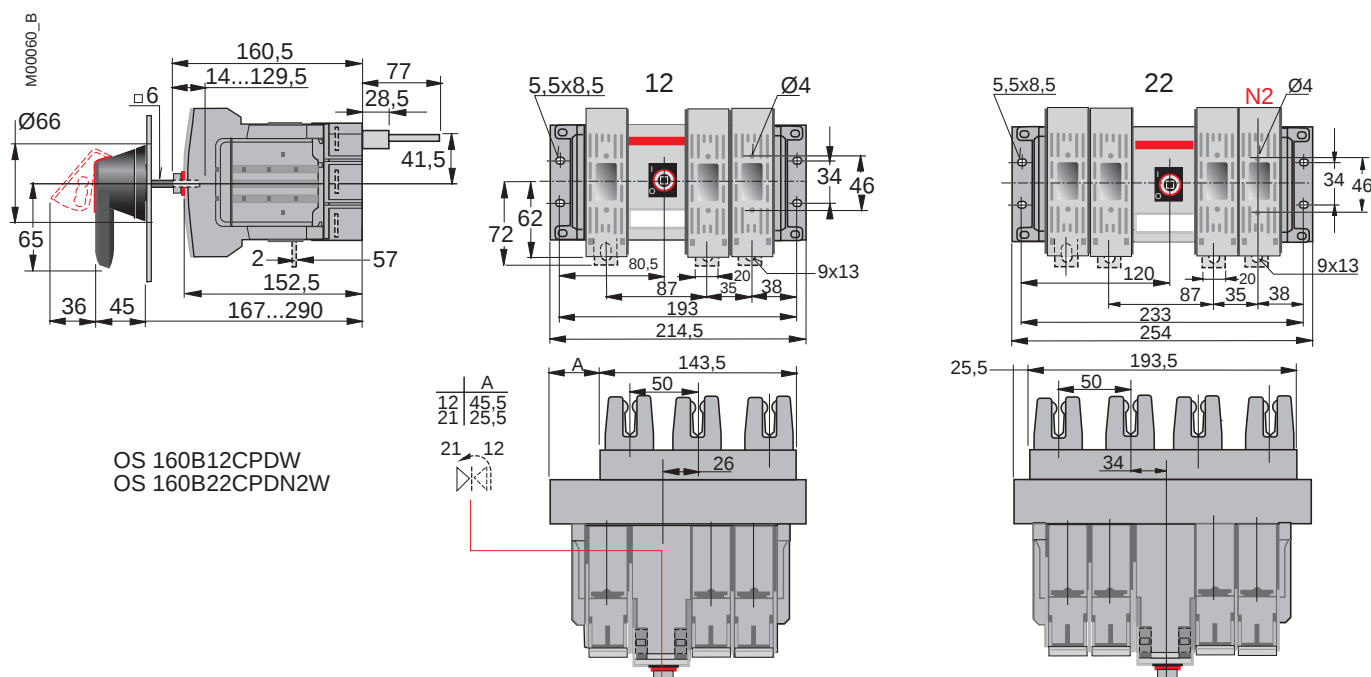


Switch fuses OS, plug in connections Dimension drawings

OS100B12/22_ and OS125D12/22 (PD)



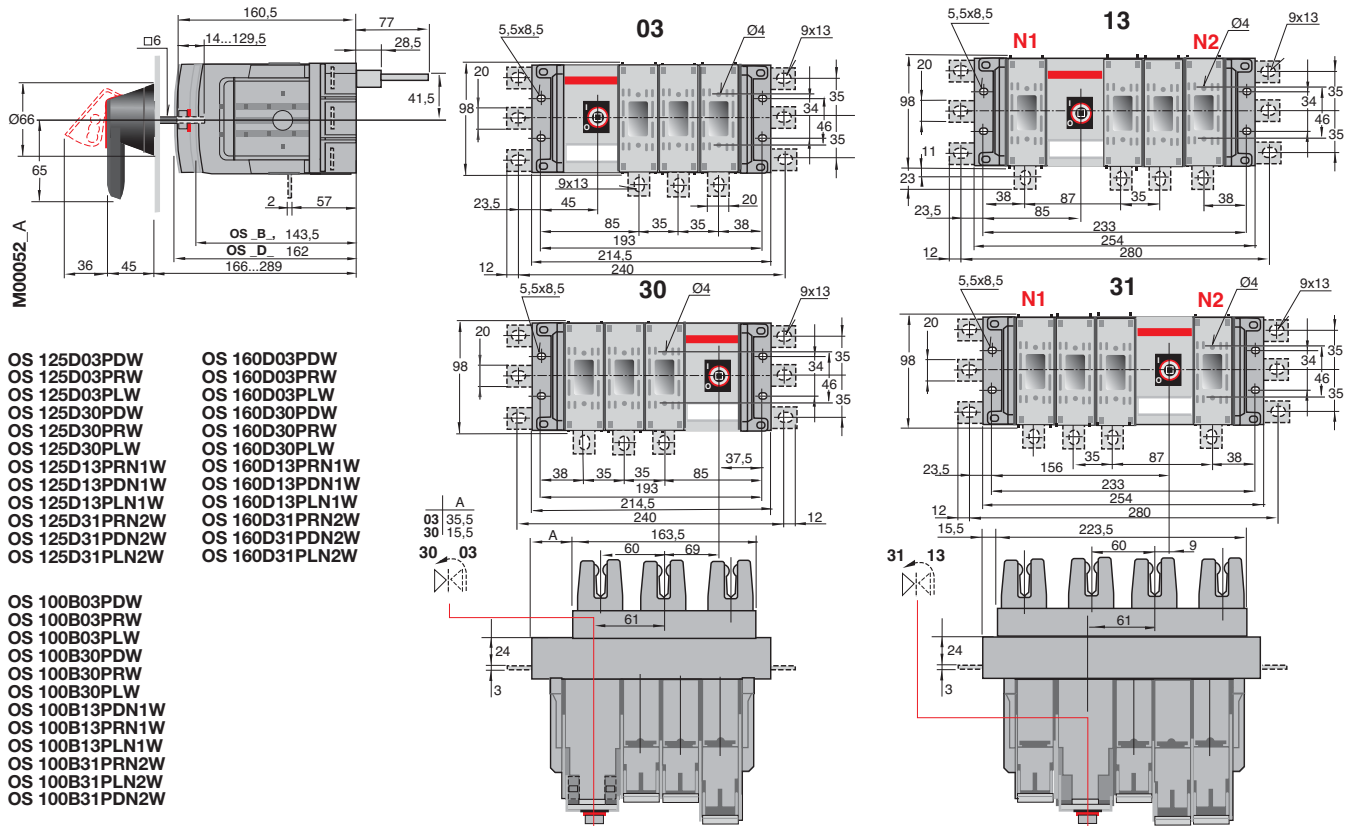
OS160B12/22_ (PD)



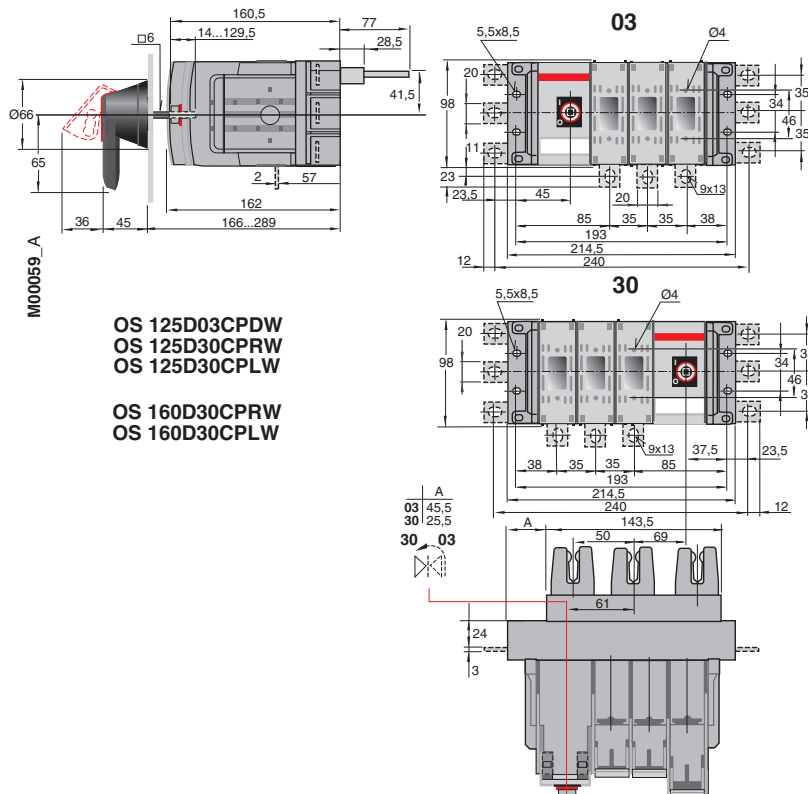


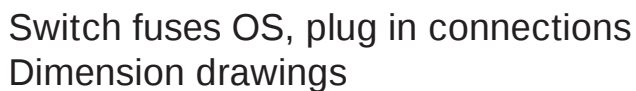
Switch fuses OS, plug in connections Dimension drawings

OS100B03/30/13/31_, OS125D03/30/13/31_ and OS160D03/30/13/31_ (PD, PR, PL)



OS125D03/30_ and OS160D30_ (PD, PR, PL)





M00066 A

OS 100B12PDW	OS 160D12PRW
OS 100B12PRW	OS 160D12PDW
OS 100B12PLW	OS 160D12PLW
OS 100B21PDW	OS 160D21PRW
OS 100B21PRW	OS 160D21PDW
OS 100B21PLW	OS 160D21PLW
OS 100B22PDN1W	OS 160D22PRN1W
OS 100B22PRN1W	OS 160D22PDN1W
OS 100B22PLN1W	OS 160D22PLN1W
OS 125D12PRW	
OS 125D12PDW	
OS 125D12PLW	
OS 125D21PRW	
OS 125D21PDW	
OS 125D21PLW	
OS 125D22PRN1W	
OS 125D22PDN1W	
OS 125D22PLN1W	

12

21

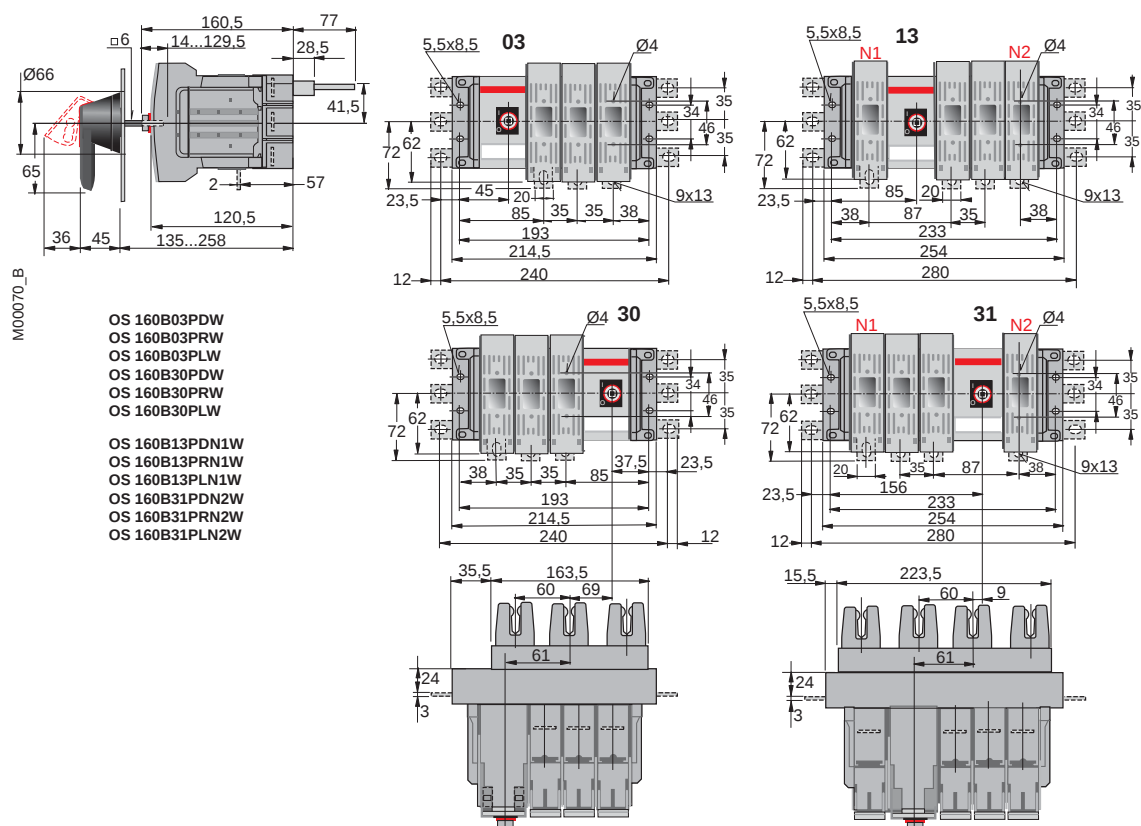
22

OS 160B12PDW
 OS 160B12PRW
 OS 160B12PLW
 OS 160B21PDW
 OS 160B21PRW
 OS 160B21PLW
 OS 160B22PDN1W
 OS 160B22PRN1W
 OS 160B22PLN1W

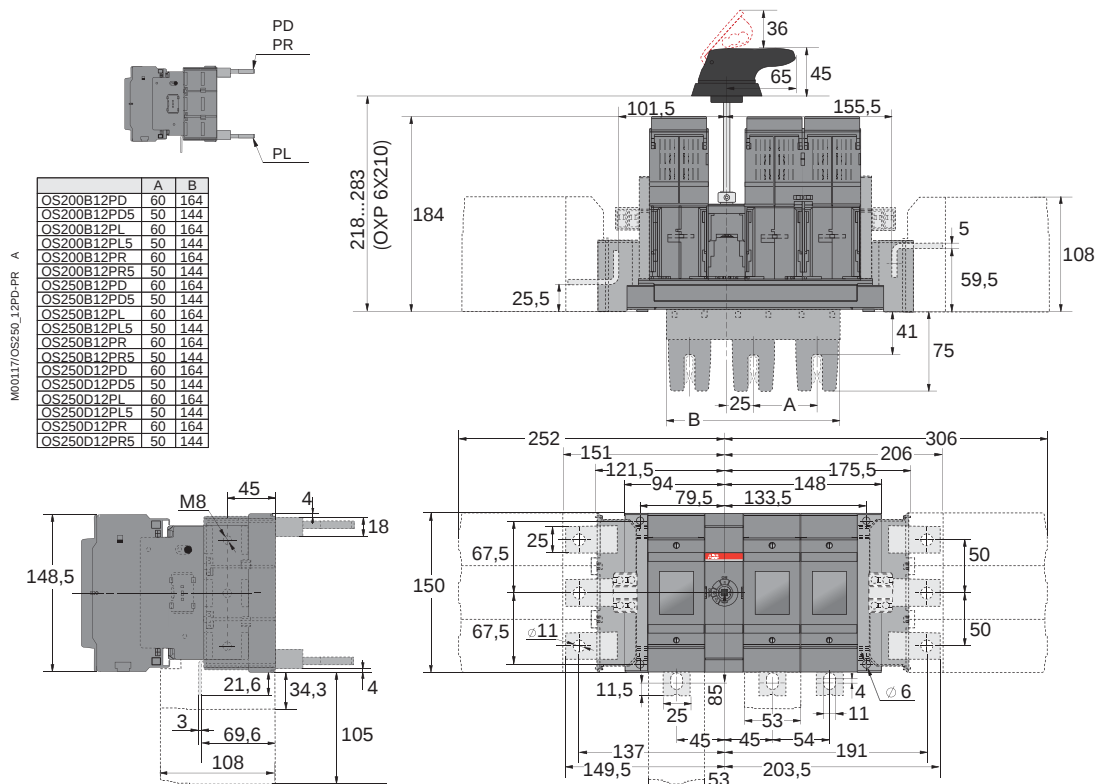


Switch fuses OS, plug in connections Dimension drawings

OS160B03/30/13/31_ (PD, PR, PL)



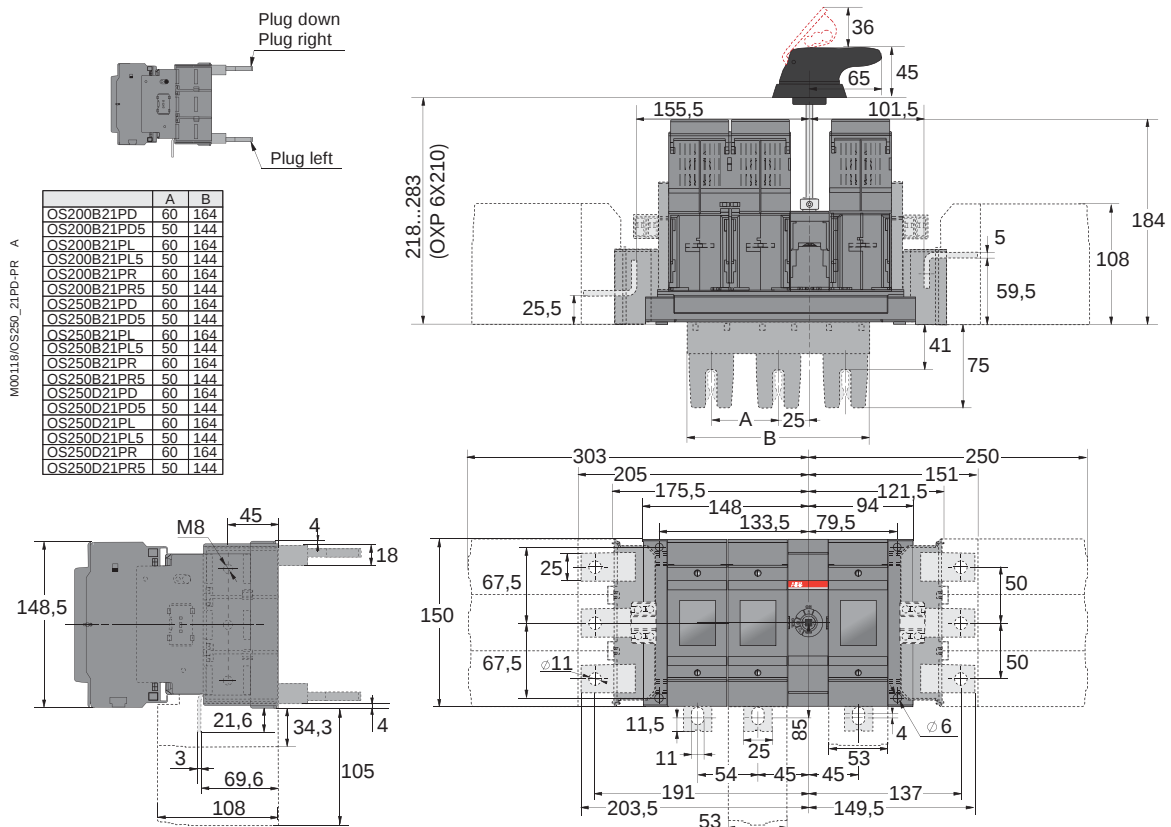
OS200B12_ and OS250_12_ (PD, PL, PR)



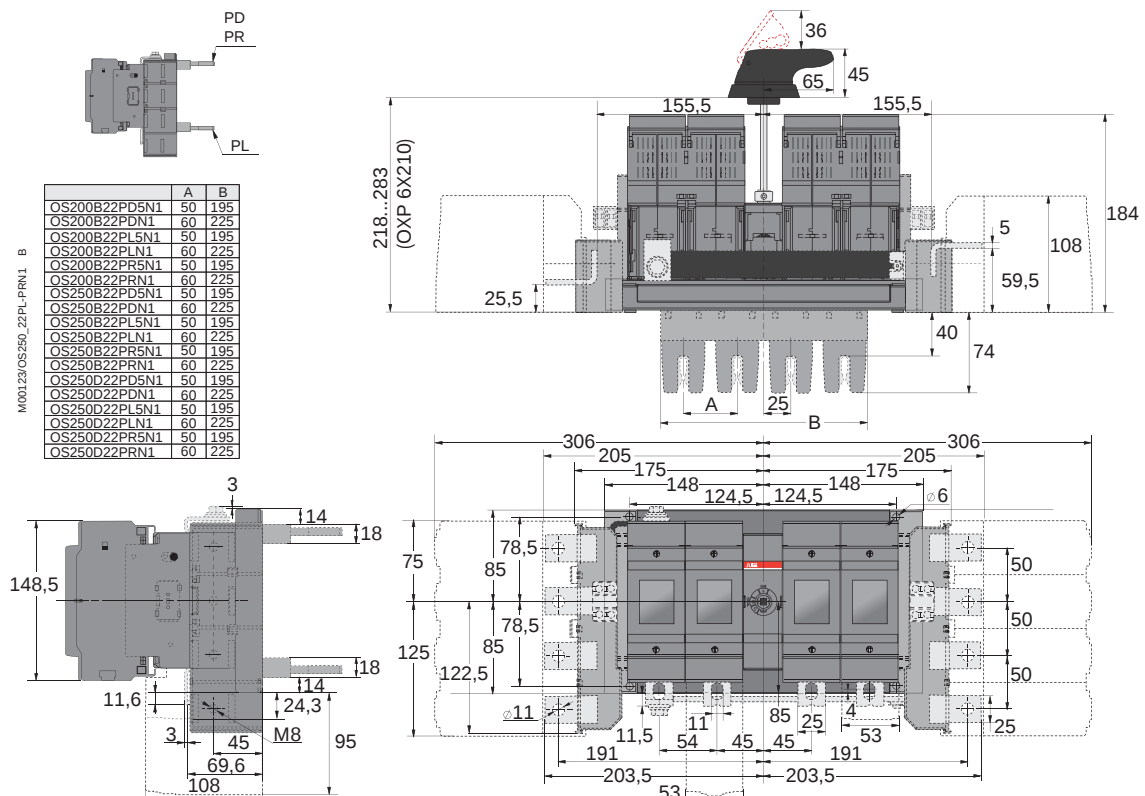


Switch fuses OS, plug in connections Dimension drawings

OS200B21_ and OS250_21_ (PD, PL, PR)



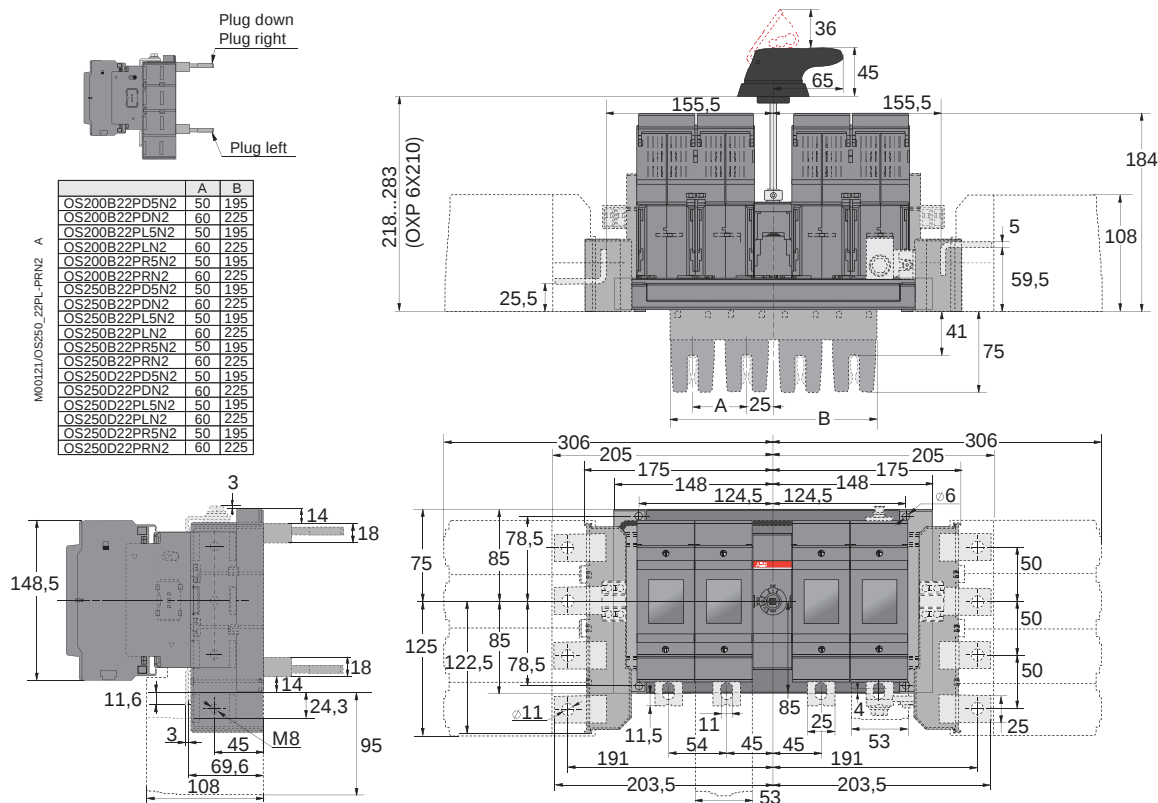
OS200B22_ and OS250_22_ (PD, PL, PR)



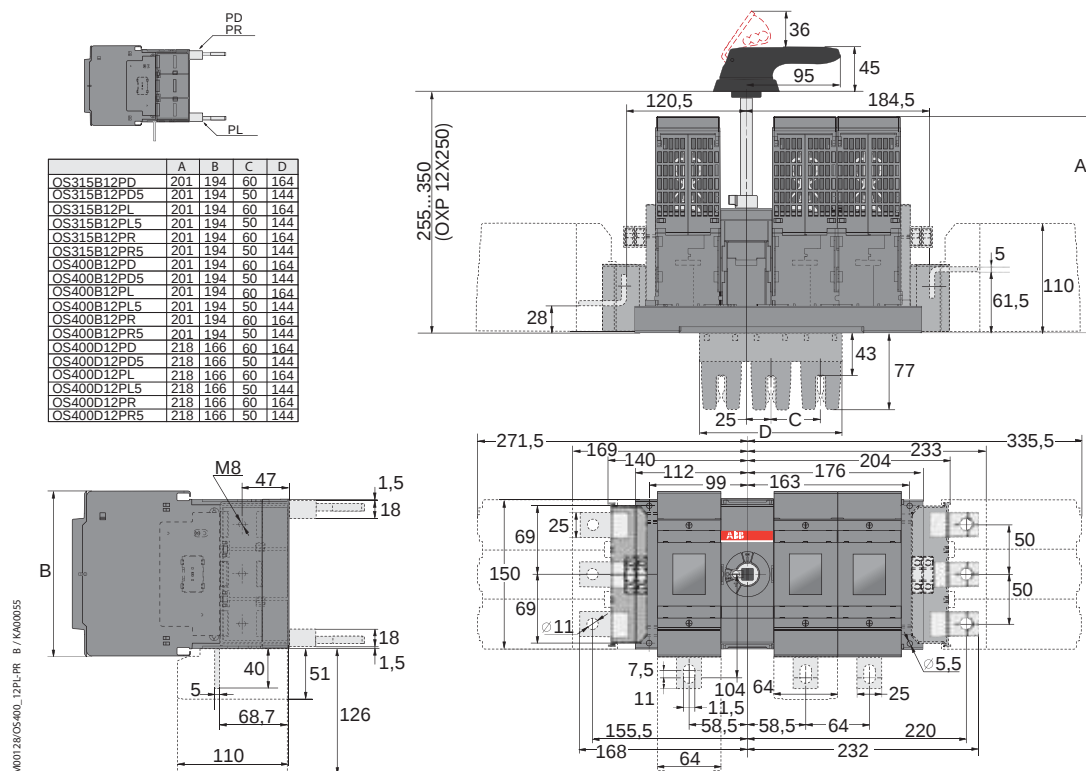


Switch fuses OS, plug in connections Dimension drawings

OS200B22_ and OS250_22_ (PD, PL, PR)



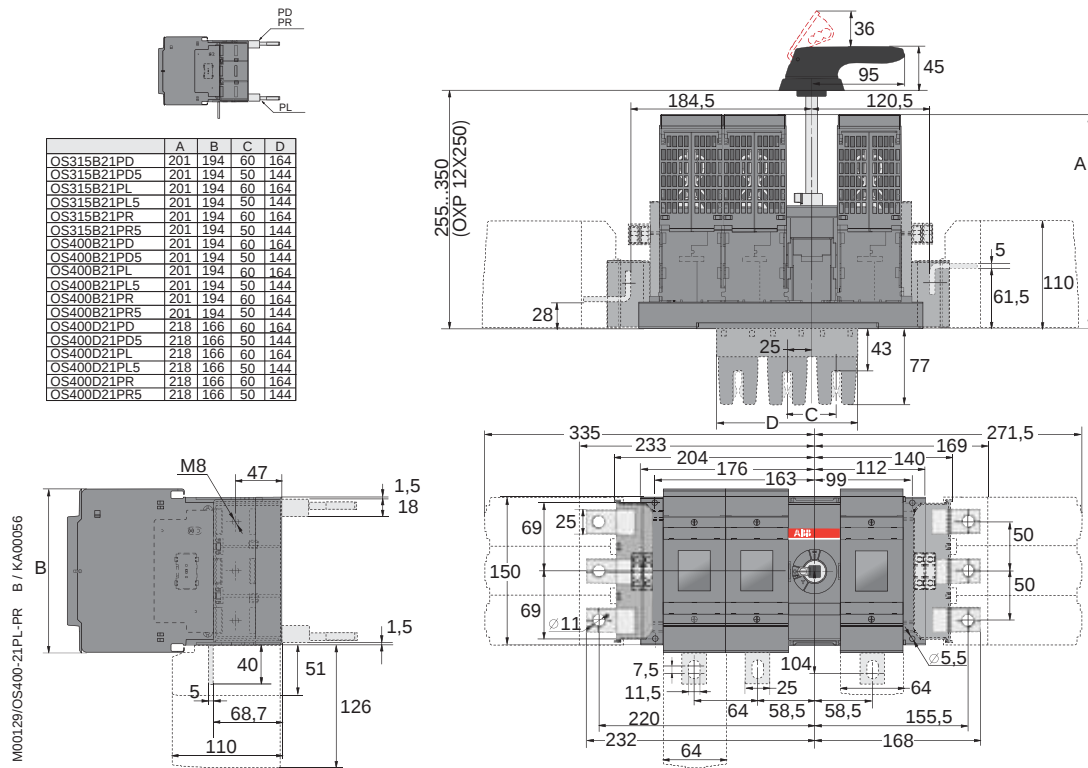
OS315B12_ and OS400_12_ (PD, PL, PR)



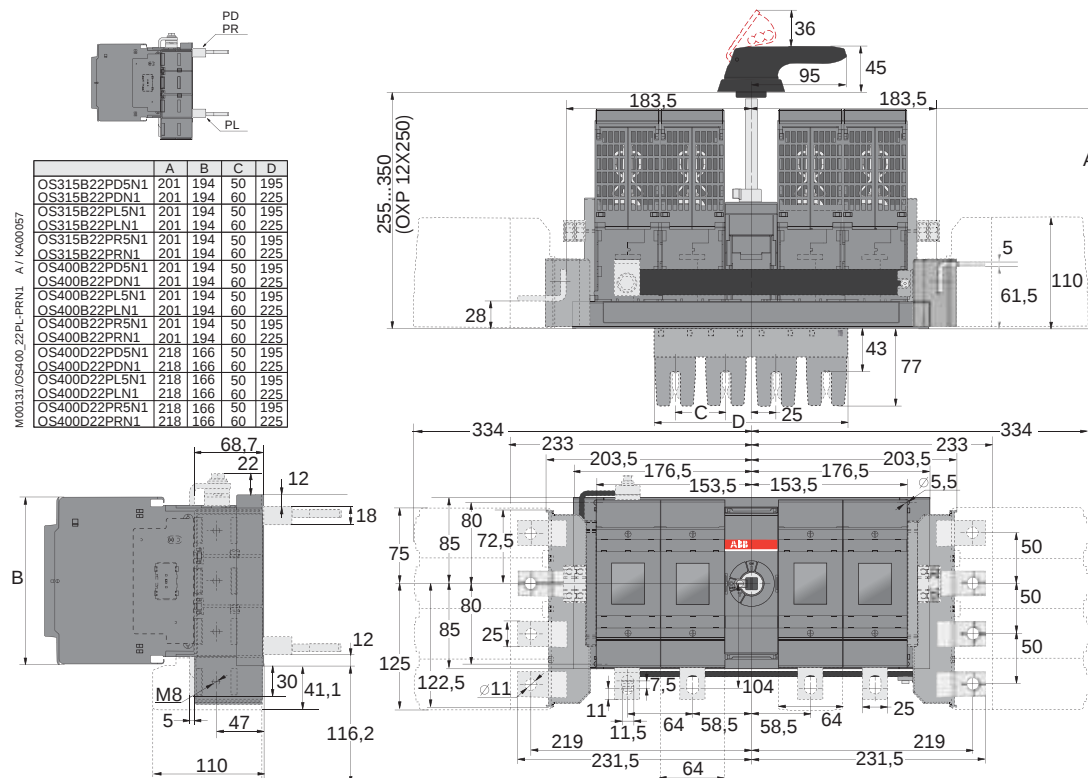


Switch fuses OS, plug in connections Dimension drawings

OS315B21_ and OS400_21_ (PD, PL, PR)



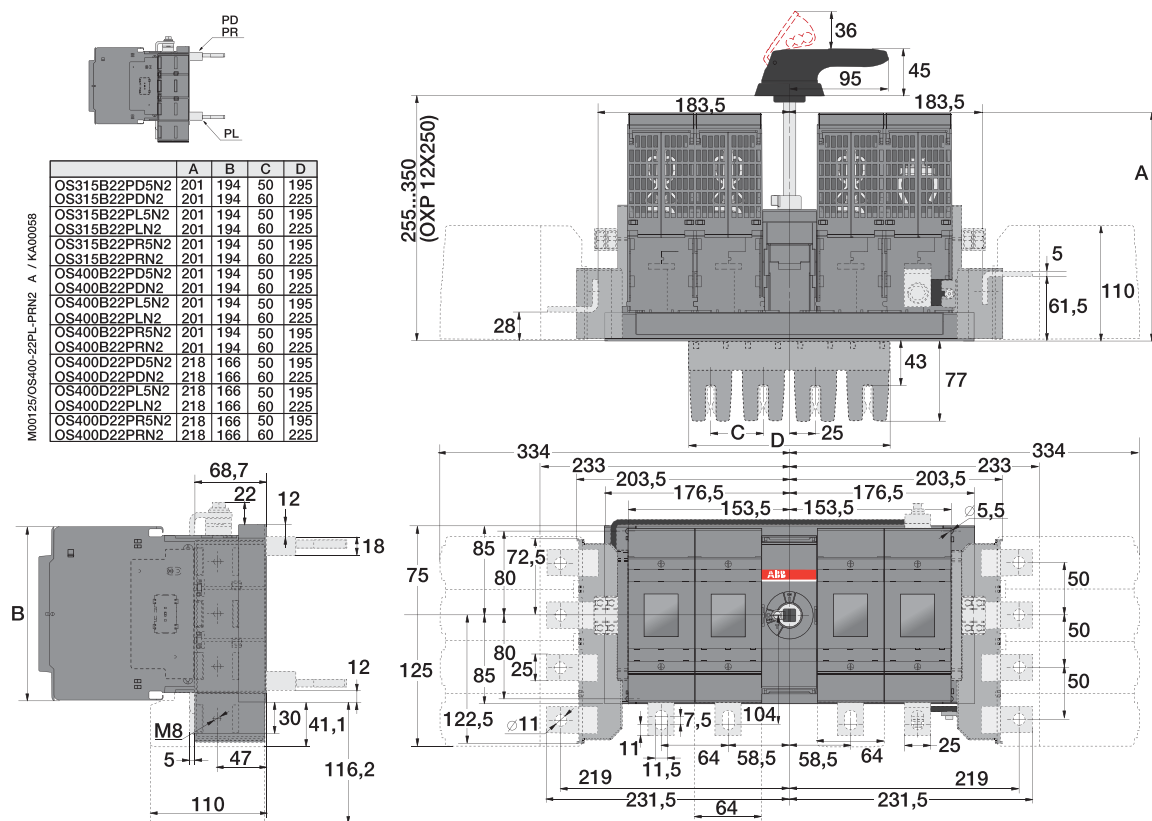
OS315B22_ and OS400_22_ (PD, PL, PR)





Switch fuses OS, plug in connections Dimension drawings

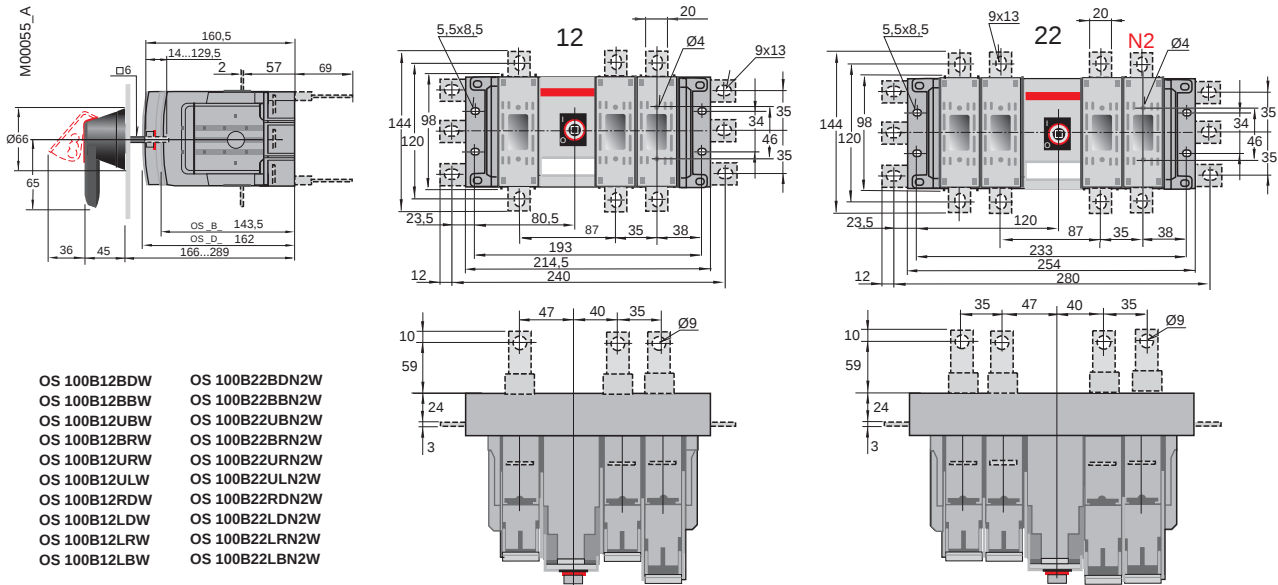
OS315B22_ and OS400_22_ (PD, PL, PR)





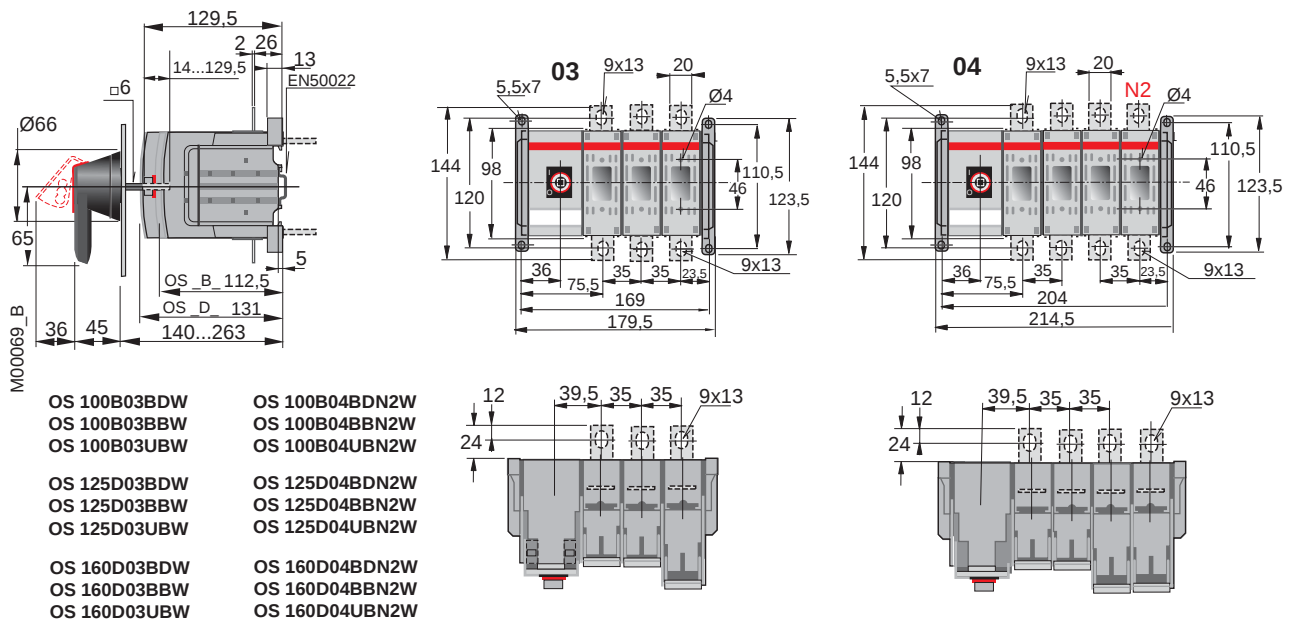
Switch fuses OS, back, top, bottom, right and left connections, Dimension drawings

OS100B12/22_, OS125D12/22_ and OS160D12/22_ (BD, BB, UB, BR, UR, UL, RD, LD, LR, LB)



OS 125D12BDW OS 125D22BDN2W OS 160D12BDW OS 160D22BDN2W
 OS 125D12BRW OS 125D22BRN2W OS 160D12BRW OS 160D22BRN2W
 OS 125D12BBW OS 125D22BBN2W OS 160D12BBW OS 160D22BBN2W
 OS 125D12UBW OS 125D22UBN2W OS 160D12UBW OS 160D22UBN2W
 OS 125D12URW OS 125D22URN2W OS 160D12URW OS 160D22URN2W
 OS 125D12ULW OS 125D22ULN2W OS 160D12ULW OS 160D22ULN2W
 OS 125D12RDW OS 125D22RDN2W OS 160D12RDW OS 160D22RDN2W
 OS 125D12LDW OS 125D22LDN2W OS 160D12LDW OS 160D22LDN2W
 OS 125D12LRW OS 125D22LRN2W OS 160D12LRW OS 160D22LRN2W
 OS 125D12LBW OS 125D22LBN2W OS 160D12LBW OS 160D22LBN2W

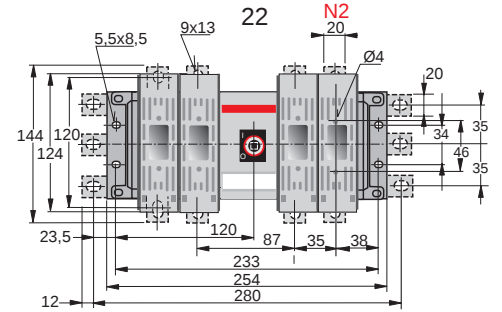
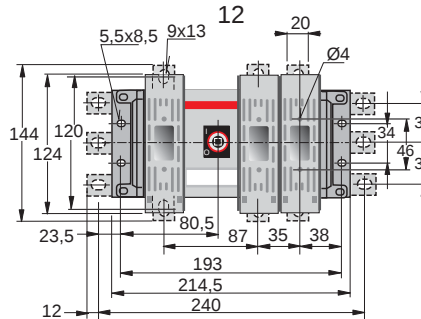
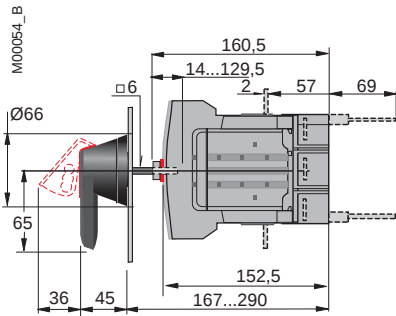
OS100B03/04_, OS125D03/04_ and OS160D03/04_ (BD, BB, UB)



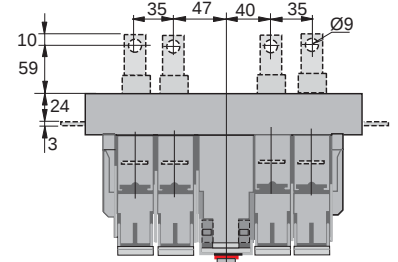
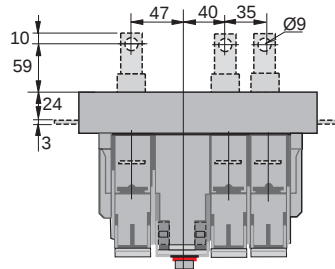


Switch fuses OS, back, top, bottom, right and left connections Dimension drawings

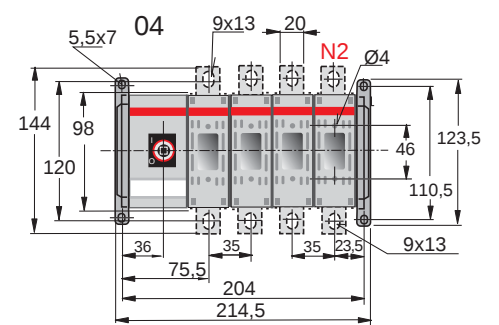
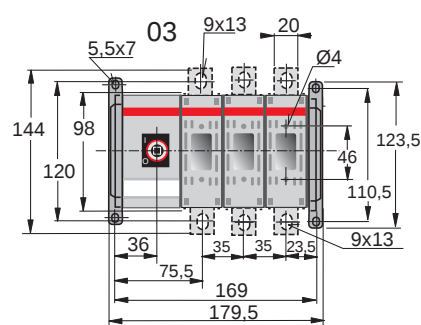
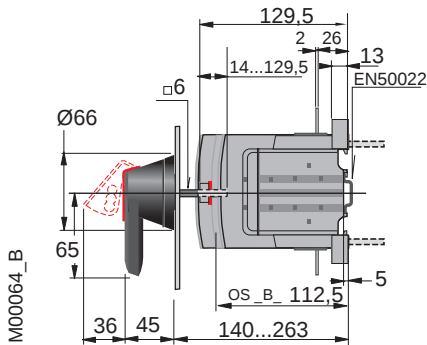
OS160B12/22_ (BD, BB, UB, BR, UR, UL, RD, LD, LR, LB)



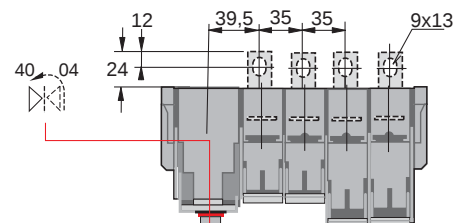
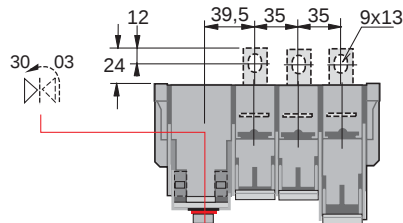
OS 160B12BDW
 OS 160B12BBW
 OS 160B12UBW
 OS 160B12BRW
 OS 160B12URW
 OS 160B12ULW
 OS 160B12RDW
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 OS 160B12LRW
 OS 160B12LBW
 OS 160B22BDN2W
 OS 160B22BBN2W
 OS 160B22UBN2W
 OS 160B22BRN2W
 OS 160B22URN2W
 OS 160B22ULN2W
 OS 160B22RDN2W
 OS 160B22LDN2W
 OS 160B22LRN2W
 OS 160B22LBN2W



OS160B03/04_ (BD, BB, UB)



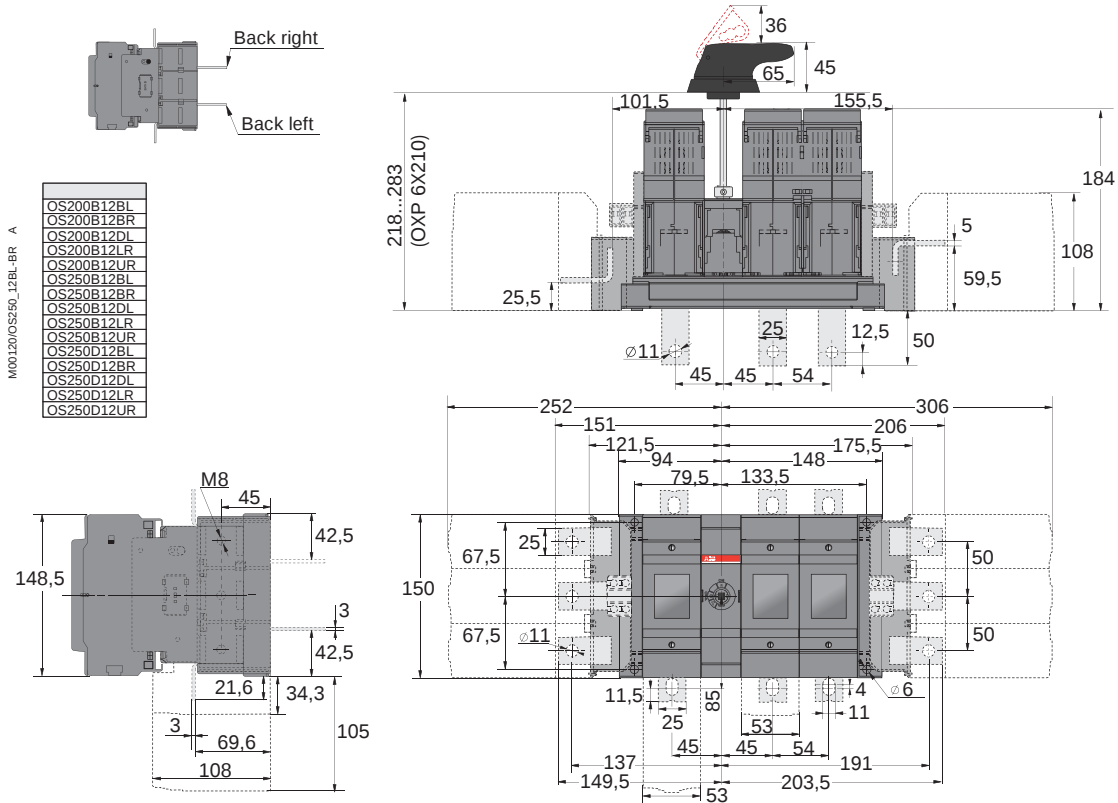
OS 160B03BDW
 OS 160B03BBW
 OS 160B03UBW
 OS 160B04BDN2W
 OS 160B04BBN2W
 OS 160B04UBN2W



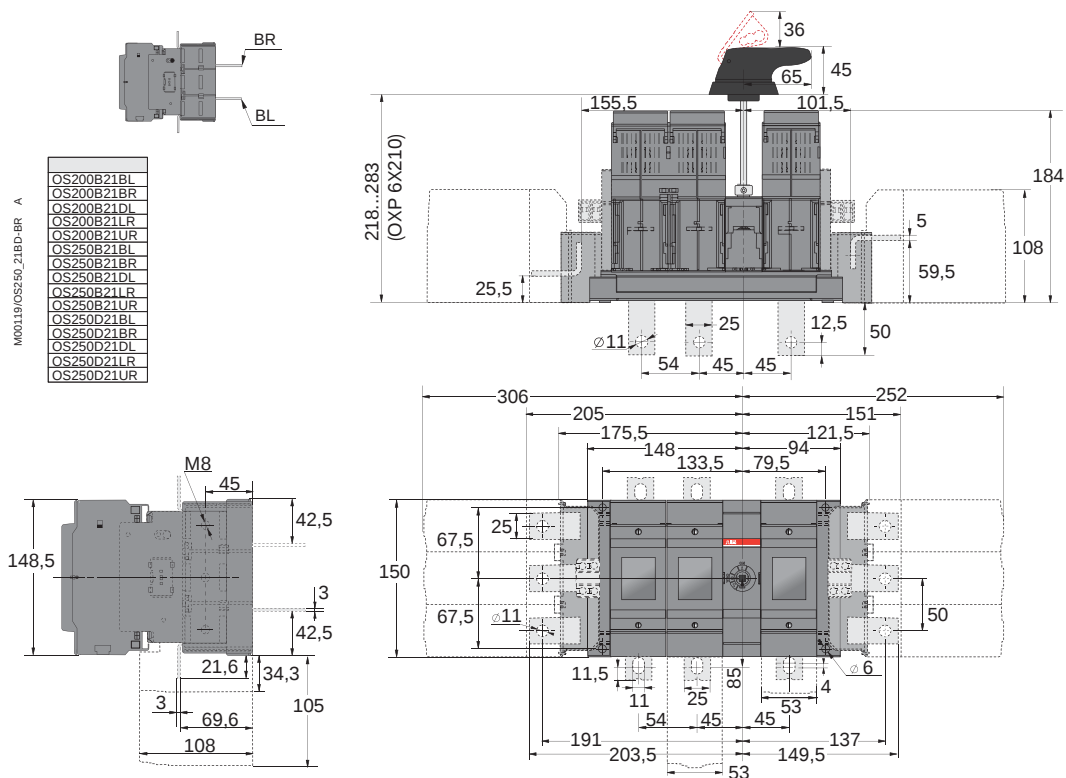


Switch fuses OS, back, top, bottom, right and left connections Dimension drawings

OS200B12_ and OS250_12_ (BL, BR, DL, LR, UR)



OS200B21_ and OS250_21_ (BL, BR, DL, LR, UR)





Technical drawings of the OS200B22 circuit breaker, showing side, front, and top views with dimensions and a part list.

Part List:

M00124/OS250_22BL-BRN1	A
OS200B22BLN1	
OS200B22BRN1	
OS200B22DLN1	
OS200B22URN1	
OS250B22BLN1	
OS250B22BRN1	
OS250B22DLN1	
OS250B22URN1	
OS250D22BLN1	
OS250D22BRN1	
OS250D22DLN1	
OS250D22URN1	

Side View Dimensions:

- Overall width: 148,5
- Top flange thickness: 3
- Top flange height: 52,5
- Bottom flange thickness: 3
- Bottom flange height: 52,5
- Bottom flange width: 11,6
- Bottom flange hole diameter: $\varnothing 24,3$
- Bottom flange hole pitch: 69,6
- Bottom flange hole diameter: M8
- Bottom flange hole offset: 45
- Bottom flange hole diameter: $\varnothing 95$
- Bottom flange hole offset: 108

Front View Dimensions:

- Overall width: 306
- Overall height: 184
- Top flange thickness: 36
- Top flange height: 45
- Top flange width: 65
- Top flange hole diameter: $\varnothing 11$
- Top flange hole pitch: 54
- Top flange hole diameter: 25
- Top flange hole offset: 12,5
- Top flange hole diameter: 50
- Top flange hole offset: 59,5
- Top flange hole diameter: 108
- Top flange hole offset: 25,5
- Top flange hole diameter: 155,5
- Top flange hole offset: 155,5
- Top flange hole diameter: 184
- Top flange hole offset: 218..283 (OXF 6X210)

Top View Dimensions:

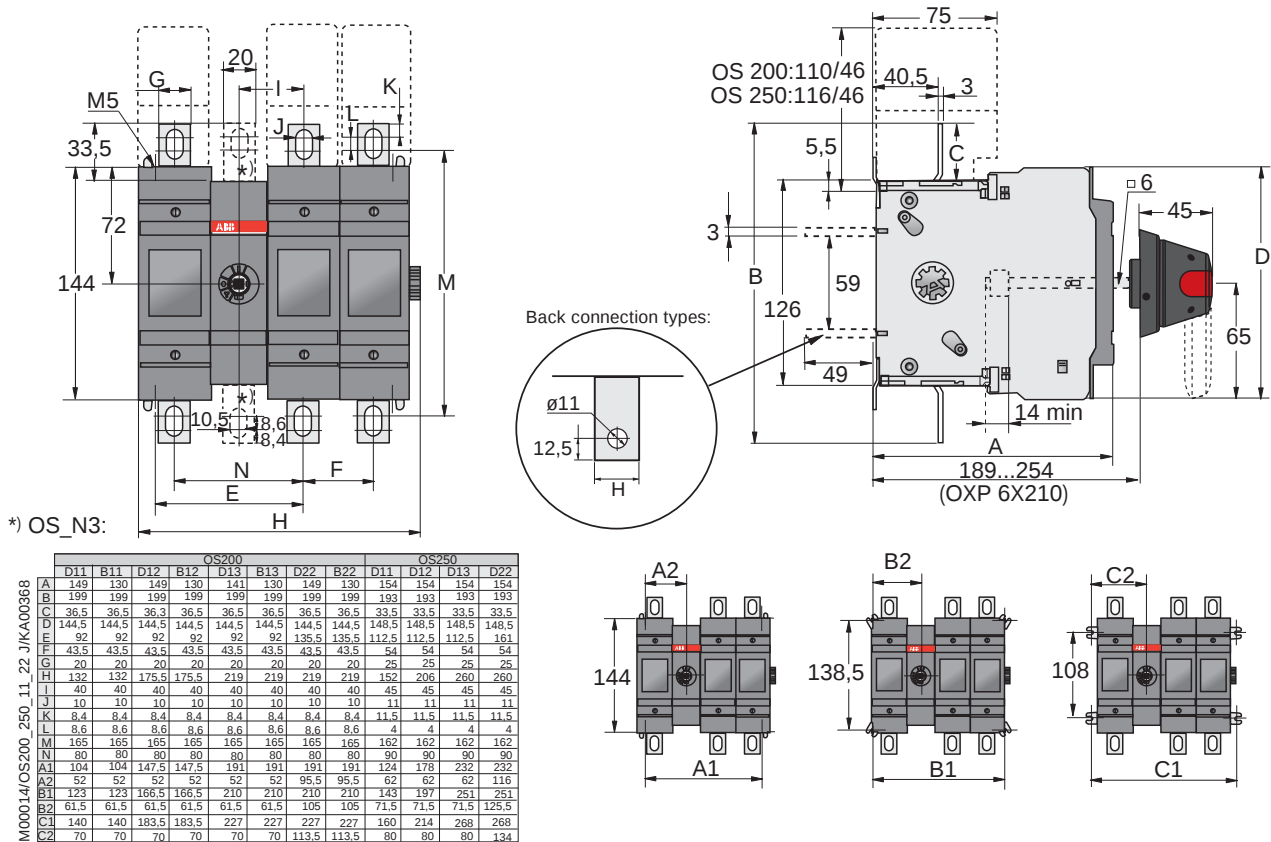
- Overall width: 306
- Overall height: 306
- Top flange thickness: 3
- Top flange height: 52,5
- Top flange width: 11,6
- Top flange hole diameter: $\varnothing 24,3$
- Top flange hole pitch: 69,6
- Top flange hole diameter: M8
- Top flange hole offset: 45
- Top flange hole diameter: $\varnothing 95$
- Top flange hole offset: 108
- Top flange hole diameter: 148,5
- Top flange hole offset: 148,5
- Top flange hole diameter: 184
- Top flange hole offset: 218..283 (OXF 6X210)

[illegible]

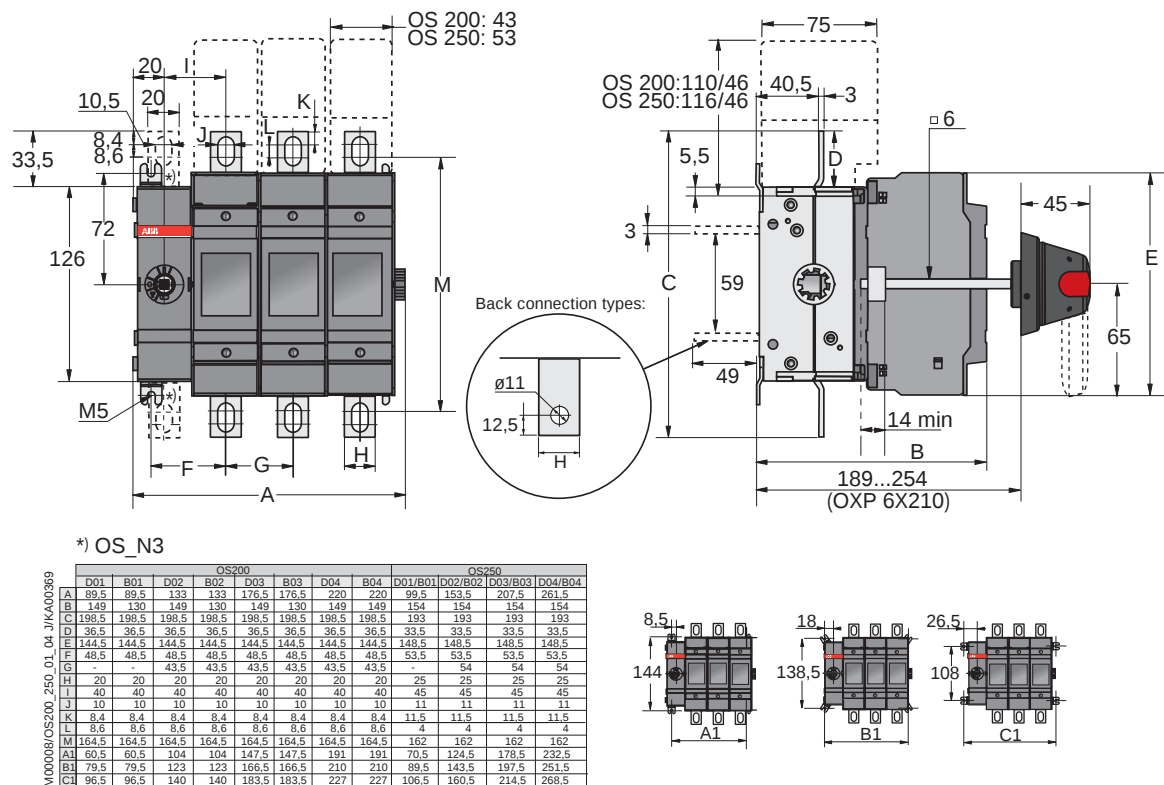


Switch fuses OS, back, top and bottom connections Dimension drawings

OS200_12/22_ and OS250_12/22 (BD, BB, UB)



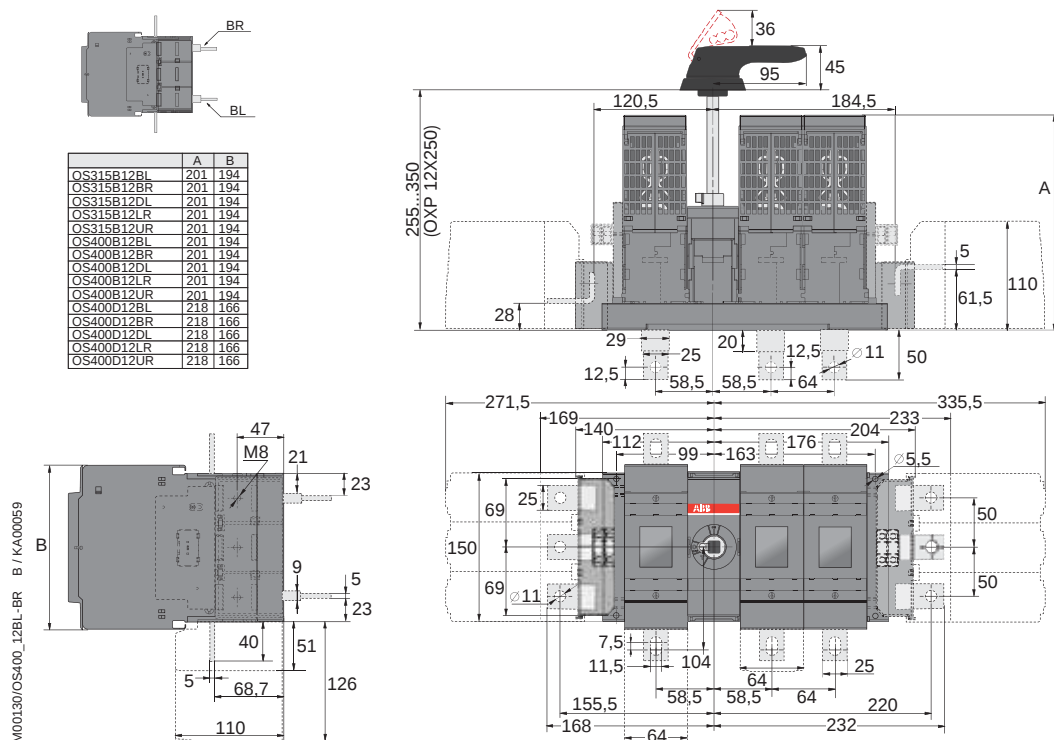
OS200_03/04_ and OS250_03/04 (BD, BB, UB)



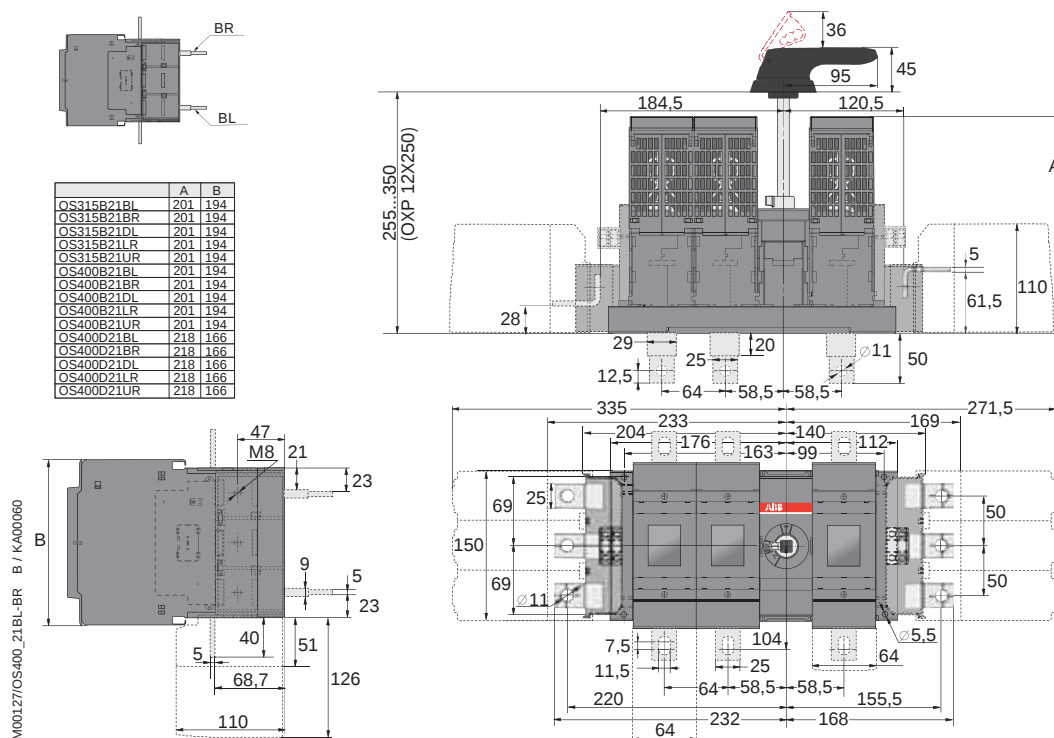


Switch fuses OS, back, top, bottom, right and left connections, Dimension drawings

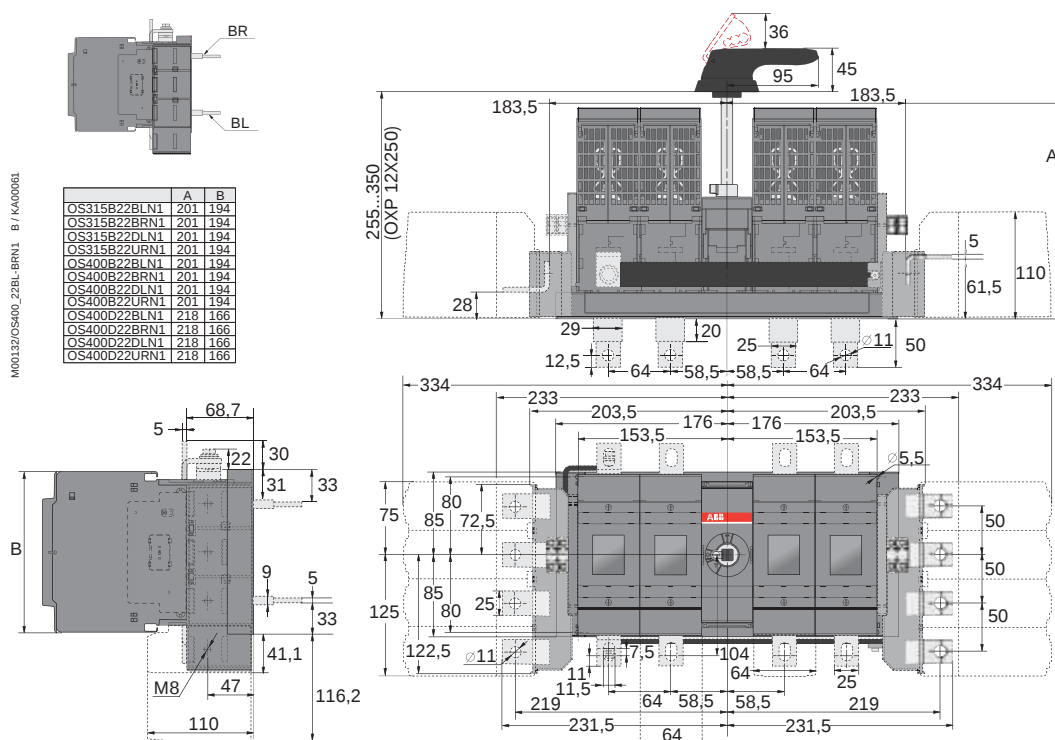
OS315B12_ and OS400_12_ (BL, BR, DL, LR, UR)



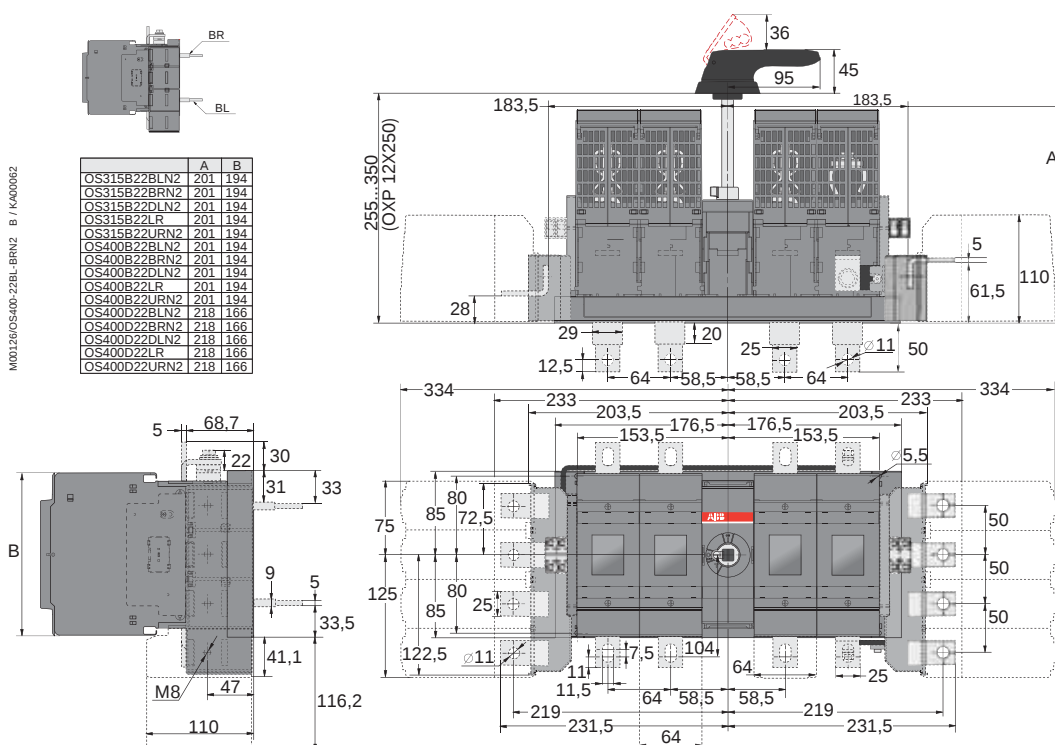
OS315B21_ and OS400_21_ (BL, BR, DL, LR, UR)



OS315B22_N1 and OS400_22_N1 (BL, BR, DL, UR)



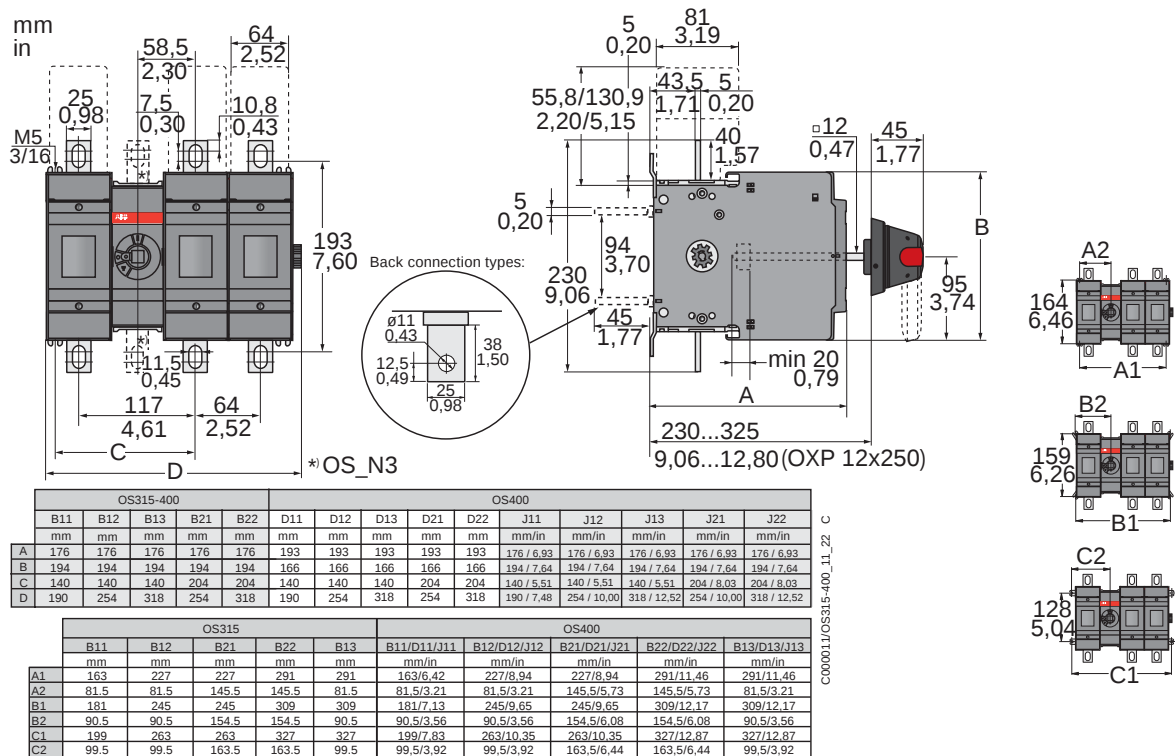
OS315B22_N2 and OS400_22_N2 (BL, BR, DL, LR, UR)



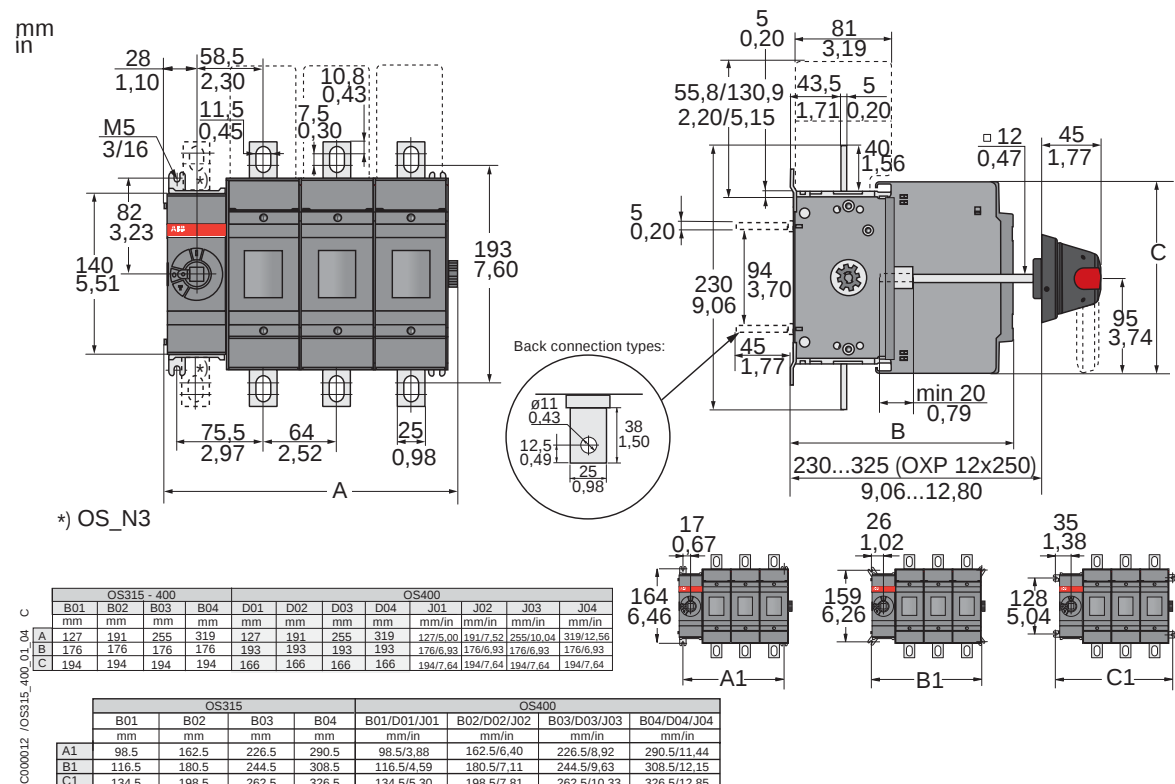


Switch fuses OS, back, top and bottom connections Dimension drawings

OS315_12/22_ and OS400_12/22 (BD, BB, UB)



OS315_03/04_ and OS400_03/04 (BD, BB, UB)

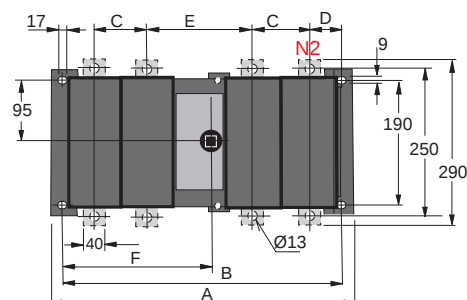
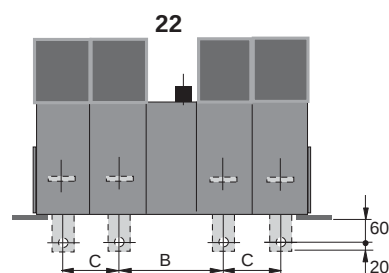
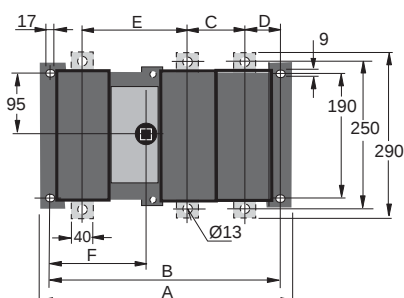
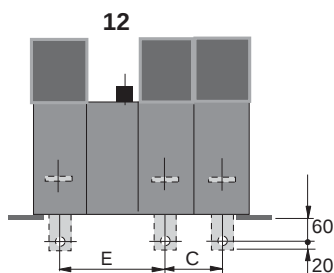
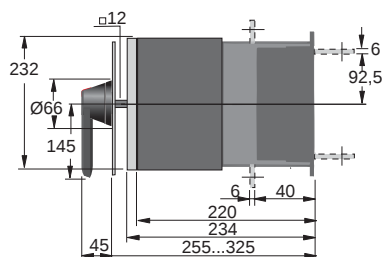


OESA630D12/22_ and OESA800D12/22_ (BD, UB, BB)

OESA 630D12BD
OESA 630D12UB
OESA 6300D12BB
OESA 630D22BDN2
OESA 630D22UBN2
OESA 630D22BBN2

OESA 800D12BD
OESA 800D12UB
OESA 800D12BB
OESA 800D22BDN2
OESA 800D22UBN2
OESA 800D22BBN2

	A	B	C	D	E	F
OESA 630_12_	378	353	80	59	155	131
OESA 630_22_	458	433	80	59	155	121
OESA 800_12_	408	383	90	64	165	141
OESA 800_22_	498	473	90	64	165	231



OESA630_03/04_ and OESA800_03/04_ (BD, UB, BB)

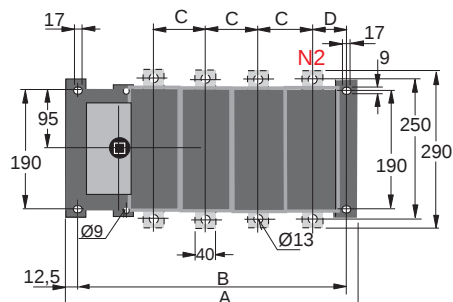
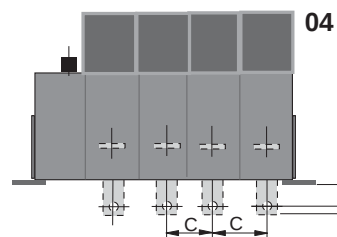
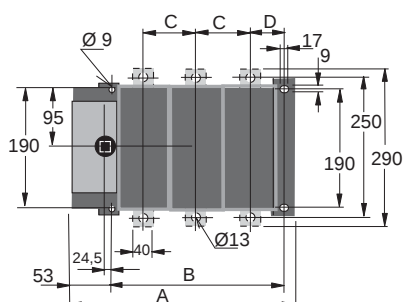
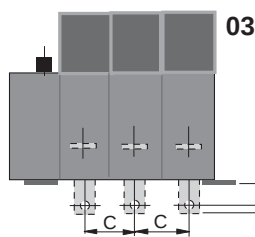
OESA 630D03BD
OESA 630D03BB
OESA 630D03UB
OESA 630B03BD
OESA 630B03BB
OESA 630B03UB

OESA 630D04BDN2
OESA 630D04BBN2
OESA 630D04UBN2
OESA 630B04BDN2
OESA 630B04BBN2
OESA 630B04UBN2

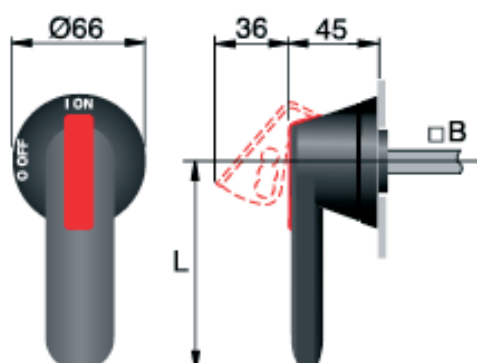
OESA 800D03BD
OESA 800D03BB
OESA 800D03UB
OESA 800B03BD
OESA 800B03BB
OESA 800B03UB

OESA 800D04BDN2
OESA 800D04BBN2
OESA 800D04UBN2
OESA 800B04BDN2
OESA 800B04BBN2
OESA 800B04UBN2

		A	B	C	D
M00067_B	OESA 630_03_	343	278	80	59
	OESA 630_04_	423	358	80	59
	OESA 800_03_	373	308	90	64
	OESA 800_04_	463	398	90	64

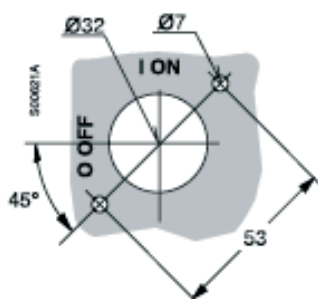


Plastic handles

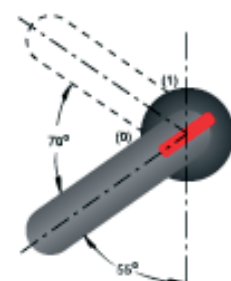
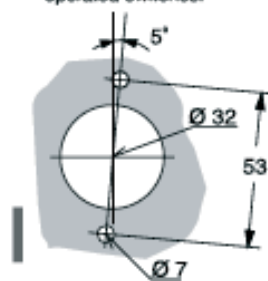


Type	L handle length	B shaft diameter
OH_45J5	45	5
OH_65J5	65	5
OH_45J6	45	6
OH_65J6	65	6
OH_80J6	80	6
OH_125J12	125	12
OH_145J12	145	12
OH_175J12	175	12
OH_275J12	275	12

Door drilling for OH_ handles:



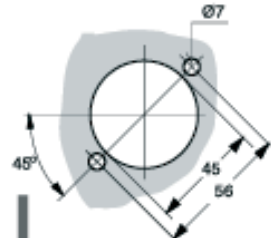
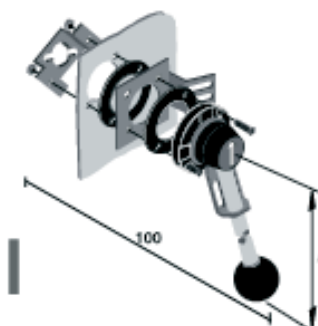
Door drilling for plastic handles OH_...ECO2S in side operated switches:



Metallic handles

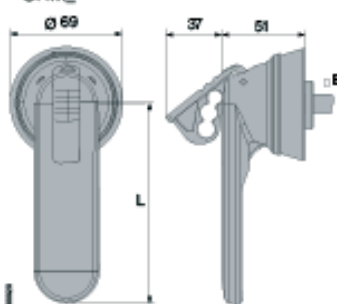
YASDA 7, 8 (A=220)

Door drilling for YASDA:



Stainless steel handles

OHM_

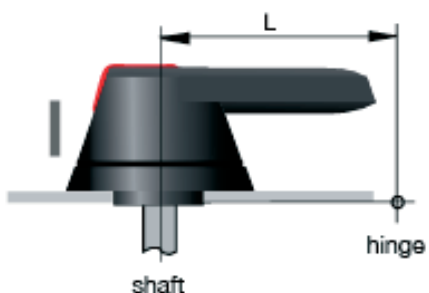


Handle type	OHM2SL	OHM5SL	OHM6SL
L	45	65	65
Ø	5	5	6
Handle type	OHM2SL12	OHM5SL12	OHM6SL12
L	125	175	275
Ø	12	12	12

Door drilling for OHM_



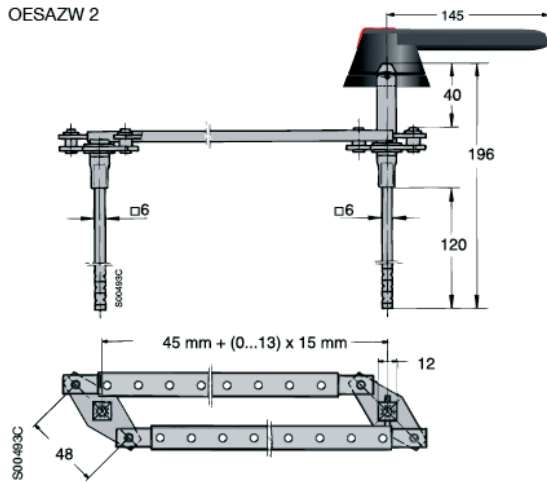
Minimum distance L between the hinge and the rotating shaft



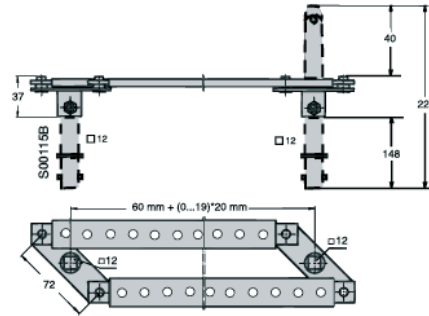
Sizes [A]	L [mm]	Suitable handles
32...63	60	OH_45J_, OH_65J_
32...160	80	OH_80J_
400	150	OH_125J12, OH_145J12
400...800	175	OH_175J12
400...800	275	OH_275J12
400...800	220	YASDA 7, 8

6 and 8-pole switch fuses

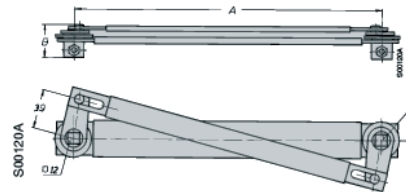
OESAZW 2



OETLZW 9



Mechanical interlock

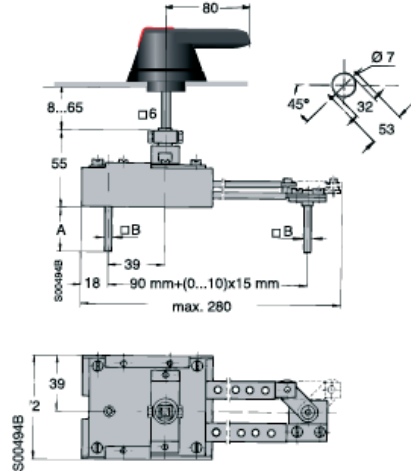


OETLZW 3, 14, 15

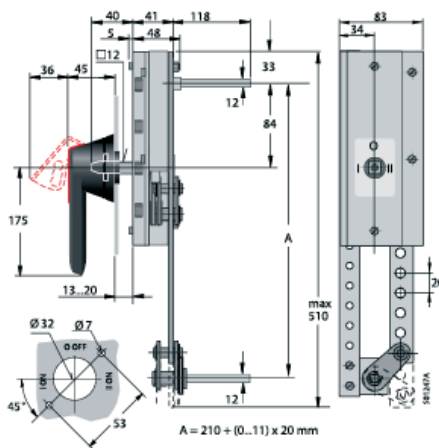
OETLZW 3: A= 300, B= 31
OETLZW 14: A= 250, B= 31
OETLZW 15: A0=500, B= 36

Change-over and by-pass switch fuses

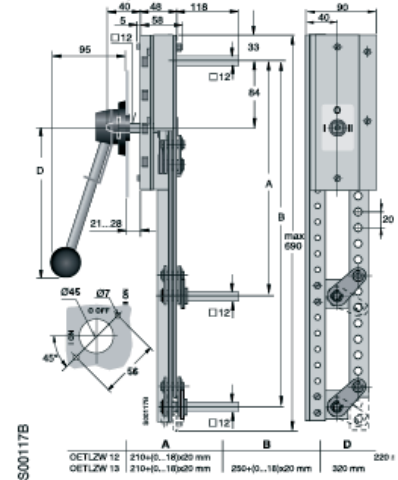
OESAZW 1



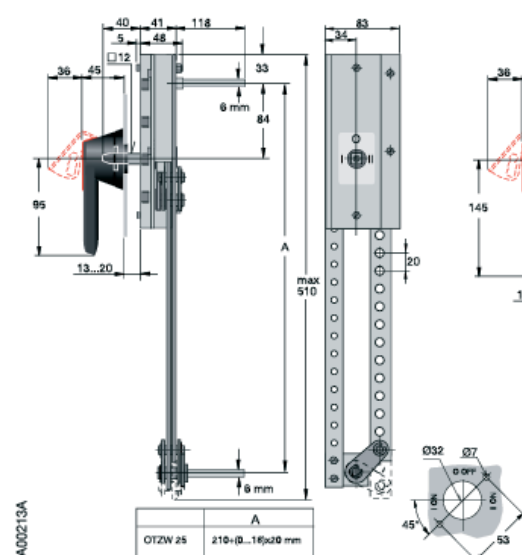
OETLZW11



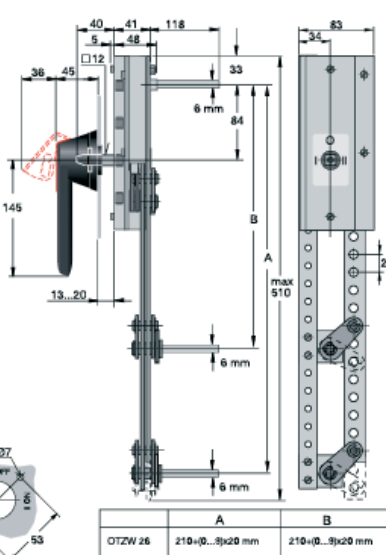
OETLZW12, 13



OTZW 25

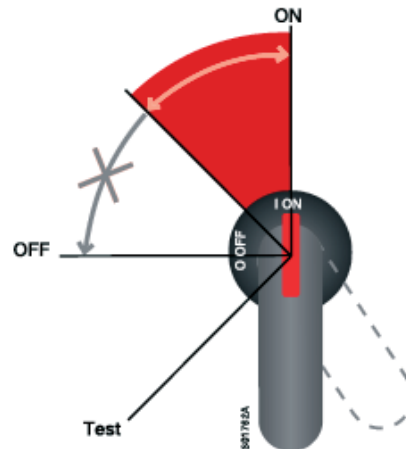


OTZW 26



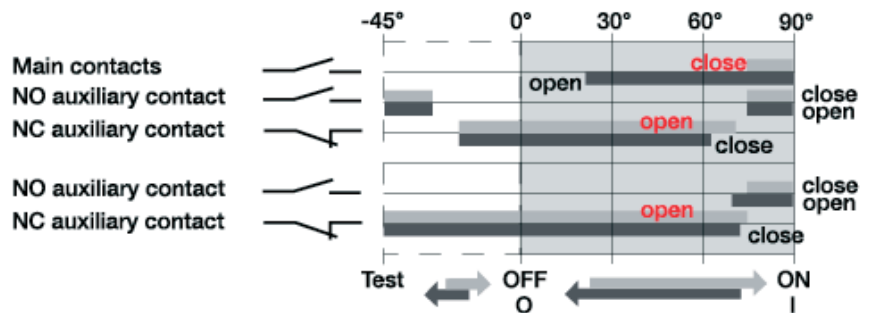
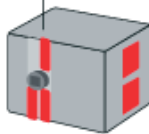
Handle indications and functions

- 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.

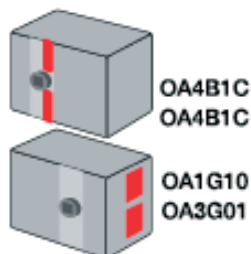




Switch fuses Contact functions

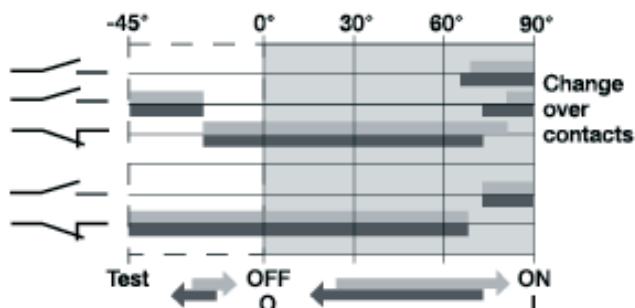
ON and OFF-functions of main and auxiliary contacts

OS mini

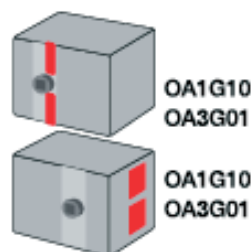


Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact

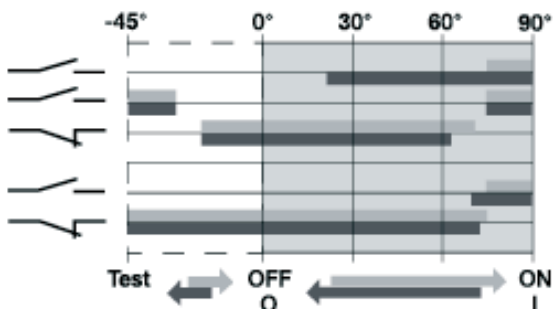


OS 30-63

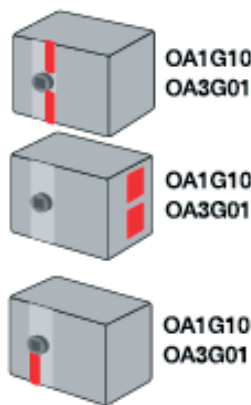


Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact



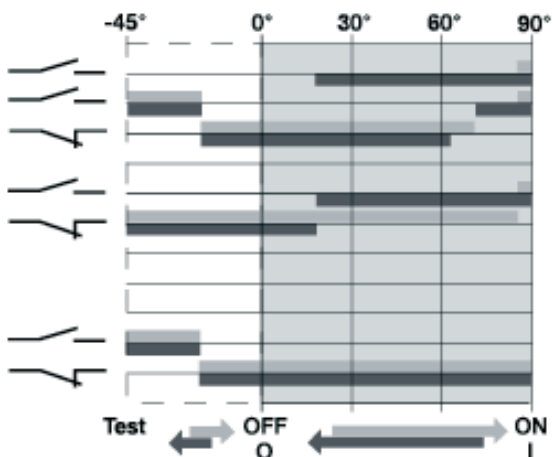
OS 100-200



Main contacts
NO auxiliary contact
NC auxiliary contact

NO auxiliary contact
NC auxiliary contact

Test ind NO
Test ind NC

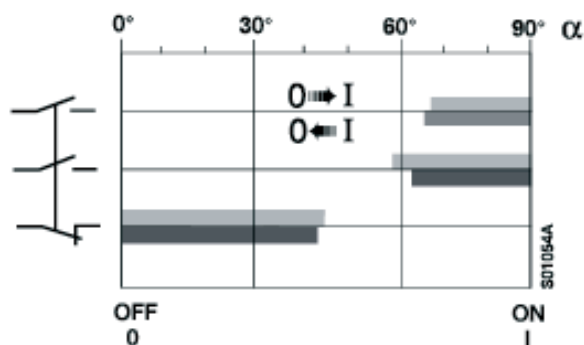


OS Mini

MCB-10
+ OESA ZX 169 1 NO

MCB-01
+ OESA ZX 169 1 NC

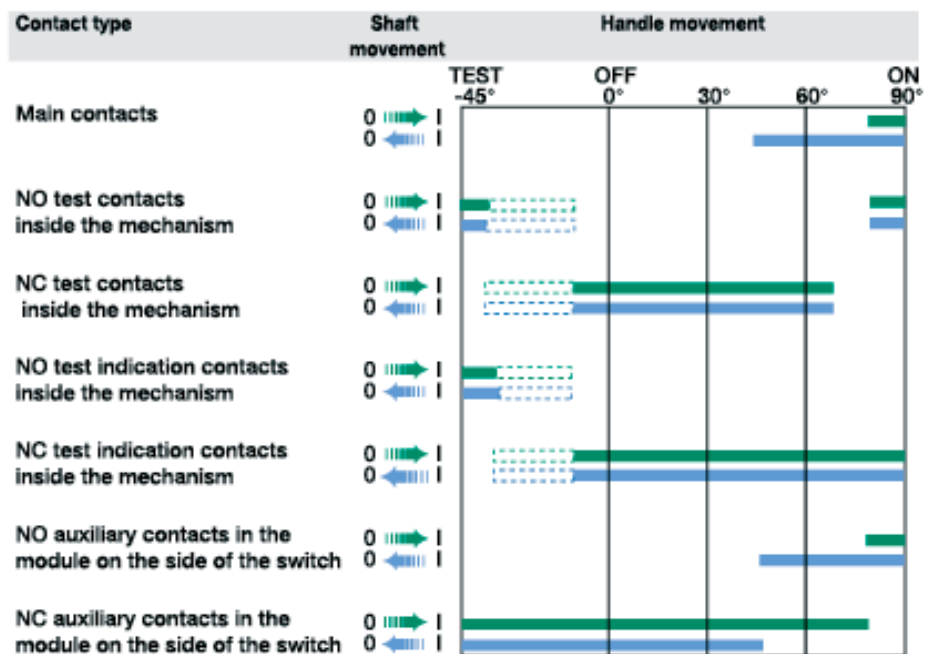
Main contacts
NO auxiliary contact
NC auxiliary contact





Switch fuses Contact functions

ON and OFF-functions of main and auxiliary contacts
OS200...400





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Type	Order number	Page	Description
MCB-01	1SCA022150R5370	35	Auxiliary contact
MCB-10	1SCA022150R5110	35	Auxiliary contact
OA1G10	1SCA022353R4970	36	Auxiliary contact
OA1G10	1SCA022353R4970	35	Auxiliary contact
OA3G01	1SCA022456R7410	36	Auxiliary contact
OA3G01	1SCA022456R7410	35	Auxiliary contacts
OA4B01	1SCA022276R9210	35	Auxiliary contact
OA4B10	1SCA022276R9050	35	Auxiliary contact
OA4B1C	1SCA022193R0150	35	Auxiliary contacts
OA5G10	1SCA022660R2760	35	Auxiliary contact
OA6G01	1SCA022670R4500	35	Auxiliary contact
OEA28	1SCA022714R8810	36	Module for auxiliary contacts
OESA630B03BB	1SCA022301R0710	25	Switch fuse, back in, back out connection (BB)
OESA630B03BD	1SCA022291R3600	24	Switch fuse, back in, bottom out connection (BD)
OESA630B03UB	1SCA022291R3860	26	Switch fuse, top in, back out connection (UB)
OESA630B04BBN2	1SCA022301R1360	25	Switch fuse, back in, back out connection (BB)
OESA630B04BDN2	1SCA022301R1100	24	Switch fuse, back in, bottom out connection (BD)
OESA630B04UBN2	1SCA022301R1520	26	Switch fuse, top in, back out connection (UB)
OESA630D03BB	1SCA022271R9110	15	Switch fuse, back in, back out connection (BB)
OESA630D03BD	1SCA022271R8900	13	Switch fuse, back in, bottom out connection (BD)
OESA630D03UB	1SCA022271R9380	17	Switch fuse, top in, back out connection (UB)
OESA630D04BBN2	1SCA022271R9710	15	Switch fuse, back in, back out connection (BB)
OESA630D04BDN2	1SCA022271R9540	13	Switch fuse, back in, bottom out connection (BD)
OESA630D04UBN2	1SCA022271R9970	17	Switch fuse, top in, back out connection (UB)
OESA630D12BB	1SCA022272R0980	15	Switch fuse, back in, back out connection (BB)
OESA630D12BD	1SCA022272R0710	13	Switch fuse, back in, bottom out connection (BD)
OESA630D12UB	1SCA022272R1100	17	Switch fuse, top in, back out connection (UB)
OESA630D22BBN2	1SCA022272R1520	15	Switch fuse, back in, back out connection (BB)
OESA630D22BDN2	1SCA022272R1360	13	Switch fuse, back in, bottom out connection (BD)
OESA630D22UBN2	1SCA022272R1790	17	Switch fuse, top in, back out connection (UB)
OESA800B03BB	1SCA022291R4080	25	Switch fuse, back in, back out connection (BB)
OESA800B03BD	1SCA022301R4460	24	Switch fuse, back in, bottom out connection (BD)
OESA800B03UB	1SCA022301R4620	26	Switch fuse, top in, back out connection (UB)
OESA800B04BBN2	1SCA022301R5270	25	Switch fuse, back in, back out connection (BB)
OESA800B04BDN2	1SCA022301R5010	24	Switch fuse, back in, bottom out connection (BD)
OESA800B04UBN2	1SCA022301R5430	26	Switch fuse, top in, back out connection (UB)
OESA800D03BB	1SCA022272R3310	15	Switch fuse, back in, back out connection (BB)
OESA800D03BD	1SCA022272R3140	13	Switch fuse, back in, bottom out connection (BD)
OESA800D03UB	1SCA022272R3570	17	Switch fuse, top in, back out connection (UB)

Type	Order number	Page	Description
OESA800D04BBN2	1SCA022272R3900	15	Switch fuse, back in, back out connection (BB)
OESA800D04BDN2	1SCA022272R3730	13	Switch fuse, back in, bottom out connection (BD)
OESA800D04UBN2	1SCA022272R4110	17	Switch fuse, top in, back out connection (UB)
OESA800D12BB	1SCA022279R7690	15	Switch fuse, back in, back out connection (BB)
OESA800D12BD	1SCA022279R7510	13	Switch fuse, back in, bottom out connection (BD)
OESA800D12UB	1SCA022279R7850	17	Switch fuse, top in, back out connection (UB)
OESA800D22BBN2	1SCA022279R8230	15	Switch fuse, back in, back out connection (BB)
OESA800D22BDN2	1SCA022279R8070	13	Switch fuse, back in, bottom out connection (BD)
OESA800D22UBN2	1SCA022279R8400	17	Switch fuse, top in, back out connection (UB)
OESAZG5	1SCA022057R1380	37	Solid link
OESAZG98	1SCA022354R9650	37	Solid link
OESAZK98	1SCA022067R7370	37	Solid link
OESAZL79	1SCA022067R7110	37	Solid link
OESAZS36	1SCA022044R4600	37	Solid link
OESAZW1	1SCA022064R3710	40	Change-over switch mechanism
OESAZW2	1SCA022078R1600	40	6 and 8-pole switch mechanism
OESAZX 160	1SCA022186R3960	37	Neutral link
OESAZX 162	1SCA022193R0400	37	Neutral link
OESAZX 164	1SCA022202R9520	37	Neutral link
OESAZX 165	1SCA022202R9790	37	Neutral link
OESAZX169	1SCA022196R9360	35	Mounting frame
OESAZX171	1SCA022197R2580	37	Neutral link
OETLZK19	1SCA022093R1850	34	Adapter for extension socket
OETLZW11	1SCA022078R0030	40	Change-over switch mechanism
OETLZW12	1SCA022078R0200	40	Change-over switch mechanism
OETLZW13	1SCA022078R0460	40	By-pass switch mechanism
OETLZW14	1SCA022077R3410	40	Mechanical interlock mechanism
OETLZW15	1SCA022081R9340	40	Mechanical interlock mechanism
OETLZW16	1SCA022095R2070	43	Cam attachment for Castell, Lowe & Fletcher and Ronis interlock
OETLZW3	1SCA022049R0380	40	Mechanical interlock mechanism
OETLZW5	1SCA022052R3900	43	Cam attachment for Castell, Lowe & Fletcher and Ronis interlock
OETLZW9	1SCA022061R3300	40	6 and 8-pole switch mechanism
OETLZX108	1SCA022087R8430	43	90° angle kit
OETLZX95	1SCA022083R5620	34	Shaft extension socket
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OEZXU14/4	1SCA101082R1001	39	Terminal angle
OFAE 504	1SCA022007R6880	32	Fuse replacement handle
OFAE 505	1SCA022137R0770	32	Fuse replacement handle
OFAW00	1SCA022003R9680	37	Solid link
OFAW1	1SCA022003R9760	37	Solid link
OFAW2	1SCA022003R9840	37	Solid link
OFAW3	1SCA022003R9920	37	Solid link
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OFM690	1SCA022459R8480	42	Fuse monitor
OFMZX2	1SCA022475R9910	42	Crimp terminals



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Type	Order number	Page	Description
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OFS690	1SCA022715R9920	42	Fuse monitor
OHB 145J12E011	1SCA022399R8530	31	Handle
OHB 175J12E011	1SCA022459R9700	31	Handle
OHB125J12	1SCA022381R1560	31	Handle
OHB145J12	1SCA022381R2110	31	Handle
OHB175J12	1SCA022381R2450	31	Handle
OHB275J12	1SCA022381R2960	31	Handle
OHB4	1SCA022439R4050	32	Direct mounted handle
OHB5	1SCA022192R9220	32	Direct mounted handle
OHB65J5	1SCA022380R9070	31	Handle
OHB65J5T	1SCA022382R9340	31	Handle
OHB65J6	1SCA022380R9660	31	Handle
OHB65J6T	1SCA022399R8110	31	Handle
OHB95J12	1SCA022381R0830	31	Handle
OHG 145J12E011	1SCA022460R7140	31	Handle
OHG 175J12E011	1SCA022461R2060	31	Handle
OHG125J12	1SCA022381R1640	31	Handle
OHG145J12	1SCA022381R2290	31	Handle
OHG175J12	1SCA022381R2610	31	Handle
OHG275J12	1SCA022381R3000	31	Handle
OHG65J5	1SCA022380R9150	31	Handle
OHG65J5T	1SCA022556R2070	31	Handle
OHG65J6	1SCA022380R9740	31	Handle
OHG65J6T	1SCA022456R9620	31	Handle
OHG95J12	1SCA022381R0910	31	Handle
OHM125L12	1SCA022739R1150	31	Handle
OHM175L12	1SCA022739R1230	31	Handle
OHM275L12	1SCA022832R4840	31	Handle
OHM65L6	1SCA022739R1070	31	Handle
OHY 145J12E011	1SCA022460R7060	31	Handle
OHY 175J12E011	1SCA022461R1920	31	Handle
OHY125J12	1SCA022381R1720	31	Handle
OHY145J12	1SCA022381R2370	31	Handle
OHY175J12	1SCA022381R2700	31	Handle
OHY275J12	1SCA022381R3180	31	Handle
OHY65J5	1SCA022380R9230	31	Handle
OHY65J5T	1SCA022429R0940	31	Handle
OHY65J6	1SCA022380R9820	31	Handle
OHY65J6T	1SCA022456R9540	31	Handle
OHY95J12	1SCA022381R1050	31	Handle
OHZX14	1SCA022851R6590	32	Extension ring for pistol type handles
OS100B03BBW	1SCA022558R7060	25	Switch fuse, back in, back out connection (BB)
OS100B03BDW	1SCA022558R6920	24	Switch fuse, back in, bottom out connection (BD)
OS100B03PDW	1SCA022695R8860	20	Switch fuse, plug in, bottom out connection (PD)
OS100B03PLW	1SCA022695R9080	23	Switch fuse, plug in, left out connection (PL)
OS100B03PRW	1SCA022695R8940	22	Switch fuse, plug in, right out connection (PR)
OS100B03UBW	1SCA022558R7140	26	Switch fuse, top in, back out connection (UB)
OS100B04BBN2W	1SCA022558R7310	25	Switch fuse, back in, back out connection (BB)
OS100B04BDN2W	1SCA022558R7220	24	Switch fuse, back in, bottom out connection (BD)
OS100B04UBN2W	1SCA022558R7490	26	Switch fuse, top in, back out connection (UB)
OS100B12BBW	1SCA022558R5870	25	Switch fuse, back in, back out connection (BB)
OS100B12BDW	1SCA022558R5790	24	Switch fuse, back in, bottom out connection (BD)

Type	Order number	Page	Description
OS100B12BRW	1SCA022696R2110	27	Switch fuse, back in, right out connection (BR)
OS100B12CPDW	1SCA022695R9240	21	Switch fuse, plug in, bottom out connection (PD)
OS100B12LBW	1SCA022696R2380	30	Switch fuse, left in, back out connection (LB)
OS100B12LDW	1SCA022696R2460	29	Switch fuse, left in, bottom out connection (LD)
OS100B12LRW	1SCA022696R2620	30	Switch fuse, left in, right out connection (LR)
OS100B12PDW	1SCA022544R3490	20	Switch fuse, plug in, bottom out connection (PD)
OS100B12PLW	1SCA022594R1170	23	Switch fuse, plug in, left out connection (PL)
OS100B12PRW	1SCA022594R1090	22	Switch fuse, plug in, right out connection (PR)
OS100B12RDW	1SCA022696R2200	29	Switch fuse, right in, bottom out connection (RD)
OS100B12UBW	1SCA022558R5950	26	Switch fuse, top in, back out connection (UB)
OS100B12ULW	1SCA022696R2030	28	Switch fuse, top in, left out connection (UL)
OS100B12URW	1SCA022696R2540	28	Switch fuse, top in, right out connection (UR)
OS100B13PDN1W	1SCA022693R6460	20	Switch fuse, plug in, bottom out connection (PD)
OS100B13PLN1W	1SCA022695R8270	23	Switch fuse, plug in, left out connection (PL)
OS100B13PRN1W	1SCA022693R6540	22	Switch fuse, plug in, right out connection (PR)
OS100B21PDW	1SCA022693R6200	20	Switch fuse, plug in, bottom out connection (PD)
OS100B21PLW	1SCA022695R8190	23	Switch fuse, plug in, left out connection (PL)
OS100B21PRW	1SCA022693R6380	22	Switch fuse, plug in, right out connection (PR)
OS100B22BBN2W	1SCA022558R6170	25	Switch fuse, back in, back out connection (BB)
OS100B22BDN2W	1SCA022558R6090	24	Switch fuse, back in, bottom out connection (BD)
OS100B22BRN2W	1SCA022696R2710	27	Switch fuse, back in, right out connection (BR)
OS100B22CPDN2W	1SCA022695R9320	21	Switch fuse, plug in, bottom out connection (PD)
OS100B22LBN2W	1SCA022696R2970	30	Switch fuse, left in, back out connection (LB)
OS100B22LDN2W	1SCA022696R3010	29	Switch fuse, left in, bottom out connection (LD)
OS100B22LRN2W	1SCA022696R3350	30	Switch fuse, left in, right out connection (LR)
OS100B22PDN1W	1SCA022656R0910	20	Switch fuse, plug in, bottom out connection (PD)
OS100B22PLN1W	1SCA022695R8350	23	Switch fuse, plug in, left out connection (PL)
OS100B22PRN1W	1SCA022693R6620	22	Switch fuse, plug in, right out connection (PR)
OS100B22RDN2W	1SCA022696R2890	29	Switch fuse, right in, bottom out connection (RD)
OS100B22UBN2W	1SCA022558R6250	26	Switch fuse, top in, back out connection (UB)
OS100B22ULN2W	1SCA022696R3190	28	Switch fuse, top in, left out connection (UL)
OS100B22URN2W	1SCA022696R3270	28	Switch fuse, top in, right out connection (UR)
OS100B30PDW	1SCA022594R1330	20	Switch fuse, plug in, bottom out connection (PD)



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Type	Order number	Page	Description
OS100B30PLW	1SCA022594R1500	23	Switch fuse, plug in, left out connection (PL)
OS100B30PRW	1SCA022594R1410	22	Switch fuse, plug in, right out connection (PR)
OS100B31PDN2W	1SCA022594R1680	20	Switch fuse, plug in, bottom out connection (PD)
OS100B31PLN2W	1SCA022594R2310	23	Switch fuse, plug in, left out connection (PL)
OS100B31PRN2W	1SCA022594R1760	22	Switch fuse, plug in, right out connection (PR)
OS125D03BBW	1SCA022556R3800	15	Switch fuse, back in, back out connection (BB)
OS125D03BDW	1SCA022558R8970	13	Switch fuse, back in, bottom out connection (BD)
OS125D03CPDW	1SCA022693R3010	10	Switch fuse, plug in, bottom out connection (PD)
OS125D03PDW	1SCA022680R6920	9	Switch fuse, plug in, bottom out connection (PD)
OS125D03PLW	1SCA022716R3790	12	Switch fuse, plug in, left out connection (PL)
OS125D03PRW	1SCA022693R7190	11	Switch fuse, plug in, right out connection (PR)
OS125D03UBW	1SCA022558R9010	17	Switch fuse, top in, back out connection (UB)
OS125D04BBN2W	1SCA022558R9270	15	Switch fuse, back in, back out connection (BB)
OS125D04BDN2W	1SCA022558R9190	13	Switch fuse, back in, bottom out connection (BD)
OS125D04UBN2W	1SCA022558R9350	17	Switch fuse, top in, back out connection (UB)
OS125D12BBW	1SCA022556R3630	15	Switch fuse, back in, back out connection (BB)
OS125D12BDW	1SCA022558R7810	13	Switch fuse, back in, bottom out connection (BD)
OS125D12BRW	1SCA022542R4940	14	Switch fuse, back in, right out connection (BR)
OS125D12CPDW	1SCA022689R9160	10	Switch fuse, plug in, bottom out connection (PD)
OS125D12LBW	1SCA022542R5160	19	Switch fuse, left in, back out connection (LB)
OS125D12LDW	1SCA022543R5980	18	Switch fuse, left in, bottom out connection (LD)
OS125D12LRW	1SCA022564R1880	19	Switch fuse, left in, right out connection (LR)
OS125D12PDW	1SCA022544R3570	9	Switch fuse, plug in, bottom out connection (PD)
OS125D12PLW	1SCA022594R4510	12	Switch fuse, plug in, left out connection (PL)
OS125D12PRW	1SCA022594R4430	11	Switch fuse, plug in, right out connection (PR)
OS125D12RDW	1SCA022594R1920	18	Switch fuse, right in, bottom out connection (RD)
OS125D12UBW	1SCA022558R8030	17	Switch fuse, top in, back out connection (UB)
OS125D12ULW	1SCA022594R5080	16	Switch fuse, top in, left out connection (UL)
OS125D12URW	1SCA022542R4860	16	Switch fuse, top in, right out connection (UR)
OS125D13PDN1W	1SCA022693R5900	9	Switch fuse, plug in, bottom out connection (PD)
OS125D13PLN1W	1SCA022695R7540	12	Switch fuse, plug in, left out connection (PL)
OS125D13PRN1W	1SCA022693R6030	11	Switch fuse, plug in, right out connection (PR)
OS125D21PDW	1SCA022693R5730	9	Switch fuse, plug in, bottom out connection (PD)

Type	Order number	Page	Description
OS125D21PLW	1SCA022696R5720	12	Switch fuse, plug in, left out connection (PL)
OS125D21PRW	1SCA022693R5810	11	Switch fuse, plug in, right out connection (PR)
OS125D22BBN2W	1SCA022558R8200	15	Switch fuse, back in, back out connection (BB)
OS125D22BDN2W	1SCA022558R8110	13	Switch fuse, back in, bottom out connection (BD)
OS125D22BRN2W	1SCA022652R1330	14	Switch fuse, back in, right out connection (BR)
OS125D22CPDN2W	1SCA022693R3100	10	Switch fuse, plug in, bottom out connection (PD)
OS125D22LBN2W	1SCA022695R9750	19	Switch fuse, left in, back out connection (LB)
OS125D22LDN2W	1SCA022695R9830	18	Switch fuse, left in, bottom out connection (LD)
OS125D22LRN2W	1SCA022618R5630	19	Switch fuse, left in, right out connection (LR)
OS125D22PDN1W	1SCA022695R7460	9	Switch fuse, plug in, bottom out connection (PD)
OS125D22PLN1W	1SCA022695R7620	12	Switch fuse, plug in, left out connection (PL)
OS125D22PRN1W	1SCA022693R6110	11	Switch fuse, plug in, right out connection (PR)
OS125D22RDN2W	1SCA022695R9670	18	Switch fuse, right in, bottom out connection (RD)
OS125D22UBN2W	1SCA022558R8380	17	Switch fuse, top in, back out connection (UB)
OS125D22ULN2W	1SCA022695R9910	16	Switch fuse, top in, left out connection (UL)
OS125D22URN2W	1SCA022696R0090	16	Switch fuse, top in, right out connection (UR)
OS125D30CPLW	1SCA022631R7300	12	Switch fuse, plug in, left out connection (PL)
OS125D30CPRW	1SCA022631R7480	11	Switch fuse, plug in, right out connection (PR)
OS125D30PDW	1SCA022594R4600	9	Switch fuse, plug in, bottom out connection (PD)
OS125D30PLW	1SCA022594R4860	12	Switch fuse, plug in, left out connection (PL)
OS125D30PRW	1SCA022594R4780	11	Switch fuse, plug in, right out connection (PR)
OS125D31PDN2W	1SCA022594R4940	9	Switch fuse, plug in, bottom out connection (PD)
OS125D31PLN2W	1SCA022594R5160	12	Switch fuse, plug in, left out connection (PL)
OS125D31PRN2W	1SCA022594R5080	11	Switch fuse, plug in, right out connection (PR)
OS160B03BBW	1SCA022557R8910	25	Switch fuse, back in, back out connection (BB)
OS160B03BDW	1SCA022554R6710	24	Switch fuse, back in, bottom out connection (BD)
OS160B03PDW	1SCA022505R9800	20	Switch fuse, plug in, bottom out connection (PD)
OS160B03PLW	1SCA022695R9160	23	Switch fuse, plug in, left out connection (PL)
OS160B03PRW	1SCA022506R1450	22	Switch fuse, plug in, right out connection (PR)
OS160B03UBW	1SCA022557R9040	26	Switch fuse, top in, back out connection (UB)
OS160B04BBN2W	1SCA022558R7650	25	Switch fuse, back in, back out connection (BB)
OS160B04BDN2W	1SCA022558R7570	24	Switch fuse, back in, bottom out connection (BD)
OS160B04UBN2W	1SCA022558R7730	26	Switch fuse, top in, back out connection (UB)



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Type	Order number	Page	Description
OS160B12BBW	1SCA022558R6410	25	Switch fuse, back in, back out connection (BB)
OS160B12BDW	1SCA022558R6330	24	Switch fuse, back in, bottom out connection (BD)
OS160B12BRW	1SCA022696R3430	27	Switch fuse, back in, right out connection (BR)
OS160B12CPDW	1SCA022695R9410	21	Switch fuse, plug in, bottom out connection (PD)
OS160B12LBW	1SCA022696R3600	30	Switch fuse, left in, back out connection (LB)
OS160B12LDW	1SCA022696R3780	29	Switch fuse, left in, bottom out connection (LD)
OS160B12LRW	1SCA022505R8230	30	Switch fuse, left in, right out connection (LR)
OS160B12PDW	1SCA022506R1020	20	Switch fuse, plug in, bottom out connection (PD)
OS160B12PLW	1SCA022594R2490	23	Switch fuse, plug in, left out connection (PL)
OS160B12PRW	1SCA022506R2340	22	Switch fuse, plug in, right out connection (PR)
OS160B12RDW	1SCA022696R3510	29	Switch fuse, right in, bottom out connection (RD)
OS160B12UBW	1SCA022558R6500	26	Switch fuse, top in, back out connection (UB)
OS160B12ULW	1SCA022696R3860	28	Switch fuse, top in, left out connection (UL)
OS160B12URW	1SCA022696R3940	28	Switch fuse, top in, right out connection (UR)
OS160B13PDN1W	1SCA022507R5080	20	Switch fuse, plug in, bottom out connection (PD)
OS160B13PLN1W	1SCA022695R8510	23	Switch fuse, plug in, left out connection (PL)
OS160B13PRN1W	1SCA022507R7110	22	Switch fuse, plug in, right out connection (PR)
OS160B21PDW	1SCA022506R1110	20	Switch fuse, plug in, bottom out connection (PD)
OS160B21PLW	1SCA022695R8430	23	Switch fuse, plug in, left out connection (PL)
OS160B21PRW	1SCA022506R2510	22	Switch fuse, plug in, right out connection (PR)
OS160B22BBN2W	1SCA022558R6760	25	Switch fuse, back in, back out connection (BB)
OS160B22BDN2W	1SCA022558R6680	24	Switch fuse, back in, bottom out connection (BD)
OS160B22BRN2W	1SCA022696R4080	27	Switch fuse, back in, right out connection (BR)
OS160B22CPDN2W	1SCA022695R9590	21	Switch fuse, plug in, bottom out connection (PD)
OS160B22LBN2W	1SCA022696R4240	30	Switch fuse, left in, back out connection (LB)
OS160B22LDN2W	1SCA022696R4320	29	Switch fuse, left in, bottom out connection (LD)
OS160B22LRN2W	1SCA022507R3380	30	Switch fuse, left in, right out connection (LR)
OS160B22PDN1W	1SCA022507R6130	20	Switch fuse, plug in, bottom out connection (PD)
OS160B22PLN1W	1SCA022695R8780	23	Switch fuse, plug in, left out connection (PL)
OS160B22PRN1W	1SCA022510R6140	22	Switch fuse, plug in, right out connection (PR)
OS160B22RDN2W	1SCA022696R4160	29	Switch fuse, right in, bottom out connection (RD)
OS160B22UBN2W	1SCA022558R6840	26	Switch fuse, top in, back out connection (UB)
OS160B22ULN2W	1SCA022696R4410	28	Switch fuse, top in, left out connection (UL)

Type	Order number	Page	Description
OS160B22URN2W	1SCA022696R4590	28	Switch fuse, top in, right out connection (UR)
OS160B30PDW	1SCA022505R9980	20	Switch fuse, plug in, bottom out connection (PD)
OS160B30PLW	1SCA022594R2570	23	Switch fuse, plug in, left out connection (PL)
OS160B30PRW	1SCA022506R1880	22	Switch fuse, plug in, right out connection (PR)
OS160B31PDN2W	1SCA022507R5750	20	Switch fuse, plug in, bottom out connection (PD)
OS160B31PLN2W	1SCA022594R2650	23	Switch fuse, plug in, left out connection (PL)
OS160B31PRN2W	1SCA022510R5500	22	Switch fuse, plug in, right out connection (PR)
OS160D03BBW	1SCA022556R3710	15	Switch fuse, back in, back out connection (BB)
OS160D03BDW	1SCA022558R9430	13	Switch fuse, back in, bottom out connection (BD)
OS160D03PDW	1SCA022505R8740	9	Switch fuse, plug in, bottom out connection (PD)
OS160D03PLW	1SCA022716R3870	12	Switch fuse, plug in, left out connection (PL)
OS160D03PRW	1SCA022506R1370	11	Switch fuse, plug in, right out connection (PR)
OS160D03UBW	1SCA022558R9600	17	Switch fuse, top in, back out connection (UB)
OS160D04BBN2W	1SCA022558R9860	15	Switch fuse, back in, back out connection (BB)
OS160D04BDN2W	1SCA022558R9780	13	Switch fuse, back in, bottom out connection (BD)
OS160D04UBN2W	1SCA022558R9940	17	Switch fuse, top in, back out connection (UB)
OS160D12BBW	1SCA022556R3550	15	Switch fuse, back in, back out connection (BB)
OS160D12BDW	1SCA022558R8460	13	Switch fuse, back in, bottom out connection (BD)
OS160D12BRW	1SCA022541R9190	14	Switch fuse, back in, right out connection (BR)
OS160D12LBW	1SCA022542R5240	19	Switch fuse, left in, back out connection (LB)
OS160D12LDW	1SCA022543R5800	18	Switch fuse, left in, bottom out connection (LD)
OS160D12LRW	1SCA022505R2620	19	Switch fuse, left in, right out connection (LR)
OS160D12PDW	1SCA022505R9470	9	Switch fuse, plug in, bottom out connection (PD)
OS160D12PLW	1SCA022594R5240	12	Switch fuse, plug in, left out connection (PL)
OS160D12PRW	1SCA022506R2180	11	Switch fuse, plug in, right out connection (PR)
OS160D12RDW	1SCA022542R1090	18	Switch fuse, right in, bottom out connection (RD)
OS160D12UBW	1SCA022558R8540	17	Switch fuse, top in, back out connection (UB)
OS160D12ULW	1SCA022541R9430	16	Switch fuse, top in, left out connection (UL)
OS160D12URW	1SCA022541R9270	16	Switch fuse, top in, right out connection (UR)
OS160D13PDN1W	1SCA022507R4780	9	Switch fuse, plug in, bottom out connection (PD)
OS160D13PLN1W	1SCA022695R7710	12	Switch fuse, plug in, left out connection (PL)
OS160D13PRN1W	1SCA022507R6720	11	Switch fuse, plug in, right out connection (PR)
OS160D21PDW	1SCA022505R9630	9	Switch fuse, plug in, bottom out connection (PD)



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OS160D21PLW	1SCA022696R5640	12	Switch fuse, plug in, left out connection (PL)
OS160D21PRW	1SCA022506R2420	11	Switch fuse, plug in, right out connection (PR)
OS160D22BBN2W	1SCA022558R8710	15	Switch fuse, back in, back out connection (BB)
OS160D22BDN2W	1SCA022558R8620	13	Switch fuse, back in, bottom out connection (BD)
OS160D22BRN2W	1SCA022644R7260	14	Switch fuse, back in, right out connection (BR)
OS160D22LBN2W	1SCA022696R0170	19	Switch fuse, left in, back out connection (LB)
OS160D22LDN2W	1SCA022696R0250	18	Switch fuse, left in, bottom out connection (LD)
OS160D22LRN2W	1SCA022507R3200	19	Switch fuse, left in, right out connection (LR)
OS160D22PDN1W	1SCA022507R6050	9	Switch fuse, plug in, bottom out connection (PD)
OS160D22PLN1W	1SCA022695R7890	12	Switch fuse, plug in, left out connection (PL)
OS160D22PRN1W	1SCA022510R5840	11	Switch fuse, plug in, right out connection (PR)
OS160D22RDN2W	1SCA022620R0530	18	Switch fuse, right in, bottom out connection (RD)
OS160D22UBN2W	1SCA022558R8890	17	Switch fuse, top in, back out connection (UB)
OS160D22ULN2W	1SCA022696R0330	16	Switch fuse, top in, left out connection (UL)
OS160D22URN2W	1SCA022696R0410	16	Switch fuse, top in, right out connection (UR)
OS160D30CPLW	1SCA022693R3280	12	Switch fuse, plug in, left out connection (PL)
OS160D30CPRW	1SCA022641R2630	11	Switch fuse, plug in, right out connection (PR)
OS160D30PDW	1SCA022505R9210	9	Switch fuse, plug in, bottom out connection (PD)
OS160D30PLW	1SCA022594R5320	12	Switch fuse, plug in, left out connection (PL)
OS160D30PRW	1SCA022506R1610	11	Switch fuse, plug in, right out connection (PR)
OS160D31PDN2W	1SCA022507R5670	9	Switch fuse, plug in, bottom out connection (PD)
OS160D31PLN2W	1SCA022594R5410	12	Switch fuse, plug in, left out connection (PL)
OS160D31PRN2W	1SCA022510R5680	11	Switch fuse, plug in, right out connection (PR)
OS200B03BBP	1SCA102082R1001	25	Switch fuse, back in, back out connection (BB)
OS200B03BDP	1SCA102084R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B03UBP	1SCA102129R1001	26	Switch fuse, top in, back out connection (UB)
OS200B04BBN2P	1SCA102123R1001	25	Switch fuse, back in, back out connection (BB)
OS200B04BDN2P	1SCA102136R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B04UBN2P	1SCA102135R1001	26	Switch fuse, top in, back out connection (UB)
OS200B12BBP	1SCA102124R1001	25	Switch fuse, back in, back out connection (BB)
OS200B12BDP	1SCA102128R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B12BLP	1SCA022854R3300	27	Switch fuse, back in, left out connection (BL)
OS200B12BRP	1SCA022853R5380	27	Switch fuse, back in, right out connection (BR)

Type	Order number	Page	Description
OS200B12DLP	1SCA022854R3720	29	Switch fuse, bottom in, left out connection (DL)
OS200B12LRP	1SCA022854R2910	30	Switch fuse, left in, right out connection (LR)
OS200B12PD5P	1SCA022856R8470	21	Switch fuse, plug in, bottom out connection (PD)
OS200B12PDP	1SCA022856R8120	20	Switch fuse, plug in, bottom out connection (PD)
OS200B12PL5P	1SCA022856R7400	23	Switch fuse, plug in, left out connection (PL)
OS200B12PLP	1SCA022856R7150	23	Switch fuse, plug in, left out connection (PL)
OS200B12PR5P	1SCA022856R6510	22	Switch fuse, plug in, right out connection (PR)
OS200B12PRP	1SCA022856R6340	22	Switch fuse, plug in, right out connection (PR)
OS200B12UBP	1SCA102127R1001	26	Switch fuse, top in, back out connection (UB)
OS200B12URP	1SCA022854R2410	28	Switch fuse, top in, right out connection (UR)
OS200B21BDP	1SCA105603R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B21BLP	1SCA022854R3480	27	Switch fuse, back in, left out connection (BL)
OS200B21BRP	1SCA022853R5200	27	Switch fuse, back in, right out connection (BR)
OS200B21DLP	1SCA022854R3810	29	Switch fuse, bottom in, left out connection (DL)
OS200B21LRP	1SCA022854R3050	30	Switch fuse, left in, right out connection (LR)
OS200B21PD5P	1SCA022856R8550	21	Switch fuse, plug in, bottom out connection (PD)
OS200B21PDP	1SCA022856R8210	20	Switch fuse, plug in, bottom out connection (PD)
OS200B21PL5P	1SCA022856R7580	23	Switch fuse, plug in, left out connection (PL)
OS200B21PLP	1SCA022856R7230	23	Switch fuse, plug in, left out connection (PL)
OS200B21PR5P	1SCA022856R6690	22	Switch fuse, plug in, right out connection (PR)
OS200B21PRP	1SCA022856R6420	22	Switch fuse, plug in, right out connection (PR)
OS200B21URP	1SCA022854R2590	28	Switch fuse, top in, right out connection (UR)
OS200B22BBN2P	1SCA102130R1001	25	Switch fuse, back in, back out connection (BB)
OS200B22BDN1P	1SCA105605R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B22BDN2P	1SCA102152R1001	24	Switch fuse, back in, bottom out connection (BD)
OS200B22BLN1P	1SCA022854R4530	27	Switch fuse, back in, left out connection (BL)
OS200B22BLN2P	1SCA022854R4610	27	Switch fuse, back in, left out connection (BL)
OS200B22BRN1P	1SCA022853R5890	27	Switch fuse, back in, right out connection (BR)
OS200B22BRN2P	1SCA022853R5970	27	Switch fuse, back in, right out connection (BR)
OS200B22DLN1P	1SCA022854R4960	29	Switch fuse, bottom in, left out connection (DL)
OS200B22DLN2P	1SCA022854R5000	29	Switch fuse, bottom in, left out connection (DL)
OS200B22LRP	1SCA022854R4290	30	Switch fuse, left in, right out connection (LR)
OS200B22PD5N1P	1SCA022857R1510	21	Switch fuse, plug in, bottom out connection (PD)



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OS200B22PD5N2P	1SCA022857R1690	21	Switch fuse, plug in, bottom out connection (PD)
OS200B22PDN1P	1SCA022857R1340	20	Switch fuse, plug in, bottom out connection (PD)
OS200B22PDN2P	1SCA022857R1420	20	Switch fuse, plug in, bottom out connection (PD)
OS200B22PL5N1P	1SCA022857R0020	23	Switch fuse, plug in, left out connection (PL)
OS200B22PL5N2P	1SCA022857R0110	23	Switch fuse, plug in, left out connection (PL)
OS200B22PLN1P	1SCA022856R9870	23	Switch fuse, plug in, left out connection (PL)
OS200B22PLN2P	1SCA022856R9950	23	Switch fuse, plug in, left out connection (PL)
OS200B22PR5N1P	1SCA022856R9360	22	Switch fuse, plug in, right out connection (PR)
OS200B22PR5N2P	1SCA022856R9010	22	Switch fuse, plug in, right out connection (PR)
OS200B22PRN1P	1SCA022856R9010	22	Switch fuse, plug in, right out connection (PR)
OS200B22PRN2P	1SCA022856R9100	22	Switch fuse, plug in, right out connection (PR)
OS200B22UBN2P	1SCA102144R1001	26	Switch fuse, top in, back out connection (UB)
OS200B22URN1P	1SCA022854R3990	28	Switch fuse, top in, right out connection (UR)
OS200B22URN2P	1SCA022854R4020	28	Switch fuse, top in, right out connection (UR)
OS200D03BBP	1SCA102150R1001	15	Switch fuse, back in, back out connection (BB)
OS200D03BDP	1SCA102147R1001	13	Switch fuse, back in, bottom out connection (BD)
OS200D03UBP	1SCA102141R1001	17	Switch fuse, top in, back out connection (UB)
OS200D04BBN2P	1SCA102139R1001	15	Switch fuse, back in, back out connection (BB)
OS200D04BDN2P	1SCA102138R1001	13	Switch fuse, back in, bottom out connection (BD)
OS200D04UBN2P	1SCA102157R1001	17	Switch fuse, top in, back out connection (UB)
OS200D12BBP	1SCA102156R1001	15	Switch fuse, back in, back out connection (BB)
OS200D12BDP	1SCA102159R1001	13	Switch fuse, back in, bottom out connection (BD)
OS200D12UBP	1SCA102158R1001	17	Switch fuse, top in, back out connection (UB)
OS200D22BBN2P	1SCA102006R1001	15	Switch fuse, back in, back out connection (BB)
OS200D22BDN2P	1SCA102172R1001	13	Switch fuse, back in, bottom out connection (BD)
OS200D22UBN2P	1SCA102162R1001	17	Switch fuse, top in, back out connection (UB)
OS20B12A1PD	1SCA022537R6440	20	Switch fuse, plug in, bottom out connection (PD)
OS20B22A1PDN1	1SCA022537R6790	20	Switch fuse, plug in, bottom out connection (PD)
OS250B03BBP	1SCA102168R1001	25	Switch fuse, back in, back out connection (BB)
OS250B03BDP	1SCA102174R1001	24	Switch fuse, back in, bottom out connection (BD)
OS250B03UBP	1SCA102169R1001	26	Switch fuse, top in, back out connection (UB)
OS250B04BBN2P	1SCA102164R1001	25	Switch fuse, back in, back out connection (BB)
OS250B04BDN2P	1SCA102170R1001	24	Switch fuse, back in, bottom out connection (BD)

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OS250B04UBN2P	1SCA102181R1001	26	Switch fuse, top in, back out connection (UB)
OS250B12BBP	1SCA102178R1001	25	Switch fuse, back in, back out connection (BB)
OS250B12BDP	1SCA102003R1001	24	Switch fuse, back in, bottom out connection (BD)
OS250B12BLP	1SCA022854R6150	27	Switch fuse, back in, left out connection (BL)
OS250B12BRP	1SCA022853R6430	27	Switch fuse, back in, right out connection (BR)
OS250B12DLP	1SCA022854R6580	29	Switch fuse, bottom in, left out connection (DL)
OS250B12LRP	1SCA022854R5690	30	Switch fuse, left in, right out connection (LR)
OS250B12PD5P	1SCA022857R4440	21	Switch fuse, plug in, bottom out connection (PD)
OS250B12PDP	1SCA022857R4100	20	Switch fuse, plug in, bottom out connection (PD)
OS250B12PL5P	1SCA022857R3550	23	Switch fuse, plug in, left out connection (PL)
OS250B12PLP	1SCA022857R3210	23	Switch fuse, plug in, left out connection (PL)
OS250B12PR5P	1SCA022857R2660	22	Switch fuse, plug in, right out connection (PR)
OS250B12PRP	1SCA022857R2400	22	Switch fuse, plug in, right out connection (PR)
OS250B12UBP	1SCA102183R1001	26	Switch fuse, top in, back out connection (UB)
OS250B12URP	1SCA022854R5260	28	Switch fuse, top in, right out connection (UR)
OS250B21BDP	1SCA105606R1001	24	Switch fuse, back in, bottom out connection (BD)
OS250B21BLP	1SCA022854R6230	27	Switch fuse, back in, left out connection (BL)
OS250B21BRP	1SCA022853R6510	27	Switch fuse, back in, right out connection (BR)
OS250B21DLP	1SCA022854R6660	29	Switch fuse, bottom in, left out connection (DL)
OS250B21LRP	1SCA022854R5850	30	Switch fuse, left in, right out connection (LR)
OS250B21PD5P	1SCA022857R4520	21	Switch fuse, plug in, bottom out connection (PD)
OS250B21PDP	1SCA022857R4280	20	Switch fuse, plug in, bottom out connection (PD)
OS250B21PL5P	1SCA022857R3630	23	Switch fuse, plug in, left out connection (PL)
OS250B21PLP	1SCA022857R3390	23	Switch fuse, plug in, left out connection (PL)
OS250B21PR5P	1SCA022857R2740	22	Switch fuse, plug in, right out connection (PR)
OS250B21PRP	1SCA022857R2580	22	Switch fuse, plug in, right out connection (PR)
OS250B21URP	1SCA022854R5340	28	Switch fuse, top in, right out connection (UR)
OS250B22BBN2P	1SCA102188R1001	25	Switch fuse, back in, back out connection (BB)
OS250B22BDN1P	1SCA105607R1001	24	Switch fuse, back in, bottom out connection (BD)
OS250B22BDN2P	1SCA102195R1001	24	Switch fuse, back in, bottom out connection (BD)
OS250B22BLN1P	1SCA022854R7550	27	Switch fuse, back in, left out connection (BL)
OS250B22BLN2P	1SCA022854R7630	27	Switch fuse, back in, left out connection (BL)
OS250B22BRN1P	1SCA022853R7080	27	Switch fuse, back in, right out connection (BR)



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OS250B22BRN2P	1SCA022853R7160	27	Switch fuse, back in, right out connection (BR)
OS250B22DLN1P	1SCA022854R8010	29	Switch fuse, bottom in, left out connection (DL)
OS250B22DLN2P	1SCA022854R8100	29	Switch fuse, bottom in, left out connection (DL)
OS250B22LRP	1SCA022854R7210	30	Switch fuse, left in, right out connection (LR)
OS250B22PD5N1P	1SCA022857R6810	21	Switch fuse, plug in, bottom out connection (PD)
OS250B22PD5N2P	1SCA022857R6900	21	Switch fuse, plug in, bottom out connection (PD)
OS250B22PDN1P	1SCA022857R6650	20	Switch fuse, plug in, bottom out connection (PD)
OS250B22PDN2P	1SCA022857R6730	20	Switch fuse, plug in, bottom out connection (PD)
OS250B22PL5N1P	1SCA022857R6060	23	Switch fuse, plug in, left out connection (PL)
OS250B22PL5N2P	1SCA022857R6140	23	Switch fuse, plug in, left out connection (PL)
OS250B22PLN1P	1SCA022857R5840	23	Switch fuse, plug in, left out connection (PL)
OS250B22PLN2P	1SCA022857R5920	23	Switch fuse, plug in, left out connection (PL)
OS250B22PR5N1P	1SCA022857R5250	22	Switch fuse, plug in, right out connection (PR)
OS250B22PR5N2P	1SCA022857R5330	22	Switch fuse, plug in, right out connection (PR)
OS250B22PRN1P	1SCA022857R5090	22	Switch fuse, plug in, right out connection (PR)
OS250B22PRN2P	1SCA022857R5170	22	Switch fuse, plug in, right out connection (PR)
OS250B22UBN2P	1SCA102194R1001	26	Switch fuse, top in, back out connection (UB)
OS250B22URN1P	1SCA022854R6910	28	Switch fuse, top in, right out connection (UR)
OS250B22URN2P	1SCA022854R7040	28	Switch fuse, top in, right out connection (UR)
OS250D03BBP	1SCA102190R1001	15	Switch fuse, back in, back out connection (BB)
OS250D03BDP	1SCA102186R1001	13	Switch fuse, back in, bottom out connection (BD)
OS250D03UBP	1SCA102185R1001	17	Switch fuse, top in, back out connection (UB)
OS250D04BBN2P	1SCA102205R1001	15	Switch fuse, back in, back out connection (BB)
OS250D04BDN2P	1SCA102208R1001	13	Switch fuse, back in, bottom out connection (BD)
OS250D04UBN2P	1SCA102211R1001	17	Switch fuse, top in, back out connection (UB)
OS250D12BBP	1SCA102207R1001	15	Switch fuse, back in, back out connection (BB)
OS250D12BDP	1SCA102213R1001	13	Switch fuse, back in, bottom out connection (BD)
OS250D12BLP	1SCA022852R8840	14	Switch fuse, back in, left out connection (BL)
OS250D12BRP	1SCA022852R7610	14	Switch fuse, back in, right out connection (BR)
OS250D12DLP	1SCA022852R9220	18	Switch fuse, bottom in, left out connection (DL)
OS250D12LRP	1SCA022852R8410	19	Switch fuse, left in, right out connection (LR)
OS250D12PD5P	1SCA022855R8590	10	Switch fuse, plug in, bottom out connection (PD)
OS250D12PDP	1SCA022855R8320	9	Switch fuse, plug in, bottom out connection (PD)

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OS250D12PL5P	1SCA022855R7780	12	Switch fuse, plug in, left out connection (PL)
OS250D12PLP	1SCA022855R7510	12	Switch fuse, plug in, left out connection (PL)
OS250D12PR5P	1SCA022855R6970	11	Switch fuse, plug in, right out connection (PR)
OS250D12PRP	1SCA022855R6710	11	Switch fuse, plug in, right out connection (PR)
OS250D12UBP	1SCA102203R1001	17	Switch fuse, top in, back out connection (UB)
OS250D12URP	1SCA022852R8090	16	Switch fuse, top in, right out connection (UR)
OS250D21BLP	1SCA022852R8920	14	Switch fuse, back in, left out connection (BL)
OS250D21BRP	1SCA022852R7520	14	Switch fuse, back in, right out connection (BR)
OS250D21DLP	1SCA022852R9310	18	Switch fuse, bottom in, left out connection (DL)
OS250D21LRP	1SCA022852R8500	19	Switch fuse, left in, right out connection (LR)
OS250D21PD5P	1SCA022855R8670	10	Switch fuse, plug in, bottom out connection (PD)
OS250D21PDP	1SCA022855R8410	9	Switch fuse, plug in, bottom out connection (PD)
OS250D21PL5P	1SCA022855R7860	12	Switch fuse, plug in, left out connection (PL)
OS250D21PLP	1SCA022855R7600	12	Switch fuse, plug in, left out connection (PL)
OS250D21PR5P	1SCA022855R7010	11	Switch fuse, plug in, right out connection (PR)
OS250D21PRP	1SCA022855R6890	11	Switch fuse, plug in, right out connection (PR)
OS250D21URP	1SCA022852R8170	16	Switch fuse, top in, right out connection (UR)
OS250D22BBN2P	1SCA102212R1001	15	Switch fuse, back in, back out connection (BB)
OS250D22BDN2P	1SCA102209R1001	13	Switch fuse, back in, bottom out connection (BD)
OS250D22BLN1P	1SCA022853R0660	14	Switch fuse, back in, left out connection (BL)
OS250D22BLN2P	1SCA022853R0740	14	Switch fuse, back in, left out connection (BL)
OS250D22BRN1P	1SCA022852R9650	14	Switch fuse, back in, right out connection (BR)
OS250D22BRN2P	1SCA022852R9730	14	Switch fuse, back in, right out connection (BR)
OS250D22DLN1P	1SCA022853R1040	18	Switch fuse, bottom in, left out connection (DL)
OS250D22DLN2P	1SCA022853R1120	18	Switch fuse, bottom in, left out connection (DL)
OS250D22LRP	1SCA022853R0310	19	Switch fuse, left in, right out connection (LR)
OS250D22PD5N1P	1SCA022856R0900	10	Switch fuse, plug in, bottom out connection (PD)
OS250D22PD5N2P	1SCA022856R1030	10	Switch fuse, plug in, bottom out connection (PD)
OS250D22PDN1P	1SCA022856R0730	9	Switch fuse, plug in, bottom out connection (PD)
OS250D22PDN2P	1SCA022856R0810	9	Switch fuse, plug in, bottom out connection (PD)
OS250D22PL5N1P	1SCA022856R0140	12	Switch fuse, plug in, left out connection (PL)
OS250D22PL5N2P	1SCA022856R0220	12	Switch fuse, plug in, left out connection (PL)
OS250D22PLN1P	1SCA022855R9990	12	Switch fuse, plug in, left out connection (PL)



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OS250D22PLN2P	1SCA022856R0060	12	Switch fuse, plug in, left out connection (PL)
OS250D22PR5N1P	1SCA022855R9300	11	Switch fuse, plug in, right out connection (PR)
OS250D22PR5N2P	1SCA022855R9480	11	Switch fuse, plug in, right out connection (PR)
OS250D22PRN1P	1SCA100173R1001	11	Switch fuse, plug in, right out connection (PR)
OS250D22PRN2P	1SCA022855R9210	11	Switch fuse, plug in, right out connection (PR)
OS250D22UBN2P	1SCA102219R1001	17	Switch fuse, top in, back out connection (UB)
OS250D22URN1P	1SCA022853R0070	16	Switch fuse, top in, right out connection (UR)
OS250D22URN2P	1SCA022853R0150	16	Switch fuse, top in, right out connection (UR)
OS315B03BBP	1SCA102222R1001	25	Switch fuse, back in, back out connection (BB)
OS315B03BDP	1SCA102229R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B03UBP	1SCA102228R1001	26	Switch fuse, top in, back out connection (UB)
OS315B04BBN2P	1SCA102225R1001	25	Switch fuse, back in, back out connection (BB)
OS315B04BDN2P	1SCA102232R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B04UBN2P	1SCA102218R1001	26	Switch fuse, top in, back out connection (UB)
OS315B12BBP	1SCA102234R1001	25	Switch fuse, back in, back out connection (BB)
OS315B12BDP	1SCA102237R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B12BLP	1SCA022854R9170	27	Switch fuse, back in, left out connection (BL)
OS315B12BRP	1SCA022854R0200	27	Switch fuse, back in, right out connection (BR)
OS315B12DLP	1SCA022854R9500	29	Switch fuse, bottom in, left out connection (DL)
OS315B12LRP	1SCA022854R8790	30	Switch fuse, left in, right out connection (LR)
OS315B12PD5P	1SCA022857R9240	21	Switch fuse, plug in, bottom out connection (PD)
OS315B12PDP	1SCA022857R9080	20	Switch fuse, plug in, bottom out connection (PD)
OS315B12PL5P	1SCA022857R8430	23	Switch fuse, plug in, left out connection (PL)
OS315B12PLP	1SCA022857R8270	23	Switch fuse, plug in, left out connection (PL)
OS315B12PR5P	1SCA022857R7620	22	Switch fuse, plug in, right out connection (PR)
OS315B12PRP	1SCA022857R7460	22	Switch fuse, plug in, right out connection (PR)
OS315B12UBP	1SCA102235R1001	26	Switch fuse, top in, back out connection (UB)
OS315B12URP	1SCA022854R8280	28	Switch fuse, top in, right out connection (UR)
OS315B21BDP	1SCA105608R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B21BLP	1SCA022854R9250	27	Switch fuse, back in, left out connection (BL)
OS315B21BRP	1SCA022854R0380	27	Switch fuse, back in, right out connection (BR)
OS315B21DLP	1SCA022854R9680	29	Switch fuse, bottom in, left out connection (DL)
OS315B21LRP	1SCA022854R8870	30	Switch fuse, left in, right out connection (LR)

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OS315B21PD5P	1SCA022857R9320	21	Switch fuse, plug in, bottom out connection (PD)
OS315B21PDP	1SCA022857R9160	20	Switch fuse, plug in, bottom out connection (PD)
OS315B21PL5P	1SCA022857R8510	23	Switch fuse, plug in, left out connection (PL)
OS315B21PLP	1SCA022857R8350	23	Switch fuse, plug in, left out connection (PL)
OS315B21PR5P	1SCA022857R7710	22	Switch fuse, plug in, right out connection (PR)
OS315B21PRP	1SCA022857R7540	22	Switch fuse, plug in, right out connection (PR)
OS315B21URP	1SCA022854R8360	28	Switch fuse, top in, right out connection (UR)
OS315B22BBN2P	1SCA102247R1001	25	Switch fuse, back in, back out connection (BB)
OS315B22BDN1P	1SCA105609R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B22BDN2P	1SCA102241R1001	24	Switch fuse, back in, bottom out connection (BD)
OS315B22BLN1P	1SCA022855R0340	27	Switch fuse, back in, left out connection (BL)
OS315B22BLN2P	1SCA022855R0420	27	Switch fuse, back in, left out connection (BL)
OS315B22BRN1P	1SCA022854R0890	27	Switch fuse, back in, right out connection (BR)
OS315B22BRN2P	1SCA022854R0970	27	Switch fuse, back in, right out connection (BR)
OS315B22DLN1P	1SCA022855R0770	29	Switch fuse, bottom in, left out connection (DL)
OS315B22DLN2P	1SCA022855R0850	29	Switch fuse, bottom in, left out connection (DL)
OS315B22LRP	1SCA022855R0000	30	Switch fuse, left in, right out connection (LR)
OS315B22PD5N1P	1SCA022858R1730	21	Switch fuse, plug in, bottom out connection (PD)
OS315B22PD5N2P	1SCA022858R1810	21	Switch fuse, plug in, bottom out connection (PD)
OS315B22PDN1P	1SCA022858R1570	20	Switch fuse, plug in, bottom out connection (PD)
OS315B22PDN2P	1SCA022858R1650	20	Switch fuse, plug in, bottom out connection (PD)
OS315B22PL5N1P	1SCA022858R0920	23	Switch fuse, plug in, left out connection (PL)
OS315B22PL5N2P	1SCA022858R1060	23	Switch fuse, plug in, left out connection (PL)
OS315B22PLN1P	1SCA022858R0760	23	Switch fuse, plug in, left out connection (PL)
OS315B22PLN2P	1SCA022858R0840	23	Switch fuse, plug in, left out connection (PL)
OS315B22PR5N1P	1SCA022858R0090	22	Switch fuse, plug in, right out connection (PR)
OS315B22PR5N2P	1SCA022858R0170	22	Switch fuse, plug in, right out connection (PR)
OS315B22PRN1P	1SCA022857R9830	22	Switch fuse, plug in, right out connection (PR)
OS315B22PRN2P	1SCA022857R9910	22	Switch fuse, plug in, right out connection (PR)
OS315B22UBN2P	1SCA102246R1001	26	Switch fuse, top in, back out connection (UB)
OS315B22URN1P	1SCA022854R9760	28	Switch fuse, top in, right out connection (UR)
OS315B22URN2P	1SCA022854R9840	28	Switch fuse, top in, right out connection (UR)
OS32B12A1PD	1SCA022537R6950	20	Switch fuse, plug in, bottom out connection (PD)



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OS32B12A2PD	1SCA022537R7250	20	Switch fuse, plug in, bottom out connection (PD)
OS32B21CPD	1SCA022693R7270	21	Switch fuse, plug in, bottom out connection (PD)
OS32B21CPD0	1SCA022693R7350	21	Switch fuse, plug in, bottom out connection (PD)
OS32B21PD	1SCA022693R6710	20	Switch fuse, plug in, bottom out connection (PD)
OS32B22A1PDN1	1SCA022537R7090	20	Switch fuse, plug in, bottom out connection (PD)
OS32B22A2PDN1	1SCA022537R7330	20	Switch fuse, plug in, bottom out connection (PD)
OS32B22CPD0N2	1SCA022694R0310	21	Switch fuse, plug in, bottom out connection (PD)
OS32B22CPDN2	1SCA022694R0490	21	Switch fuse, plug in, bottom out connection (PD)
OS32B22PDN2	1SCA022693R6970	20	Switch fuse, plug in, bottom out connection (PD)
OS32D21CPD	1SCA022693R3360	10	Switch fuse, plug in, bottom out connection (PD)
OS32D21CPD0	1SCA022693R3610	10	Switch fuse, plug in, bottom out connection (PD)
OS32D21PD	1SCA022693R5310	9	Switch fuse, plug in, bottom out connection (PD)
OS32D21PD0	1SCA022693R5490	9	Switch fuse, plug in, bottom out connection (PD)
OS32D22CPD0N2	1SCA022694R0060	10	Switch fuse, plug in, bottom out connection (PD)
OS32D22CPDN2	1SCA022693R3440	10	Switch fuse, plug in, bottom out connection (PD)
OS32D22PD0N2	1SCA022693R5650	9	Switch fuse, plug in, bottom out connection (PD)
OS32D22PDN2	1SCA022693R5570	9	Switch fuse, plug in, bottom out connection (PD)
OS400B03BBP	1SCA102252R1001	25	Switch fuse, back in, back out connection (BB)
OS400B03BDP	1SCA102251R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B03UBP	1SCA102240R1001	26	Switch fuse, top in, back out connection (UB)
OS400B04BBN2P	1SCA102248R1001	25	Switch fuse, back in, back out connection (BB)
OS400B04BDN2P	1SCA102245R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B04UBN2P	1SCA102262R1001	26	Switch fuse, top in, back out connection (UB)
OS400B12BBP	1SCA102254R1001	25	Switch fuse, back in, back out connection (BB)
OS400B12BDP	1SCA102256R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B12BLP	1SCA022855R1820	27	Switch fuse, back in, left out connection (BL)
OS400B12BRP	1SCA022854R1430	27	Switch fuse, back in, right out connection (BR)
OS400B12DLP	1SCA022855R2210	29	Switch fuse, bottom in, left out connection (DL)
OS400B12LRP	1SCA022855R1400	30	Switch fuse, left in, right out connection (LR)
OS400B12PD5P	1SCA022860R9170	21	Switch fuse, plug in, bottom out connection (PD)
OS400B12PDP	1SCA022860R8790	20	Switch fuse, plug in, bottom out connection (PD)
OS400B12PL5P	1SCA022858R3350	23	Switch fuse, plug in, left out connection (PL)
OS400B12PLP	1SCA022858R3190	23	Switch fuse, plug in, left out connection (PL)

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OS400B12PR5P	1SCA022858R2540	22	Switch fuse, plug in, right out connection (PR)
OS400B12PRP	1SCA022858R2380	22	Switch fuse, plug in, right out connection (PR)
OS400B12UBP	1SCA102261R1001	26	Switch fuse, top in, back out connection (UB)
OS400B12URP	1SCA022855R1070	28	Switch fuse, top in, right out connection (UR)
OS400B21BDP	1SCA105610R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B21BLP	1SCA022855R1910	27	Switch fuse, back in, left out connection (BL)
OS400B21BRP	1SCA022854R1510	27	Switch fuse, back in, right out connection (BR)
OS400B21DLP	1SCA022855R2390	29	Switch fuse, bottom in, left out connection (DL)
OS400B21LRP	1SCA022855R1580	30	Switch fuse, left in, right out connection (LR)
OS400B21PD5P	1SCA022860R9250	21	Switch fuse, plug in, bottom out connection (PD)
OS400B21PDP	1SCA022860R8870	20	Switch fuse, plug in, bottom out connection (PD)
OS400B21PL5P	1SCA022858R3430	23	Switch fuse, plug in, left out connection (PL)
OS400B21PLP	1SCA022858R3270	23	Switch fuse, plug in, left out connection (PL)
OS400B21PR5P	1SCA022858R2620	22	Switch fuse, plug in, right out connection (PR)
OS400B21PRP	1SCA022858R2460	22	Switch fuse, plug in, right out connection (PR)
OS400B21URP	1SCA022855R1150	28	Switch fuse, top in, right out connection (UR)
OS400B22BBN2P	1SCA102263R1001	25	Switch fuse, back in, back out connection (BB)
OS400B22BDN1P	1SCA105611R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B22BDN2P	1SCA102258R1001	24	Switch fuse, back in, bottom out connection (BD)
OS400B22BLN1P	1SCA022855R3010	27	Switch fuse, back in, left out connection (BL)
OS400B22BLN2P	1SCA022855R3100	27	Switch fuse, back in, left out connection (BL)
OS400B22BRN1P	1SCA022854R2080	27	Switch fuse, back in, right out connection (BR)
OS400B22BRN2P	1SCA022854R2160	27	Switch fuse, back in, right out connection (BR)
OS400B22DLN1P	1SCA022855R3440	29	Switch fuse, bottom in, left out connection (DL)
OS400B22DLN2P	1SCA022855R3610	29	Switch fuse, bottom in, left out connection (DL)
OS400B22LRP	1SCA022855R2710	30	Switch fuse, left in, right out connection (LR)
OS400B22PD5N1P	1SCA022860R9330	21	Switch fuse, plug in, bottom out connection (PD)
OS400B22PD5N2P	1SCA022860R9410	21	Switch fuse, plug in, bottom out connection (PD)
OS400B22PDN1P	1SCA022860R8950	20	Switch fuse, plug in, bottom out connection (PD)
OS400B22PDN2P	1SCA022860R9090	20	Switch fuse, plug in, bottom out connection (PD)
OS400B22PL5N1P	1SCA022858R5300	23	Switch fuse, plug in, left out connection (PL)
OS400B22PL5N2P	1SCA022858R5480	23	Switch fuse, plug in, left out connection (PL)
OS400B22PLN1P	1SCA022858R5130	23	Switch fuse, plug in, left out connection (PL)



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OS400B22PLN2P	1SCA022858R5210	23	Switch fuse, plug in, left out connection (PL)
OS400B22PR5N1P	1SCA022858R4590	22	Switch fuse, plug in, right out connection (PR)
OS400B22PR5N2P	1SCA022858R4670	22	Switch fuse, plug in, right out connection (PR)
OS400B22PRN1P	1SCA022858R4320	22	Switch fuse, plug in, right out connection (PR)
OS400B22PRN2P	1SCA022858R4410	22	Switch fuse, plug in, right out connection (PR)
OS400B22UBN2P	1SCA102268R1001	26	Switch fuse, top in, back out connection (UB)
OS400B22URN1P	1SCA022855R2470	28	Switch fuse, top in, right out connection (UR)
OS400B22URN2P	1SCA022855R2550	28	Switch fuse, top in, right out connection (UR)
OS400D03BBP	1SCA102260R1001	15	Switch fuse, back in, back out connection (BB)
OS400D03BDP	1SCA102265R1001	13	Switch fuse, back in, bottom out connection (BD)
OS400D03UBP	1SCA102270R1001	17	Switch fuse, top in, back out connection (UB)
OS400D04BBN2P	1SCA102289R1001	15	Switch fuse, back in, back out connection (BB)
OS400D04BDN2P	1SCA102285R1001	13	Switch fuse, back in, bottom out connection (BD)
OS400D04UBN2P	1SCA102275R1001	17	Switch fuse, top in, back out connection (UB)
OS400D12BBP	1SCA102280R1001	15	Switch fuse, back in, back out connection (BB)
OS400D12BDP	1SCA102276R1001	13	Switch fuse, back in, bottom out connection (BD)
OS400D12BLP	1SCA022853R2610	14	Switch fuse, back in, left out connection (BL)
OS400D12BRP	1SCA022853R1470	14	Switch fuse, back in, right out connection (BR)
OS400D12DLP	1SCA022853R3090	18	Switch fuse, bottom in, left out connection (DL)
OS400D12LRP	1SCA022853R2280	19	Switch fuse, left in, right out connection (LR)
OS400D12PD5P	1SCA022856R3320	10	Switch fuse, plug in, bottom out connection (PD)
OS400D12PDP	1SCA022856R3160	9	Switch fuse, plug in, bottom out connection (PD)
OS400D12PL5P	1SCA022856R2510	12	Switch fuse, plug in, left out connection (PL)
OS400D12PLP	1SCA022856R2350	12	Switch fuse, plug in, left out connection (PL)
OS400D12PR5P	1SCA022856R1710	11	Switch fuse, plug in, right out connection (PR)
OS400D12PRP	1SCA022856R1540	11	Switch fuse, plug in, right out connection (PR)
OS400D12UBP	1SCA102282R1001	17	Switch fuse, top in, back out connection (UB)
OS400D12URP	1SCA022853R1800	16	Switch fuse, top in, right out connection (UR)
OS400D21BLP	1SCA022853R2790	14	Switch fuse, back in, left out connection (BL)
OS400D21BRP	1SCA022853R1550	14	Switch fuse, back in, right out connection (BR)
OS400D21DLP	1SCA022853R3170	18	Switch fuse, bottom in, left out connection (DL)
OS400D21LRP	1SCA022853R2360	19	Switch fuse, left in, right out connection (LR)
OS400D21PD5P	1SCA022856R3410	10	Switch fuse, plug in, bottom out connection (PD)

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OS400D21PDP	1SCA022856R3240	9	Switch fuse, plug in, bottom out connection (PD)
OS400D21PL5P	1SCA022856R2600	12	Switch fuse, plug in, left out connection (PL)
OS400D21PLP	1SCA022856R2430	12	Switch fuse, plug in, left out connection (PL)
OS400D21PR5P	1SCA022856R1890	11	Switch fuse, plug in, right out connection (PR)
OS400D21PRP	1SCA022856R1620	11	Switch fuse, plug in, right out connection (PR)
OS400D21URP	1SCA022853R1980	16	Switch fuse, top in, right out connection (UR)
OS400D22BBN2P	1SCA102283R1001	15	Switch fuse, back in, back out connection (BB)
OS400D22BDN2P	1SCA102284R1001	13	Switch fuse, back in, bottom out connection (BD)
OS400D22BLN1P	1SCA022853R4490	14	Switch fuse, back in, left out connection (BL)
OS400D22BLN2P	1SCA022853R4570	14	Switch fuse, back in, left out connection (BL)
OS400D22BRN1P	1SCA022853R3410	14	Switch fuse, back in, right out connection (BR)
OS400D22BRN2P	1SCA022853R3500	14	Switch fuse, back in, right out connection (BR)
OS400D22DLN1P	1SCA022853R4810	18	Switch fuse, bottom in, left out connection (DL)
OS400D22DLN2P	1SCA022853R4900	18	Switch fuse, bottom in, left out connection (DL)
OS400D22LRP	1SCA022853R4140	19	Switch fuse, left in, right out connection (LR)
OS400D22PD5N1P	1SCA022856R5700	10	Switch fuse, plug in, bottom out connection (PD)
OS400D22PD5N2P	1SCA022856R5880	10	Switch fuse, plug in, bottom out connection (PD)
OS400D22PDN1P	1SCA022856R5530	9	Switch fuse, plug in, bottom out connection (PD)
OS400D22PDN2P	1SCA022856R5610	9	Switch fuse, plug in, bottom out connection (PD)
OS400D22PL5N1P	1SCA022856R4990	12	Switch fuse, plug in, left out connection (PL)
OS400D22PL5N2P	1SCA022856R5020	12	Switch fuse, plug in, left out connection (PL)
OS400D22PLN1P	1SCA022856R4720	12	Switch fuse, plug in, left out connection (PL)
OS400D22PLN2P	1SCA022856R4810	12	Switch fuse, plug in, left out connection (PL)
OS400D22PR5N1P	1SCA022856R4130	11	Switch fuse, plug in, right out connection (PR)
OS400D22PR5N2P	1SCA022856R4210	11	Switch fuse, plug in, right out connection (PR)
OS400D22PRN1P	1SCA022856R3910	11	Switch fuse, plug in, right out connection (PR)
OS400D22PRN2P	1SCA022856R4050	11	Switch fuse, plug in, right out connection (PR)
OS400D22UBN2P	1SCA102281R1001	17	Switch fuse, top in, back out connection (UB)
OS400D22URN1P	1SCA022853R3840	16	Switch fuse, top in, right out connection (UR)
OS400D22URN2P	1SCA022853R3920	16	Switch fuse, top in, right out connection (UR)
OS40D12000PD	1SCA022695R7200	9	Switch fuse, plug in, bottom out connection (PD)
OS40D22000PDN1	1SCA022695R7380	9	Switch fuse, plug in, bottom out connection (PD)
OS63B21CPD	1SCA022693R7510	21	Switch fuse, plug in, bottom out connection (PD)



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OS63B21CPD0	1SCA022693R7430	21	Switch fuse, plug in, bottom out connection (PD)
OS63B21PD	1SCA022608R8600	20	Switch fuse, plug in, bottom out connection (PD)
OS63B22CPD0N2	1SCA022694R0220	21	Switch fuse, plug in, bottom out connection (PD)
OS63B22CPDN2	1SCA022694R0140	21	Switch fuse, plug in, bottom out connection (PD)
OS63B22PDN2	1SCA022608R8780	20	Switch fuse, plug in, bottom out connection (PD)
OS63D21CPD	1SCA022689R9240	10	Switch fuse, plug in, bottom out connection (PD)
OS63D21CPD0	1SCA022652R6720	10	Switch fuse, plug in, bottom out connection (PD)
OS63D21PD	1SCA022608R7970	9	Switch fuse, plug in, bottom out connection (PD)
OS63D21PD0	1SCA022608R7110	9	Switch fuse, plug in, bottom out connection (PD)
OS63D22CPD0N2	1SCA022693R9990	10	Switch fuse, plug in, bottom out connection (PD)
OS63D22CPDN2	1SCA022693R3520	10	Switch fuse, plug in, bottom out connection (PD)
OS63D22PD0N2	1SCA022608R8270	9	Switch fuse, plug in, bottom out connection (PD)
OS63D22PDN2	1SCA022608R8010	9	Switch fuse, plug in, bottom out connection (PD)
OSD25P3	1SCA022192R9060	42	Blown fuse indicator (DPMM)
OSD25P4	1SCA022196R9520	42	Blown fuse indicator (DPMM)
OSN 160	1SCA022560R2390	37	Neutral link
OSN 160W	1SCA022561R0810	37	Neutral link
OSP200B	1SCA022735R9180	37	Fourth pole
OSP200D	1SCA022735R8960	37	Fourth pole
OSP200N	1SCA022735R8700	37	Fourth pole
OSP250B	1SCA022770R4030	37	Fourth pole
OSP250D	1SCA022735R9340	37	Fourth pole
OSP250N	1SCA022735R9260	37	Fourth pole
OSP400B	1SCA022770R3140	37	Fourth pole
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OSP4D	1SCA022472R7630	37	Fourth pole
OSP4N	1SCA022472R7710	37	Fourth pole
OSS160G3	1SCA022556R1420	38	Terminal shroud
OSS160T1	1SCA022502R8830	38	Terminal shroud
OSS160T1L	1SCA022556R1260	38	Terminal shroud
OSS200G1L/3	1SCA022731R8910	38	Terminal shroud
OSS200G1L/4	1SCA022731R9040	38	Terminal shroud
OSS200G1S/3	1SCA022732R0130	38	Terminal shroud
OSS200G1S/4	1SCA022732R0050	38	Terminal shroud
OSS250G1L/3	1SCA022731R9390	38	Terminal shroud
OSS250G1L/4	1SCA022731R9470	38	Terminal shroud
OSS250G1LH/3	1SCA100404R1001	38	Terminal shroud
OSS250G1LH/4	1SCA100415R1001	38	Terminal shroud
OSS250G1S/3	1SCA022731R9550	38	Terminal shroud
OSS250G1S/4	1SCA022731R9630	38	Terminal shroud
OSS250G1SH/3	1SCA100401R1001	38	Terminal shroud
OSS250G1SH/4	1SCA100420R1001	38	Terminal shroud
OSS400G1L/3	1SCA022776R6650	38	Terminal shroud
OSS400G1L/4	1SCA022776R6730	38	Terminal shroud
OSS400G1LH/3	1SCA100408R1001	38	Terminal shroud
OSS400G1LH/4	1SCA100406R1001	38	Terminal shroud
OSS400G1S/3	1SCA022776R6900	38	Terminal shroud
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OSS400G1SH/4	1SCA100411R1001	38	Terminal shroud

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OSS400G3SS	1SCA100390R1001	38	Terminal shroud
OSS400G4LSL	1SCA100398R1001	38	Terminal shroud
OSS400G4LSR	1SCA100400R1001	38	Terminal shroud
OSS400G4SSL	1SCA100392R1001	38	Terminal shroud
OSS400G4SSR	1SCA100394R1001	38	Terminal shroud
OSS63B1	1SCA022645R8460	42	Protection plug
OSS63G1	1SCA022533R6730	38	Terminal shroud
OSV200BK	1SCA022779R7530	32	Direct mounted handle
OSV250DK	1SCA022763R3510	32	Direct mounted handle
OSV400BK	1SCA022763R3930	32	Direct mounted handle
OSV400DK	1SCA022763R4230	32	Direct mounted handle
OSVY200BK	1SCA022779R7700	32	Direct mounted handle
OSVY250DK	1SCA022778R6500	32	Direct mounted handle
OSVY400BK	1SCA022779R5830	32	Direct mounted handle
OSVY400DK	1SCA022779R5590	32	Direct mounted handle
OSZ1	1SCA022481R3710	37	Neutral link
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OSZ4	1SCA022530R0200	35	Mounting frame
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OSZX3	1SCA101224R1001	42	Blown fuse indicator (DPMM)
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OTZW26	1SCA022778R7060	40	By-pass switch mechanism
OWC5DSH1	1SCA022190R9620	40	Change-over switch mechanism
OWC5DSH2	1SCA022208R4460	40	Change-over switch mechanism
OWM5DS1	1SCA022191R0040	40	Mechanical interlock mechanism
OWM5DS2	1SCA022208R4620	40	Mechanical interlock mechanism
OWP5DS1	1SCA022190R9890	40	6 pole switch mechanism
OWP5DS2	1SCA022208R4200	40	8 pole switch mechanism
OXN250	1SCA022752R9950	37	Neutral link
OXN400	1SCA022770R3060	37	Neutral link
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EXP12X280	1SCA022137R5140	34	Shaft
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EXP12X325	1SCA022042R5810	34	Shaft
EXP12X325-45	1SCA022304R4450	34	Shaft
EXP12X395	1SCA022042R5990	34	Shaft
EXP12X465	1SCA022042R6020	34	Shaft
EXP12X535	1SCA022042R6110	34	Shaft
EXP5X150	1SCA022376R7300	33	Shaft
EXP5X150-45	1SCA022474R1970	33	Shaft
EXP5X170	1SCA022376R7480	33	Shaft
EXP5X170-45	1SCA022474R2270	33	Shaft
EXP5X265	1SCA022376R7560	33	Shaft
EXP5X265-45	1SCA022474R2010	33	Shaft
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EXP6X210-45	1SCA022294R4230	33	Shaft
EXP6X290	1SCA022042R6370	33	Shaft
EXP6X290-45	1SCA022304R4290	33	Shaft
EXP6X360	1SCA022042R6530	33	Shaft
EXP6X360-45	1SCA022341R4640	33	Shaft
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OZXA14	1SCA022008R7810	39	Terminal clamp set



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