



Breakers and Switches

Switch fuses OS and OSM

Switch fuses

OS and OSM 20...1250

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Switch fuses 20...1250 Amperes

Manual operation



Switch size [A]	20	25	30	32	35	40	32	50	60	63	100	125	160	100	200	250
DIN	-					OS40FD					OS32GD			OS125GD		OS200D
	-										OS63GD			OS160GD		OS250D
BS	OS20FB										OS32GB			OS100GB		OS200B
	OS32FB										OS63GB			OS125GB		OS250B
														OS160GB		
NFC	OS25FF										OS50GF			OS125GF		
	OS32FF															
UL98 File # E101914	OS30FACC										OS60GJ			OS100GJ		
	OS30FAJ															
AC23/400 V [kW]	11		15	15		18.5	15	22	30		55	75			110	140
AC23/415 V [kW]	7.5		15				15		30		55	55	75		110	145
480 V [HP]		15						30						60		
600 V [HP]		20						50						75		



Switch size [A]	200	315	400	600	630	800	1200	1250
DIN		OS400D		OS630D			OS1250D	
				OS800D				
BS		OS315B		OS630B			OS1250B	
		OS400B		OS800B				
UL98 File # E101914	OS200J	OS400J		OS600J			OS1200L	
				OS800L				
AC23/400 V [kW]		230		355	450		560	
AC23/415 V [kW]		180	230	355	450		560	
480 V [HP]	150	250		400	500		-	
600 V [HP]	200	250		500	600		-	

Switch fuses 20...1250 Amperes

Motor operation



Switch size [A]	32 50 63	100 125 160	200 250
DIN	OSM32GD	OSM125GD	OSM200D
	OSM63GD	OSM160GD	OSM250D
BS	OSM32GB	OSM100GB	OSM200B
	OSM63GB	OSM125GB	OSM250B
		OSM160GB	



Switch size [A]	315 400	630 800	1250
DIN	OSM400D	OSM630D	OSM1250D
		OSM800D	
BS	OSM315B	OSM630B	OSM1250B
	OSM400B	OSM800B	

Switch fuses

Designed for extreme conditions



Reduced testing and design costs

Tested type 2 co-ordination tables for motor protection are available. This enables a fast and easy selection of motor control devices.

(<http://applications.it.abb.com/SOC/Page/Selection.aspx>)

Easy installation and design of panels

Thanks to a modular structure the mechanism and poles can be placed according to installation requirements. The shaft is adjustable for a range of installation depths.

Save money and installation space

OS switch fuses are compact, allowing installation in smaller enclosures. Lightweight structure saves money by reducing installation time.

High protection and reliability

Contact design enables rapid fault clearance and maintains protection level even after fault occurs.

Technical data, IEC

Switch fuses OS20...40 and OS32G

Technical data according to IEC 60947-3		Switch size	A	OS (Mini) 20	OS (Mini) 25	OS (Mini) 32	OS (Mini) 40	OS_ 32G
Rated insulation voltage	Pollution degree 3		V	1 000	1 000	1 000	1 000	1 000
Dielectric strength		50 Hz 1min.	kV	10	10	10	10	10
Rated impulse withstand voltage			kV	12	12	12	12	12
Rated thermal current in ambient 35 °C and temporarily 40 °C ⁴⁾ / max. fuse power dissipation ¹⁾	In open air		A/W	20/3.5	25/3.5	32/3.5	40/4.5	32/7.5
	In enclosure ²⁾		A/W	20/3.5	25/3.5	32/3.5	40/4.5	32/7.5
...with minimum cable cross section	In enclosure with solid links	Cu	A	32	32	32	40	
			mm ²	2.5	4	6	10	6
Rated operational voltage AC-20 and DC-20			V	1 000	1 000	1 000	1 000	1 000
Rated operational current, AC-21A		up to 500 V	A	20	25	32	40	32
		690 V	A	20	25	32	40	32
Rated operational current, AC-22A		up to 500 V	A	20	25	32	40	32
		690 V	A	20	25	32	40	32
Rated operational current, AC-23A		up to 500 V	A	20	25	32	40	32
		690 V	A	20	25	32	40	32
Rated operational current / poles in series DC-21A		48 V	A	20/2	25/2	32/2	32/2	32/2
		110-220 V	A	20/2	25/2	32/2	32/2	32/2*
		440 V	A	20/4	25/4	25/4	32/4	32/4*
Rated operational current / poles in series DC-22A		48 V	A	20/2	25/2	32/2	32/2	32/2
		110-220 V	A	20/2	25/2	32/2	32/2	32/2*
		440 V	A	20/4	25/4	32/4	32/4	
Rated operational current / poles in series DC-23A		48 V	A	20/2	25/2	32/2	32/2	32/2
		110-220 V	A	20/2	25/2	32/2	32/2	32/2*
		440 V	A	20/4	25/4	32/4	32/4	
Rated operational power, AC-23 ³⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	5.5	5.5	7.5	11	7.5
		400 V	kW	7.5	11	15	18.5	15
		415 V	kW	7.5	11	15	18.5	15
		500 V	kW	11	15	18.5	22	18.5
		690 V	kW	15	22	22	30	22
Rated breaking capacity in category AC-23		≤ 690 V	A	256	256	256	320	504
Rated breaking capacity / poles in series in category DC-23		up to 220 V	A	128/2	128/2	128/2	128/2	252/2
		440 V	A	128/4	128/4	128/4	128/4	
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current Î _c	at prospective SC-current	80 kA, 415 V	kA	9	9	9	9	13.5
	Max. OFA _{max} fuse size gG / aM		A					80/63
	at prospective SC-current	100 kA, 500 V	kA	8	8	8	8	12.5
	Max. OFA _{max} fuse size gG / aM		A					63/50
The cut-off current Î _c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269).	at prospective SC-current	50 kA, 690 V	kA	7	7	7	7	9.5
	Max. OFA _{max} fuse size gG / aM		A					63/50
	at prospective SC-current	80 kA, 690 V	kA	7.5	7.5	7.5	7.5	11.5
	Max. OFA _{max} fuse size gG / aM		A					50/50
Rated short-time withstand current, 1 s.	r.m.s. -value		kA	1	1	1	1	2.5
Rated capacitor power when no initial charge on the capacitor	The capacitor rating of the switch-fuse is limited by the fuse link.	400 V	kVAr	10	12.5	15	15	15
		415 V	kVAr	10	12	15	15	15
		690 V	kVAr	15	20	25	25	25
Power loss / pole	With rated current, without fuse		W	1.3	1.3	2	3.5	1
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000	20 000	20 000	20 000	20 000
Fuse types, IEC 60269-2-1	DIN 43620						000	000
	NFC 63210, 63211				10x38	14x51		
	BS 88-2, -6 -size / distance of fuse-link bolts		mm	A1 M4/44.5		A1, A2 M4/44.5 (A1) M4/73 (A2)		A2-A3 ⁵⁾ M5/73
Cable size		Cu	mm ²	0.75...10	0.75...10	0.75...10	0.75...10	2.5...25
Terminal tightening torque	Counter torque required		Nm	2	2	2	2	3/4 ⁶⁾
Fuse-links bolts tightening torque			Nm	2		2		3.5
Operating torque	Typical for 3-pole switch fuses		Nm	3	3	3	3	5

* = Utilization category B

¹⁾ Ambient temperature 60°C: derating 20%. Mounting on "ceiling": derating 10%

²⁾ OS160G: Mounting on wall, horizontal fuses: derating 5%

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

⁴⁾ Acc. to IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C. Category B: -5°C...-35°C

⁵⁾ Max. fuse body diam. 22 mm

⁶⁾ 3 Nm with cable sizes 2.5...6 mm²,

4 Nm with cable sizes 10...25 mm²

Technical data, IEC

Switch fuses OS50...160G

Technical data according to IEC 60947-3		Switch size	A	OS_50G	OS_63G	OS_100G	OS_125G	OS_160G
Rated insulation voltage	Pollution degree 3	50 Hz 1min.	V	1 000	1 000	1 000	1 000	1 000
Dielectric strength			kV	10	10	10	10	10
Rated impulse withstand voltage			kV	12	12	8	8	8
Rated thermal current in ambient	In open air		A/W	50/7.5	63/7.5	100/12	125/12	160/12
35 °C and temporarily 40 °C ⁵⁾ / max. fuse power dissipation ¹⁾	In enclosure ²⁾		A/W	50/7.5	63/7.5	100/12	125/12	160/12
...with minimum cable cross section		Cu	mm ²	10	16	50	50	70
Rated operational voltage AC-20 and DC-20			V	1 000	1 000	1 000	1 000	1 000
Rated operational current, AC-21A		up to 500 V	A	50	63	100	125	160
		690 V	A	50	63	100	125	160
Rated operational current, AC-22A		up to 500 V	A	50	63	100	125	160
		690 V	A	50	63	100	125	160
Rated operational current, AC-23A		up to 500 V	A	50	63	100	125	160
		690 V	A	50	63	100	125	160
Rated operational current / poles in series DC-21A		48 V	A	50/2	63/2	100/2	125/2	160/2
		110-220 V	A	50/2*	63/2*	100/2*	125/2*	125/2*
		440 V	A	50/4*	50/4*	100/4*	125/4*	125/4*
Rated operational current / poles in series DC-22A		48 V	A	50/2	63/2	100/2	125/2	160/2
		110-220 V	A	50/2*	63/2*	100/2*	125/2*	125/2*
Rated operational current / poles in series DC-23A		48 V	A	50/2	63/2	100/2	125/2	160/2
		110-220 V	A	50/2*	63/2*	100/2*	125/2*	125/2*
Rated operational power, AC-23 ⁴⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	11	18.5	30	37	45
		400 V	kW	22	30	55	55	75
		415 V	kW	22	30	55	55	75
		500 V	kW	30	37	55	75	90
		690 V	kW	37	55	90	110	132
Rated breaking capacity in category AC-23		≤ 690 V	A	504	504	1280	1280	1280
Rated breaking capacity / poles in series in category DC-23		up to 220 V	A	252/2	252/2	640/2	640/2	640/2
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current î _c	at prospective SC-current	80 kA, 415 V	kA	13.5	13.5	23.5	23.5	23.5
	Max. OFA_ fuse size gG / aM		A	80/63	80/63	160/160	160/160	160/160
	at prospective SC-current	100 kA, 500 V	kA	12.5	12.5	25.5	25.5	25.5
	Max. OFA_ fuse size gG / aM		A	63/50	63/50	160/160	160/160	160/160
The cut-off current î _c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269).	at prospective SC-current	50 kA, 690 V	kA	9.5	9.5	17.5	17.5	17.5
	Max. OFA_ fuse size gG / aM		A	63/50	63/50	125/160	125/160	125/160
	at prospective SC-current	80 kA, 690 V	kA	11.5	11.5	20.5	20.5	20.5
	Max. OFA_ fuse size gG / aM		A	50/50	50/50	125/160	125/160	125/160
Rated short-time withstand current, 1 s.	r.m.s. -value		kA	2.5	2.5	5	5	5
Rated capacitor power when no initial charge on the capacitor	The capacitor rating of the switch-fuse is limited by the fuse link.	400 V	kVAr	20	25	40	50	60
		415 V	kVAr	25	32	42	55	65
		690 V	kVAr	42	50	75	90	100
Power loss / pole	With rated current, without fuse		W	2.5	4	4	5	9
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000	20 000	20 000	16 000	16 000
Fuse types, IEC 60269-2-1	DIN 43620				000		000, 00	000, 00
	NFC 63210, 63211			14x51			22x58	
	BS 88-2, -6 -size / distance of fuse-link bolts		mm		A2-A3 ³⁾ M5/73	A2-A4 ³⁾ M5/73, M8/94	A2-A4 ³⁾ M5/73, M8/94	A2-A4 ³⁾ M5/73, M8/94
			mm					
Cable size		Cu	mm ²	2.5...25	2.5...25			
Terminal tightening torque	Counter torque required		Nm	3/4 ⁷⁾	3/4 ⁷⁾	15-22	15-22	15-22
Fuse-links bolts tightening torque			Nm		3.5	M5:3.5 M8:5	M5:3.5 M8:5	M5:3.5 M8:5
Operating torque	Typical for 3-pole switch fuses		Nm	5	5	7	7	7

* = Utilization category B

¹⁾ Ambient temperature 60°C: derating 20%. Mounting on "ceiling": derating 10%

²⁾ OS160G: Mounting on wall, horizontal fuses: derating 5%

³⁾ Max. fuse body diam. 32 mm

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

⁵⁾ Acc. to IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C. Category B: -5°C...-35°C

⁶⁾ Max. fuse body diam. 22 mm

⁷⁾ 3 Nm with cable sizes 2.5...6 mm²,

4 Nm with cable sizes 10...25 mm²

Technical data, IEC

Switch fuses OS/OSM200...1250

Technical data according to IEC 60947-3		Switch size	A	OS_ 200GB	OS_ 200_	OS_ 250_	OS_ 315_	OS_ 400_
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3		V	1 000	1000	1 000	1 000	1 000
Dielectric strength		50 Hz 1min.	kV	10	10	10	10	10
Rated impulse withstand voltage			kV	8	12	12	12	12
Rated thermal current in ambient 35 °C and temporarily 40 °C ³⁾ / max. fuse power dissipation	In open air		A/W	200/14	200/17	250/23	315/32	400/45
...with minimum cable cross section	In enclosure		A/W	200/14	200/15	250/20	315/32	400/30
		Cu	mm ²	70	95	120	185	240
Derating, mounting on wall horizontal fuses	In open air or ventilated enclosure		%	0	0	0	0	4
	Totally enclosed		%	5	5	5	5	8
Derating, mounting on ceiling			%	10	10	10	10	10
Derating at 60 °C	In open air / in enclosure		%	20/20	20/20	20/20	20/20	20/20
Rated operational current AC-22B		≤ 415 V	A	200				
Rated operational current AC-21A		≤ 500 V	A	160	200	250	315	400
		690 V	A	160	200	250	315	400
Rated operational current AC-22A		≤ 415 V	A	160	200	250	315	400
		500 V	A	160	200	250	315	400
		690 V	A	160	200	250	315	400
Rated operational current AC-23A		≤ 415 V	A	160	200	250	315	400
		500 V	A	160	200	250	315	400
		690 V	A	160	200	250	315	400
Rated operational current / poles in series DC-21A, DC-22A and DC-23A		≤ 220 V	A	125/2 ⁶⁾	200/1	250/1	315/2	400/2
		440 V	A	125/4 ⁶⁾	200/2	250/2	315/3 ⁴⁾	400/3 ⁴⁾
		660 V	A		200/3	250/3	315/4 ⁴⁾	400/4 ⁴⁾
		750 V	A		180/4	230/4	315/4 ⁴⁾	400/4 ⁴⁾
		880 V	A		180/4	230/4		
Rated operational power AC-23 ¹⁾		230 V	kW	45	60	75	100	132
		400 V	kW	75	110	140	160	220
		415 V	kW	75	110	145	180	230
		500 V	kW	90	132	170	220	280
		690 V	kW	132	200	250	315	400
Rated breaking capacity AC-23		≤ 690 V	A	1280	1600	2000	3200	3200
Rated conditional short-circuit current I _{sc} (r.m.s.)	at prospective SC-current	80 kA, 415 V	kA	23.5	35	40.5		59
	Max. OFA_fuse size gG/aM		A	160/160	250/200	355/315		500/500
and corresponding max. allowed cut-off current I _c	at prospective SC-current	100 kA, 500 V	kA	25.5	37.5	37.5		63.5
	Max. OFA_fuse size gG/aM		A	160/160	250/200	250/250		500/500
	at prospective SC-current	80 kA, 690 V	kA	20.5	25	32.5		46
	Max. OFA_fuse size gG/aM		A	125/160	160/	200/250		315/400
The cut-off current I _c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269).	at prospective SC-current	50 kA, 415 V	kA	17.5	28	28	44	44
	Max. BS fuse size gG/gM		A	125/160	200/200M315	250/200M315	400/400M500	400/400M500
	at prospective SC-current	80 kA, 690 V	kA	20.5	28	28	48	48
	Max. BS fuse size gG/gM		A	125/160	200/200M250	250/200M250	400/400M450	400/400M450
Rated short-time withstand current, 1s.	r.m.s. -value		kA	5	8	8	14	14
	Max. distance from switch frame to nearest busbar/cable support		mm	150	150	150	150	150
Rated capacitor power when no initial charge of the capacitor	The capacitor ratings of the switch-fuses are limited by the fuse links	400 V	kVAr	60	90	105	145	180
		415 V	kVAr	65	100	115	160	200
		500 V	kVAr		120	135	175	215
		690 V	kVAr	100	160	190	250	325
Power loss / pole	With rated current, without fuse		W	9	8	13	19	30
Mechanical endurance	Divide by two for operation cycles		Oper.	16 000	20 000	20 000	16 000	16 000
Fuse types, IEC 60269-2	Sec. I, DIN 43620				0	0-1		0-2
	Sec. IA, NFC 0-3 Ref.A, 4a Ref.B				1	1		2
	Sec. II, BS 88			A2-A4	B1-B2	B1-B3 ³⁾	B1-B4 ³⁾	B1-B4 ³⁾
	Size / distance of fuse-link bolts		mm	M5/73, M8/94	M6/111	M8/111	M8/111	M8/111
Terminal tightening torque	Counter torque required		Nm	15-22	15-22	30-44	30-44	30-44
Fuse-links bolts tightening torque			Nm	M5:3.5 M8:5	4	5	20	20
Operating torque	Typical for 3-pole switch fuses		Nm	7	7	7	19	19

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

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

⁴⁾ Category B

⁵⁾ Acc. to IEC 60957-2, IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C. Category B: -5°C...-35°C

⁶⁾ Utilization category DC21-B

Technical data, IEC

Switch fuses OS/OSM200...1250

Technical data according to IEC 60947-3		Switch size	A	OS_ 630_	OS_ 800_	OS_ 1250_
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3		V	1000	1000	1000
Dielectric strength		50 Hz 1min.	kV	10	10	10
Rated impulse withstand voltage			kV	12	12	12
Rated thermal current in ambient 35 °C and temporarily in 40 °C ³⁾ / max. fuse power dissipation	In open air		A/W	630/60	800/65	1250/110
...with minimum cable cross section	In enclosure	Cu	A/W	570/50	720/55	1000/85
			mm ²	2 x 185	2 x 240	2 x 400
Derating, mounting on wall horizontal fuses	In open air or ventilated enclosure		%	0	4	4
Derating, mounting on 'ceiling'	Totally enclosed		%	5	8	8
Derating at 60 °C	In open air / in enclosure		%	10	10	10
Rated operational current AC-21A		≤ 500 V	A	630	800	1250 ⁴⁾
		690 V	A	630	800	1250 ⁴⁾
Rated operational current AC-22A		≤ 415 V	A	630	800	1250
		500 V	A	630	800	1250 ⁴⁾
		690 V	A	630	800	1250 ⁴⁾
Rated operational current AC-23A		≤ 415 V	A	630 ²⁾	800	1000
		500 V	A	630 ²⁾	800	1000 ⁴⁾
		690 V	A	630 ²⁾	800	1000 ⁴⁾
Rated operational current / poles in series DC-21A, DC-22A and DC-23A		≤ 220 V	A	630/1 ²⁾	800/1 ²⁾	
		440 V	A	630/2 ²⁾	800/2 ²⁾	
		660 V	A	630/3 ²⁾	720/3 ²⁾	
		750 V	A	630/4 ²⁾	720/4 ²⁾	
		880 V	A	630/4 ²⁾	720/4 ²⁾	
Rated operational power AC-23 ¹⁾		230 V	kW	200	250	315
		400 V	kW	355	450	560
		415 V	kW	355	450	560
		500 V	kW	450	560	710
		690 V	kW	630	710	1000
Rated breaking capacity AC-23		≤ 690 V	A	6400	6400	8000
Rated conditional short circuit current I _{sc} (r.m.s.) and corresponding max. allowed cut-off current I _c	at prospective SC-current	80 kA, 415 V	kA	77	77	89
	Max. OFA _{sc} fuse size gG/aM		A	800/800	800/800	1250/1250
	at prospective SC-current	100 kA, 500 V	kA	83	83	105
	Max. OFA _{sc} fuse size gG/aM		A	800/800	800/800	1250/-
The cut-off current I _c refers to values listed by fuse manufacturers (single phase test acc. to IEC60269)	at prospective SC-current	80 kA, 690 V	kA	55	55	88
	Max. OFA _{sc} fuse size gG/aM		A	500/630	500/630	1000/1000
	at prospective SC-current	50 kA, 415 V	kA	67	67	90
	Max. BS fuse size gG/gM		A			
Rated short-time withstand current, 1s.	r.m.s. -value		kA	18	18	40
	Max. distance from switch frame to nearest busbar/cable support		mm	150	150	150
Rated capacitor power when no initial charge of the capacitor	The capacitor ratings of the switch-fuses are limited by the fuse links	400 V	kVAr	250	310	440
		415 V	kVAr	270	340	460
		500 V	kVAr	300	375	550
		690 V	kVAr	450	550	750
Power loss / pole	With rated current, without fuse		W	46	75	75
Mechanical endurance	Divide by two for operation cycles		Oper.	10 000	6000	6000
Fuse types, IEC 60269-2	Sec. I, DIN 43620			3	3	4, 4 a
	Sec. IA, NFC 0-3 Ref.A, 4a Ref.B			3	3	4 a
	Sec. II, BS 88			C1-C2	C1-C3	D1
	Size / distance of fuse-link bolts		mm	M10/133, 184	M10/133, 184	2xM12/149
Terminal tightening torque	Counter torque required		Nm	50-75	50-75	50-75
Fuse-links bolts tightening torque			Nm	M10:30 M12:40	M10:30 M12:40	M12:40
Operating torque	Typical for 3-pole switch fuses		Nm	38	38	65

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

²⁾ Category B with 4-pole

³⁾ Acc. to IEC 60957-2, IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C. Category B: -5°C...-35°C

Technical data, IEC

Special connected switch fuses OS125...200

Technical data according to IEC 60947-3		Switch size	A	OS 125G	OS 160G	OS 200
Rated insulation voltage and rated operational voltage AC-20 and DC-20	Pollution degree 3	V	1000	1000	1000	1000
Dielectric strength	50 Hz 1min.	kV	10	10	10	10
Rated impulse withstand voltage		kV	8	8	12	12
Rated thermal current in ambient 35 °C and temporarily 40 °C ¹⁾ /max. fuse power dissipation ¹⁾		A/W	125/12	160/12	200/17	
...with minimum cable or bar cross section	Cu	mm ²	50	70	95	
Rated operational current, AC-21A, AC-22A, AC-23A	up to 690 V	A	125	160	200	
Rated operational current/poles in series	48 V	A	125/2	160/2	200/1	
DC-21A, DC-22A and DC23-A	110-220 V	A	125/2	125/2*	200/1	
	440 V	A	125/4*(DC-21A)	125/4*(DC-21A)	200/2	
	660 V	A			200/3	
	750 V	A			180/4	
	880 V	A			180/4	
Rated operational power, AC-23 ²⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V 400 V/415 V 500 V/690 V	kW kW kW	37 55/55 75/110	45 75/75 90/132	60 100/110 140/180
Rated breaking capacity in category AC-23		up to 690 V	A	1280	1280	1600
Rated breaking capacity/poles in series in category DC-23		up to 220 V	A	640/2	640/2	
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current I _c The cut-off currents I _c refer to values listed by fuse manufacturers ⁷⁾ (single phase test acc. to IEC60269)	at prospective SC-current Max. OFA _{max} fuse size gG/aM	80 kA, 415 V	kA A	23.5 160/160	23.5 160/160	
	at prospective SC-current Max. OFA _{max} fuse size gG/aM	100 kA, 500 V	kA A	25.5 160/160	25.5 160/160	30 200/200 ⁸⁾
	at prospective SC-current Max. OFA _{max} fuse size gG/aM	50 kA, 690 V	kA A	17.5 125/160	17.5 125/160	20 160/-
	at prospective SC-current Max. OFA _{max} fuse size gG/aM	80 kA, 690 V	kA A	20.5 125/160	20.5 125/160	25 160/- ⁸⁾
Rated short-time withstand current, 1s.	r.m.s. -value Max. distance from switch frame to nearest busbar/cable support		kA mm	5 5	5 5	8 150
Rated capacitor power when there is no initial charge on the capacitor	The capacitor rating of the switch-fuse is limited by the fuse link	400 V/415 V 690 V	kVAr kVAr	50/55 90	60/65 100	
Power loss/pole	With rated current, without fuse	BB, BD, UB P ₁ , L ₁ , R ₁ , L ₂ , LR	W W	5 5	9 9	8 11
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000	20 000	20 000
Fuse types, IEC 60269-2	DIN 43620	BB, BD, UB P ₁ , L ₁ , R ₁ , L ₂ , LR		000, 00 000, 00	000, 00 000, 00	0
	BS 88	BB, BD, UB		A2-A4 ⁹⁾	A2-A4 ⁹⁾	B1 - B2 ⁹⁾
	-size/distance of fuse-link bolts	BB, BD, UB	mm	M5/73, M8/94	M5/73, M8/94	M6/111
	BS 88	P ₁ , L ₁ , R ₁ , L ₂ , LR		A2-A4 ⁹⁾	A2-A4 ⁹⁾	B1 - B3 ⁹⁾
	-size/distance of fuse-link bolts	P ₁ , L ₁ , R ₁ , L ₂ , LR	mm	M5/73, M8/94	M5/73, M8/94	M8/111
Terminal tightening torque	Counter torque required		Nm	15-22	15-22	M8:15-22 ⁹⁾ , M10:30-44
Fuse-links bolts tightening torque		BB, BD, UB P ₁ , L ₁ , R ₁ , L ₂ , LR	Nm Nm	M5:3.5 M8:5	M5:3.5 M8:5	4 5
Operating torque	Typical for 3 and 4-pole switches		Nm	7	7	7

* B category.

¹⁾ Ambient temperature 60 °C: derating 20%; mounting on ceiling: derating 10%; mounting on wall, horizontal fuses: derating 8%. OS160G: Mounting on wall, horizontal fuses: derating 5%.

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

³⁾ Max fuse body dia 52 mm.

⁴⁾ Side terminals tightening torque max 15 Nm.

⁵⁾ BS fuse manufacturers covered by this table ABB, MEM, Bussmann, GEC.

⁶⁾ 3-pole types only.

⁷⁾ Max fuse body dia 32 mm.

⁸⁾ Acc. to IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C. Category B: -5°C...-35°C.

Technical data, IEC

Special connected switch fuses OS250...400

Technical data according to IEC 60947-3		Switch size	A	OS 250	OS 315	OS 400
Rated insulation voltage and rated operational voltage AC-20 and DC-20		Pollution degree 3	V	1 000	1 000	1 000
Dielectric strength		50 Hz 1min.	kV	10	10	10
Rated impulse withstand voltage			kV	12	12	12
Rated thermal current in ambient 35°C and temporarily 40°C ³⁾ /max. fuse power dissipation ¹⁾			A/W	250/23	315/32	400/45
...with minimum cable or bar cross section		Cu	mm ²	120	185	240
Rated operational current, AC-21A, AC-22A, AC-23A		up to 690 V	A	250	315	400
Rated operational current/poles in series DC-21A, DC-22A and DC23-A		48 V	A	250/1	315/2	400/2
		110-220 V	A	250/1	315/2	400/2
		440 V	A	250/2	315/3*	400/3*
		660 V	A	250/3	315/4*	400/4*
		750 V	A	230/4	315/4*	400/4*
Rated operational power, AC-23 ²⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	880 V	A	230/4		
		230 V	kW	75	100	110
		400 V/415 V	kW	132/140	170/180	220/230
		500 V/690 V	kW	170/240	220/295	280/355
Rated breaking capacity in category AC-23		up to 690 V	A	2000	3200	3200
Rated conditional short-circuit current I _p (r.m.s.) and corresponding max. allowed cut-off current î _c	at prospective SC-current	65 kA, 500 V	kA	32,5		40,5
	Max. OFA_ fuse size gG/aM		A	250/-		400/-
The cut-off currents î _c refer to values listed by fuse manufacturers ⁷⁾ (single phase test acc. to IEC60269)	at prospective SC-current	100 kA, 500 V	kA	37,5		63,5
	Max. OFA_ fuse size gG/aM		A	250 /250 ⁸⁾		500/500 ⁸⁾
	at prospective SC-current	50 kA, 690 V	kA	29,5		32
	Max. OFA_ fuse size gG/aM		A	250/-		355/-
	at prospective SC-current	80 kA, 690 V	kA	32,5		38
	Max. OFA_ fuse size gG/aM		A	200/250 ⁸⁾		355/400 ⁸⁾
	at prospective SC-current	50 kA, 415 V	kA	26	28	34
	Max. BS fuse size gG/gM		A	250/-	315/-	400/-
	at prospective SC-current	80 kA, 415 V	kA	30	50	50
	Max. BS fuse size gG/gM		A	250/200M250 ⁸⁾	400/400M500 ⁸⁾	400/400M500 ⁸⁾
	at prospective SC-current	50 kA, 690 V	kA	28	30	38
	Max. BS fuse size gG/gM		A	250/-	315/-	400/-
	at prospective SC-current	80 kA, 690 V	kA	28	48	48
	Max. BS fuse size gG/gM		A	250/200M250 ⁸⁾	400/400M450 ⁸⁾	400/400M450 ⁸⁾
Rated short-time withstand current, 1s.	r.m.s. -value		kA	8	14	14
	Max. distance from switch frame to nearest busbar/cable support		mm	150	150	150
Rated capacitor power when there is no initial charge on the capacitor	The capacitor rating of the switch-fuse is limited by the fuse link	400 V/415 V	kVAr			
Power loss/pole	With rated current, without fuse	690 V	kVAr			
		BB, BD, UB	W	13	19	30
		P_, L_, _R, _L, LR	W	17	25	40
Mechanical endurance	Divide by two for operation cycles		Oper.	20 000	16 000	16 000
Fuse types, IEC 60269-2	DIN 43620	BB, BD, UB		0 - 1		0 - 2
		P_, L_, _R, _L, LR		0 - 1		0 - 2
	BS 88	BB, BD, UB		B1 - B3 ⁴⁾	B1 - B4 ⁶⁾	B1 - B4 ⁶⁾
	-size/distance of fuse-link bolts	BB, BD, UB	mm	M8/111	M8/111	M8/111
	BS 88	P_, L_, _R, _L, LR		B1 - B3 ⁴⁾	B1 - B4 ⁶⁾	B1 - B4 ⁶⁾
	-size/distance of fuse-link bolts	P_, L_, _R, _L, LR	mm	M8/111	M8/111	M8/111
Terminal tightening torque	Counter torque required		Nm	M8:15-22 ⁹⁾ ,M10:30-44	M8:15-22 ⁹⁾ ,M10:30-44	M8:15-22 ⁹⁾ ,M10:30-44
Fuse-links bolts tightening torque		BB, BD, UB	Nm	5	20	20
		P_, L_, _R, _L, LR	Nm	5	20	20
Operating torque	Typical for 3 and 4-pole switches		Nm	7	19	19

⁴⁾ B category.

¹⁾ Ambient temperature 60 °C: derating 20%; mounting on ceiling: derating 10%; mounting on wall, horizontal fuses: derating 8%. OS160G: Mounting on wall, horizontal fuses: derating 5%.

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

³⁾ Plug in types: fuse size gG/aM:400/400.

⁴⁾ Max fuse body dia 52 mm.

⁵⁾ Side terminals tightening torque max 15 Nm.

⁶⁾ Max fuse body dia 62 mm.

⁷⁾ BS fuse manufacturers covered by this table ABB, MEM, Bussmann, GEC.

⁸⁾ 3-pole types only.

⁹⁾ Acc. to IEC 60947-1, § 6.1.1. Minimum ambient temperature -5°C.Category B: -5°C...-35°C.

Technical data, UL/CSA

Fusible disconnect switches OS30...200

	Switch size	A	OS Mini 30	OS 60G	OS 100G	OS 200
Approvals ^{*)}		2 pole 3 pole 4 pole	- UL98, IEC UL98, IEC	UL98, IEC UL98, IEC UL98, IEC	UL98, IEC UL98, IEC UL98, IEC	UL98, IEC UL98, IEC UL98, IEC

Technical data according to UL/CSA							
General purpose amp rating	pf= 0.7...0.8	up to 40 °C	A	30	60	100	200
Max. operating voltage			VAC VDC	600 250	600 250	600 250	600 250
Max. horsepower rating / motor FLA current	pf= 0.4...0.5 Three phase	240 V 480 V 600 V	HP/A HP/A HP/A	7.5/22.0 15/21.0 20/22.0	15/42.0 30/40.0 50/52.0	30/80.0 60/77.0 75/77.0	60/154.0 125/156.0 150/144.0
	Single phase	120 V 240 V	HP/A HP/A	2/24.0 3/17.0			
Short circuit rating with fuse, 3 and 4-pole types	UL/CSA fuse size UL/CSA fuse type		kA A	200 30	200 60	200 100	200 200
Min. electrical endurance	pf= 0.75...0.8	operation cycles		6000	6000	6000	6000
Terminal lug kits				Integral	Integral	OZXA-24	OZXA-200
Wire range			AWG	#18-8	#14-4	#14-2/0	#4-300MCM
Torque	Wire tightening Lug mounting		lb.in lb.in	17 N/A	30/35 ⁴⁾ N/A	120 50	275 72

Technical data according to IEC 60947-3							
Rated insulation voltage	Pollution degree 3		V	1 000	1 000	1 000	1 000
Dielectric strength		50 Hz 1min.	kV	10	10	10	10
Rated impulse withstand voltage			kV	12			12
Rated thermal current in ambient 40 °C/ max. fuse power dissipation ¹⁾	In open air In enclosure ²⁾		A/W A/W	32/3.5 32/3.5	63/7.5 63/7.5	160/12 160/10,135/12	200/17 200/15
...with minimum cable cross section		Cu	mm ²	6	16	70	95
Rated operational current, AC-23A		up to 500 V 690 V	A A	32 32	63 63	160 160	200 200
Rated operational power, AC-23 ³⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V 400 V 415 V 500 V 690 V	kW kW kW kW kW	7.5 15 15 18.5 22	18.5 30 30 37 55	45 75 75 90 132	60 110 110 132 200
Rated breaking capacity in category AC-23		up to 500 V 690 V	A A	256 256	504 504	1280 1280	1600 1600
Rated short-time withstand current, 1 s	r.m.s. -value		kA	1	2.5	5	8
Power loss / pole	With rated current, without fuse		W	2	4	9	8
Built-in terminal size		Cu	mm ²	0.75...10	2.5...25		
Fuse-links bolts tightening torque			Nm			4	4

^{*)} UL listed disconnects are also listed under CSA requirements

¹⁾ Ambient temperature 60 °C: derating 20%

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

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

⁴⁾ 30 lb.in with cable size #14-10, 35 lb.in with cable size #8-4

Technical data, UL/CSA

Fusible disconnect switches OS400...1200

	Switch size	A	OS 400	OS 600	OS 800	OS 1200
Approvals *)		2 pole	UL98, IEC	UL98, IEC	UL98, IEC	UL98, IEC
		3 pole	UL98, IEC	UL98, IEC	UL98, IEC	UL98, IEC
		4 pole	UL98, IEC	UL98, IEC	UL98, IEC	UL98, IEC

Technical data according to UL/CSA							
General purpose amp rating	pf= 0.7...0.8	up to 40 °C	A	400	600	800	1200
Max. operating voltage			VAC	600	600	600	600
			VDC	250	250	250	250
Max. horsepower rating / motor FLA current	pf= 0.4...0.5 Three phase	240 V	HP/A	125.0/312.0	200/480.0	250/602.0	
		480 V	HP/A	250.0/302.0	400/477.0	500/590.0	
		600 V	HP/A	350.0/336.0	500/472.0	500/472.0	
	Single phase	120 V	HP/A				
		240 V	HP/A				
Short circuit rating with fuse, 3 and 4-pole types	UL/CSA fuse size UL/CSA fuse type		kA	200	200	200	200
			A	400	600	800	1200
			J	J	L	L	L
Min. electrical endurance	pf= 0.75...0.8	operation cycles		1000	1000	500	500
Terminal lug kits				OZXA-400	OZXA-800	OZXA-800	OZXA-1200
Wire range			AWG	#2-600MCM	(2)#2-600MCM	(2)#2-600MCM	(4)#2-600MCM
Torque	Wire tightening		lb.in	375	500	500	500
	Lug mounting		lb.in	240	480	480	480

Technical data according to IEC 60947-3							
Rated insulation voltage	Pollution degree 3	50 Hz 1min.	V	1 000	1 000	1 000	1000
Dielectric strength			kV	10	10	10	10
Rated impulse withstand voltage			kV	12	12	12	12
Rated thermal current in ambient 40 °C/ max. fuse power dissipation ¹⁾ ...with minimum cable cross section	In open air		A/W	400/45	630/60	800/65	1250/110
	In enclosure ²⁾		A/W	400/30	570/50	720/55	1000/85
		Cu	mm ²	240	2x185	2x240	2x400
Rated operational current, AC-23A		up to 500 V	A	400	630	800	1000 ⁴⁾
		690 V	A	400	630	800	1000 ⁴⁾
Rated operational power, AC-23 ³⁾	The kW-ratings are accurate for three-phase 1500 R.P.M. standard asynchronous motors.	230 V	kW	132	200	250	315 ⁴⁾
		400 V	kW	220	355	450	560 ⁴⁾
		415 V	kW	230	355	450	560 ⁴⁾
		500 V	kW	280	450	560	710 ⁴⁾
		690 V	kW	400	630	710	1000 ⁴⁾
Rated breaking capacity in category AC-23		up to 500 V	A	3200	6400	6400	8000
		690 V	A	3200	6400	6400	8000
Rated short-time withstand current, 1 s	r.m.s. -value		kA	14	20	20	
Power loss / pole	With rated current, without fuse		W	30	46	75	75
Built-in terminal size		Cu	mm ²				
Fuse-links bolts tightening torque			Nm	20	40	40	40

¹⁾ Ambient temperature 60 °C: derating 20%

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

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

⁴⁾ = Utilization category B

*) UL listed disconnects are also listed under CSA requirements

Technical data, motor operators, IEC

Motorized switch fuses OSM32...250

Data for motor operator OSM according to IEC 60947		Switch size	A	32...63	100...160	200...250
Rated operational voltage U_e	Pollution degree 3 50/60 Hz		V AC		220 - 240	220 - 240
Operating voltage range				$0.85 - 1.1 \times U_e$	$0.85 - 1.1 \times U_e$	$0.85 - 1.1 \times U_e$
Operating time ¹⁾	90° I - 0, 0 - I	220-240VAC	s	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0
Nominal current I_n ¹⁾		220-240VAC	A	0.3	0.3	0.3
Current Inrush ¹⁾		220-240VAC	A	1.5	1.5	1.5
Overload fuse	Type / I_n / Capacity	220-240VAC	mA	T / 315 / H	T / 315 / H	T / 315 / H
	Size		mm	5x20	5x20	5x20
Operating rate	Cycle 0 - I - 0					
	Max. continuous	220-240VAC	cycles / min	1	1	1
	Max. short-time ≤ 10 cycles	220-240VAC	cycles / min	10	10	10
Overvoltage category				III	III	III
Rated impulse withstand voltage U_{imp}			kV	4	4	4
Dielectric strength		50 Hz 1 min.	kV	1.5	1.5	1.5
Impulse command		Min. impulse duration	ms		100	100
Terminals						
	Voltage supply wiring for U_e		PE - N - L	PE - N - L	PE - N - L	PE - N - L
	Cross section	solid/stranded	mm ²	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Short-circuit protection device	max.fuse size	A	16	16	16
	Push-button control	C - I - 0		no SELV	no SELV	no SELV
	Cross section	solid/stranded	mm ²	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Maximum cable length		m	100	100	100
State information of locking				no SELV	no SELV	no SELV
	Handle attached or motor operator locked	11-12-14 (C/O)	$\cos\varphi=1$	5A/250V	5A/250V	5A/250V
	Locking motor operator	23-24 (NO)	$\cos\varphi=1$	5A/250V	5A/250V	5A/250V
	Short-circuit protection device	MCB type and size		C/2A	C/2A	C/2A
Protection degree				IP20	IP20	IP20
Operating temperature			°C	-25...+55	-25...+55	-25...+55
Transportation and storage temperature			°C	-40...+70	-40...+70	-40...+70
Max. altitude			m	2000	2000	2000

¹⁾ Under nominal conditions

Technical data, motor operators, IEC

Motorized switch fuses OSM315...1250

Data for motor operator OSM according to IEC 60947		Switch size	A	315...400	630...800	1250
Rated operational voltage U_e	Pollution degree 3 50/60 Hz		V AC	220 - 240	220 - 240	220 - 240
Operating voltage range				$0.85 - 1.1 \times U_e$	$0.85 - 1.1 \times U_e$	$0.85 - 1.1 \times U_e$
Operating time ¹⁾	90° I - 0, 0 - I	220-240VAC	s	0.5 - 1.2	0.5 - 1.5	0.8 - 2.0
Nominal current I_n ¹⁾		220-240VAC	A	0.5	0.9	1.4
Current Inrush ¹⁾		220-240VAC	A	2.5	4	10
Overload fuse	Type / I_n / Capacity	220-240VAC	mA	T / 500 / H	T / 1000 / H	T / 2000 / H
	Size		mm	5x20	5x20	5x20
Operating rate	Cycle 0 - I - 0					
	Max. continuous	220-240VAC	cycles / min	1	1	0.5
	Max. short-time ≤ 10 cycles	220-240VAC	cycles / min	10	10	5
Overvoltage category				III	III	
Rated impulse withstand voltage U_{imp}			kV	4	4	
Dielectric strength		50 Hz 1 min.	kV	1.5	1.5	
Impulse command		Min. impulse duration	ms	100	100	
Terminals						
	Voltage supply wiring for U_e		PE - N - L	PE - N - L	PE - N - L	
	Cross section	solid/stranded	mm ²	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Short-circuit protection device	max.fuse size	A	16	16	16
	Push-button control	C - I - 0		no SELV	no SELV	no SELV
	Cross section	solid/stranded	mm ²	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Maximum cable length		m	100	100	100
State information of locking				no SELV	no SELV	no SELV
	Handle attached or motor operator locked	11-12-14 (C/O)	$\cos\phi=1$	5A/250V	5A/250V	5A/250V
	Locking motor operator	23-24 (NO)	$\cos\phi=1$	5A/250V	5A/250V	5A/250V
	Short-circuit protection device	MCB type and size		C/2A	C/2A	C/2A
Protection degree				IP20	IP20	IP20
Operating temperature			°C	-25...+55	-25...+55	-25...+55
Transportation and storage temperature			°C	-40...+70	-40...+70	-40...+70
Max. altitude			m	2000	2000	2000

¹⁾ Under nominal conditions

Type designation key

Explanation of the types OS20...40

OS	25F	F	—	22	10	N1	-2
1	2	3	4	5	6	7	8

1 - Brand

OS ABB switch fuse/fusible switch

2- Switch size/ Ampere rating

20...40F Mini, 20...40 A

3- Fuse type

D DIN

B BS

F NFC

AJ J

ACC CC

4- Switch operation

Blank Front operation

S Side operation

5 - Number of poles and placing of the operating mechanism

12 3 poles, operating mechanism between the poles

22 4 poles, operating mechanism between the poles

30 3 poles, operating mechanism at the right end of the switch

6- Fuse size

A1, A2 BS88, A1, A2

000 DIN 000

10, 14 NFC 10x38, 14x51

7- Fourth pole/neutral terminal

N1 Non-fused switched neutral on the left side

F Fused switched neutral

Blank Terminal not included

8 - Included handle

Blank Pistol handle and shaft included

-2 No handle included

Explanation of the types OS32...1250 A

OS	125G	D	—	04	N2	—	P
1	2	3	4	5	6	7	8

1 - Brand

OS ABB switch fuse/fusible switch

2- Switch size/ Ampere rating

32G...200G Gamma, 32A...200A

200...1250 200A...1250 A

3- Fuse type

D DIN

B BS

F NFC

J J

L L

4- Switch operation

Blank: Front operation

S Side operation

5 - Number of poles and placing of the operating mechanism

03 3 poles, operating mechanism at the left end of the switch

04 4 poles, operating mechanism at the left end of the switch

12: 3 poles, operating mechanism between the poles

22: 4 poles, operating mechanism between the poles

30: 3 poles, operating mechanism at the right end of the switch

40: 4 poles, operating mechanism at the right end of the switch

6- Fourth pole/neutral terminal

Blank Neutral terminal not included

N1 Non-fused switched neutral on the left side

N2 Non-fused switched neutral on the right side

N3 Includes a detachable neutral link integrated into the mechanism

F Fused switch neutral

7 - Terminals for special connection (only IEC)

Blank No special connection

BB Back in, back out

LR Left in, right out

8 - Included handle

Blank No handle included

P Pistol handle and shaft

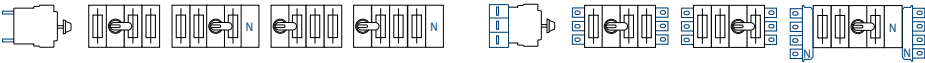
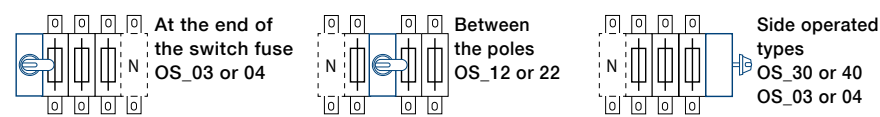
K Direct mount handle

Type designation key

Explanation of the types OSM...1250 A (IEC only)

OSM	125G	B	4	N1	M230C
1	2	3	4	5	6
1 - Brand			4: 4 poles, motor operator at the left end of the switch		
OSM			5- Fourth pole/neutral terminal		
2- Switch size/ Ampere rating			N1	Non-fused switched neutral on the left side	
32G...200G			N2	Non-fused switched neutral on the right side	
200...1250			N3	Includes a detachable neutral link integrated into the mechanism	
3- Fuse type			Blank	Neutral terminal not included	
B			6- Motor operator voltage		
D			230C	230 V AC	
4 - Number of poles					
3:			3 poles, motor operator at the left end of the switch		

Placing options of the operating mechanism



BB-types

LR-types

Ordering information, IEC

Switch fuses, DIN-type

OS32...63GD02P



Front operated switch fuses

Including terminal bolt set in OS125G...160G, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

OS32...63GD04N2P



OS32...63GD04FP



OS125...160GD03P



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Mechanism at the end of the switch fuse

Protected tunnel terminals, IP20

32	000	2	OS32GD02P	1SCA116714R1001	1.0
32	000	3	OS32GD03P	1SCA115189R1001	1.3
32	000	4	OS32GD04N2P	1SCA115193R1001	1.6
32	000	4	OS32GD04FP	1SCA115196R1001	1.6
63	000	2	OS63GD02P	1SCA116715R1001	1.0
63	000	3	OS63GD03P	1SCA115207R1001	1.3
63	000	4	OS63GD04N2P	1SCA115209R1001	1.6
63	000	4	OS63GD04FP	1SCA115228R1001	1.6

Including terminal bolt set

125	000, 00	2	OS125GD02P	1SCA116716R1001	1.2
125	000, 00	3	OS125GD03P	1SCA115639R1001	1.5
125	000, 00	4	OS125GD04N2P	1SCA115877R1001	1.8
125	000, 00	4	OS125GD04FP	1SCA115686R1001	1.8
160	000, 00	2	OS160GD02P	1SCA116717R1001	1.2
160	000, 00	3	OS160GD03P	1SCA115399R1001	1.5
160	000, 00	4	OS160GD04N2P	1SCA115882R1001	1.8
160	000, 00	4	OS160GD04FP	1SCA115402R1001	1.8

F = Fused switched neutral

N2 = Non-fused switched neutral on the right side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS32G...63G_P	OSP6X161	OHBA5J6	-
OS125G...160G_P	OSP6X161	OHBA5J6	M8X25

Ordering information, IEC

Switch fuses, DIN-type

OS200DZ04N2P



Front operated switch fuses

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

OS200...250D03N3P



OS200...250D02P



OS400D04FP



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
200	00	3	OS200DZ03P	1SCA022797R3440	3.3
200	00	4	OS200DZ04N2P	1SCA022820R9230	4.2
200	0	2	OS200D02P	1SCA022759R9220	2.4
200	0	3	OS200D03P	1SCA022709R9500	3.3
200	0	3+N	OS200D03N3P	1SCA022749R8710	3.4
200	0	4	OS200D04N2P	1SCA022709R9680	4.2
200	0	4	OS200D04FP	1SCA022725R4750	4.2
250	0-1	2	OS250D02P	1SCA022760R0170	3.5
250	0-1	3	OS250D03P	1SCA022719R0090	4.3
250	0-1	3+N	OS250D03N3P	1SCA022749R9430	4.4
250	0-1	4	OS250D04N2P	1SCA022719R2380	5.1
250	0-1	4	OS250D04FP	1SCA022726R8620	5.1
400	0-2	2	OS400D02P	1SCA022811R2740	5.4
400	0-2	3	OS400D03P	1SCA022719R0250	7.1
400	0-2	3+N	OS400D03N3P	1SCA022753R9320	7.5
400	0-2	4	OS400D04N2P	1SCA022719R2460	9.1
400	0-2	4	OS400D04FP	1SCA022753R7110	9.1

F = Fused switched neutral, N2 = Non-fused switched neutral on the right side
N3 = Include a detachable neutral link integrated into the mechanism

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_P	XP6X210	OHB65J6	M8X25
OS250_P	XP6X210	OHB65J6	M10X30
OS400_P	XP12X250	OHB95J12	M10X30

Ordering information, IEC

Switch fuses, DIN-type

OS630...800D02P



Front operated switch fuses

Including terminal bolt set, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. OS1250DA_: a fuse replacement tool is integrated in the fuse cover.

OS630...800D04FP



OS1250D03P



OS1250D04P



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
630	3	2	OS630D02P	1SCA107745R1001	10.3
630	3	3	OS630D03P	1SCA022825R2830	13.6
630	3	3+N	OS630D03N3P	1SCA100858R1001	14.5
630	3	4	OS630D04N2P	1SCA022825R4290	16.9
630	3	4	OS630D04FP	1SCA022825R4610	16.9
800	3	2	OS800D02P	1SCA022837R2650	10.3
800	3	3	OS800D03P	1SCA022825R4880	13.6
800	3	3+N	OS800D03N3P	1SCA100859R1001	14.5
800	3	4	OS800D04N2P	1SCA022825R5180	16.9
800	3	4	OS800D04FP	1SCA022825R5000	16.9
1250 ¹⁾	4	2	OS1250D02P	1SCA114051R1001	37
1250 ¹⁾	4	3	OS1250D03P	1SCA105475R1001	46
1250 ¹⁾	4	3+N	OS1250D03N3P	1SCA107932R1001	47
1250 ¹⁾	4	4	OS1250D04N2P	1SCA105248R1001	55
1250 ¹⁾	4	4	OS1250D04FP	1SCA105473R1001	55
1250 ¹⁾	4a	2	OS1250DA02P	1SCA114059R1001	37
1250 ¹⁾	4a	3	OS1250DA03P	1SCA105238R1001	46
1250 ¹⁾	4a	3+N	OS1250DA03N3P	1SCA107934R1001	47
1250 ¹⁾	4a	4	OS1250DA04N2P	1SCA105243R1001	55
1250 ¹⁾	4a	4	OS1250DA04FP	1SCA105240R1001	55

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

N3 = Include a detachable neutral link integrated into the mechanism

¹⁾ 1250A / AC-21...22A, 1000A / AC-23A

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS630...800_P	OXF12X280	OHB145J12	M12X40
OS1250_P	OXF12X395	OHB274J12	M12x50

Ordering information, IEC

Switch fuses, DIN-type

OS32...63GD03K



Front operated switch fuses with direct mount handle

Including terminal bolt set in OS125G...160G, a black Test-OFF-ON plastic handle and shaft as standard. The handle is padlockable in the OFF-position. Types OS1250DA_: a fuse replacement tool is integrated in the fuse cover.

OS32...63GD04N2K



OS125...160GD03K



OS125...160GD04FK



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
Protected tunnel terminals, IP20					
32	000	3	OS32GD03K	1SCA116733R1001	1.3
32	000	4	OS32GD04N2K	1SCA116734R1001	1.6
32	000	4	OS32GD04FK	1SCA116737R1001	1.6
63	000	3	OS63GD03K	1SCA116738R1001	1.3
63	000	4	OS63GD04N2K	1SCA116876R1001	1.6
63	000	4	OS63GD04FK	1SCA116739R1001	1.6
Including terminal bolt set					
125	000, 00	3	OS125GD03K	1SCA116878R1001	1.5
125	000, 00	4	OS125GD04N2K	1SCA116740R1001	1.8
125	000, 00	4	OS125GD04FK	1SCA116741R1001	1.8
160	000, 00	3	OS160GD03K	1SCA116742R1001	1.5
160	000, 00	4	OS160GD04N2K	1SCA116743R1001	1.8
160	000, 00	4	OS160GD04FK	1SCA116880R1001	1.8
F = Fused fourth pole					
N2 = Non-fused switched neutral on the right side					
Shafts and handles included as standard					
Suitable for switches			Included shaft	Included handle	Incl. terminal bolts
OS32G...63G_K			-	OSV200BK	-
OS125G...160G_K			-	OSV200BK	M8X25

Ordering information, IEC

Switch fuses, DIN-type

OS200...250D03K



OS400D03K



OS630...800D03K



Front operated switch fuses with direct mount handle

Including terminal bolt set, a black Test-OFF-ON plastic handle and shaft as standard. The handle is padlockable in the OFF-position. Types OS1250DA_: a fuse replacement tool is integrated in the fuse cover.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Mechanism at the end of the switch fuse

Including terminal bolt set

200	0	3	OS200D03K	1SCA022764R7130	3.3
200	0	4	OS200D04N2K	1SCA022768R7430	4.2
250	0-1	3	OS250D03K	1SCA022763R6360	4.3
250	0-1	4	OS250D04N2K	1SCA022763R6440	5.1
400	0-2	3	OS400D03K	1SCA022779R5410	7.0
400	0-2	4	OS400D04N2K	1SCA022763R7250	9.0
630	3	3	OS630D03K	1SCA108704R1001	13
630	3	4	OS630D04N2K	1SCA108705R1001	16
800	3	3	OS800D03K	1SCA108725R1001	13
800	3	4	OS800D04N2K	1SCA108722R1001	16
1250 ¹⁾	4	3	OS1250D03K	1SCA108718R1001	45
1250 ¹⁾	4	4	OS1250D04N2K	1SCA108719R1001	54
1250 ¹⁾	4a	3	OS1250DA03K	1SCA108720R1001	45
1250 ¹⁾	4a	4	OS1250DA04N2K	1SCA108721R1001	54

N2 = Non-fused switched neutral on the right side

¹⁾ 1250A / AC-20...22A, 1000A / AC-23A

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_K	-	OSV250DK	M8X25
OS250_K	-	OSV250DK	M10X30
OS400_K	-	OSV400DK	M10X30
OS630...800_K	-	OSV800DK	M12X40
OS1250_K	-	OSV1250DK	M12x50

Ordering information, IEC

Switch fuses, DIN-type

OS32...63GDS30K



Side operated switch fuses with pistol handle

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=157...164 mm and 4-pole: H= 193...200 mm. Protected tunnel terminals, IP20.

40	000	3	OS40FDS30000	1SCA108942R1001	0.9
40	000	3	OS40FDS30000-2	1SCA108945R1001	0.7

OS32...63GDS40N2K



Side operated switch fuses with direct mount handle

Including terminal bolt set in OS125G...160G, a black Test-ON-OFF plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Protected tunnel terminals, IP20.

32	000	3	OS32GDS30K	1SCA115929R1001	1.3
32	000	4	OS32GDS40N2K	1SCA116402R1001	1.6
63	000	3	OS63GDS30K	1SCA115931R1001	1.3
63	000	4	OS63GDS40N2K	1SCA116403R1001	1.6

Including terminal bolt set

125	000, 00	3	OS125GDS30K	1SCA115933R1001	1.5
125	000, 00	4	OS125GDS40N2K	1SCA115934R1001	1.8
160	000, 00	3	OS160GDS30K	1SCA115935R1001	1.5
160	000, 00	4	OS160GDS40N2K	1SCA115939R1001	1.8

N2 = Non-fused switched neutral on the right side

OS125...160GDS40N2K



Shafts and handles incl. as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS40FDS_ (OS Mini)	OPX6X150	OHB65J6	-
OS32G...63_K	OPX6X42-T0	OHB65D6	-
OS125G...160G_K	OPX6X42-T0	OHB65D6	M8X25

Ordering information, IEC

Switch fuses, DIN-type

OS200...250DS40FK



OS630...800DS04FK



Side operated switch fuses with direct mount handle

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Including terminal bolt set					
200	0	3	OS200DS30K	1SCA022871R1450	3.6
200	0	4	OS200DS40FK	1SCA022871R1610	4.5
250	0-1	3	OS250DS30K	1SCA022871R2260	4.6
250	0-1	4	OS250DS40FK	1SCA022871R2420	5.4
400	0-2	3	OS400DS30K	1SCA022871R2930	7.5
400	0-2	4	OS400DS40FK	1SCA022871R3150	9.5
630	3	3	OS630DS30K	1SCA108136R1001	14.1
630	3	4	OS630DS40FK	1SCA108138R1001	17
800	3	3	OS800DS30K	1SCA108099R1001	14.1
800	3	4	OS800DS40FK	1SCA108101R1001	17

F = Fused switched neutral

Shafts and handles included as standard:

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_K	EXP6X42-T0	OHB65D6	M8x25
OS250_K	EXP6X42-T0	OHB65D6	M10x30
OS315...400_K	EXP12X47-T0	OHB95D12	M10x30
OS630...800_K	EXP12X59-T0	OHB145D12	M12x40

Ordering information, IEC

Switch fuses, DIN-type

OS250D03BBP



OS250D04BBN2P



Special connected switch fuses, back in, back out connection (BB)

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse*) size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
125	000, 00	3	OS125GD03BBP	1SCA120802R1001	2.3
125	000, 00	4	OS125GD04BBN2P	1SCA120806R1001	2.7
160	000, 00	3	OS160GD03BBP	1SCA120655R1001	2.3
160	000, 00	4	OS160GD04BBN2P	1SCA120661R1001	2.7
200	0	3	OS200D03BBP	1SCA102150R1001	3.3
200	0	4	OS200D04BBN2P	1SCA102139R1001	4.2
250	0...1	3	OS250D03BBP	1SCA102190R1001	4.3
250	0...1	4	OS250D04BBN2P	1SCA102205R1001	5.1
400	0...2	3	OS400D03BBP	1SCA102260R1001	7.1
400	0...2	4	OS400D04BBN2P	1SCA102289R1001	9.1

N2 = Non-fused switched neutral on the right side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS125G_...160G_P	OXp6X161	OHB65J6	M8x25
OS200_P	OXp6X210	OHB65J6	M8x25
OS250_P	OXp6X210	OHB65J6	M10x30
OS400_P	OXp12X250	OHB95J12	M10x30

Ordering information, IEC

Switch fuses, DIN-type

OS125...160GD12LRP



OS200...250D22LR



OS400D12LRP



Special connected switch fuses, left in, right out connection (LR)

Including terminal bolt set, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Terminal angles for side terminals are accessories and are not included in standard delivery.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse*) size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism between the poles					
125	000, 00	3	OS125GD12LRP	1SCA120062R1001	2.9
125	000, 00	3	OS125GD21LRP	1SCA120255R1001	2.9
125	000, 00	4	OS125GD22LRP	1SCA120263R1001	3.7
160	000, 00	3	OS160GD12LRP	1SCA120267R1001	2.9
160	000, 00	3	OS160GD21LRP	1SCA120294R1001	2.9
160	000, 00	4	OS160GD22LRP	1SCA120275R1001	3.7
250	0...1	3	OS250D12LRP	1SCA022852R8410	6.2
250	0...1	3	OS250D21LRP	1SCA022852R8500	6.2
250	0...1	4	OS250D22LRP	1SCA022853R0310	9.1
400	0...2	3	OS400D12LRP	1SCA022853R2280	9.6
400	0...2	3	OS400D21LRP	1SCA022853R2360	9.6
400	0...2	4	OS400D22LRP	1SCA022853R4140	12.8

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

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS125G_...160G_P	XP6X161	0HB65J6	M8x25
OS250_P	XP6X210	0HB65J6	M8x16
OS400_P	XP12X250	0HB95J12	M8x16

Ordering information, IEC

Switch fuses, BS-type

OS32...63GB02P



OS32...63GB04N1P



OS100...160GB03P



OS100...160GB03N3P



Front operated switch fuses

Including terminal bolt set in OS100G...160G, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/unit [kg]
Protected tunnel terminals IP20, mechanism at the end of the switch					
32	A2, A3	2	OS32GB02P	1SCA116721R1001	1.0
32	A2, A3	3	OS32GB03P	1SCA115259R1001	1.3
32	A2, A3	4	OS32GB04N1P	1SCA114610R1001	1.6
63	A2, A3	2	OS63GB02P	1SCA116854R1001	1.0
63	A2, A3	3	OS63GB03P	1SCA115235R1001	1.3
63	A2, A3	4	OS63GB04N1P	1SCA115238R1001	1.6
Including terminal bolt set, mechanism at the end of the switch					
100	A2-A4 ¹⁾	3	OS100GB03P	1SCA114613R1001	1.8
100	A2-A4 ¹⁾	3+N	OS100GB03N3P	1SCA125531R1001	2.1
100	A2-A4 ¹⁾	4	OS100GB04N1P	1SCA114614R1001	2.5
125	A2-A4 ¹⁾	3	OS125GB03P	1SCA115634R1001	1.7
125	A2-A4 ¹⁾	3+N	OS125GB03N3P	1SCA122008R1001	2.1
125	A2-A4 ¹⁾	4	OS125GB04N1P	1SCA115901R1001	2.7
160	A2-A4 ¹⁾	3	OS160GB03P	1SCA115413R1001	1.8
160	A2-A4 ¹⁾	3+N	OS160GB03N3P	1SCA122010R1001	2.1
160	A2-A4 ¹⁾	4	OS160GB04N1P	1SCA115896R1001	2.5
N1 = Non-fused switched neutral on the left side N3=Detachable neutral link integrated into the mechanism ¹⁾ Max. fuse diameter 32 mm					
Shafts and handles included as standard					
Suitable for switches			Included shaft	Included handle	Incl. terminal bolts
OS32G...63G_P			OXp6X161	OHB45J6	-
OS100G...160G_P			OXp6X161	OHB65J6	M8X25

Ordering information, IEC

Switch fuses, BS-type

OS200...250B02P



Front operated switch fuses

Including terminal bolt set, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft can be adjusted to different installation depths.

OS200...250B03N3P



OS315...400B03P



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
200	B1-B2	2	OS200B02P	1SCA022769R7820	2.4
200	B1-B2	3	OS200B03P	1SCA022709R9330	3.3
200	B1-B2	3+N	OS200B03N3P	1SCA022750R0620	3.4
250	B1-B3	2	OS250B02P	1SCA022769R9440	3.5
250	B1-B3	3	OS250B03P	1SCA022750R6660	4.3
250	B1-B3	3+N	OS250B03N3P	1SCA022750R8010	4.4
315	B1-B4	2	OS315B02P	1SCA022817R3450	5.4
315	B1-B4	3	OS315B03P	1SCA022719R0680	7.1
315	B1-B4	3+N	OS315B03N3P	1SCA022753R8940	7.5
400	B1-B4	2	OS400B02P	1SCA022813R7220	5.4
400	B1-B4	3	OS400B03P	1SCA022719R0840	7.1
400	B1-B4	3+N	OS400B03N3P	1SCA022753R9160	7.5

N3 = Include a detachable neutral link integrated into the mechanism.

OS200GB_P are optimal for electrical distribution applications and are compact in size.

Rated op. current AC-20...22B ≤ 415V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
200	A2-A4 ¹⁾	3	OS200GB03P	1SCA125468R1001	2.3
200	A2-A4 ¹⁾	3+N	OS200GB03N3P	1SCA126216R1001	2.3
200	A2-A4 ¹⁾	4	OS200GB04N1P	1SCA125493R1001	2.7

N1 = Non-neutral on the right side

N3 = Include a detachable neutral link integrated into the mechanism.

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_GB_P	OXp6X161	OHb65J6	M8X25
OS200_P	OXp6X210	OHb65J6	M8X25
OS250_P	OXp6X210	OHb65J6	M10X30
OS315...400_P	OXp12X250	OHb95J12	M10X30

Ordering information, IEC

Switch fuses, BS-type

OS630...800B02P



Front operated switch fuses

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
630	C1-C2	2	OS630B02P	1SCA113529R1001	10.3
630	C1-C2	3	OS630B03P	1SCA022825R5850	13.6
630	C1-C2	3+N	OS630B03N3P	1SCA100860R1001	14.5
800	C1-C3	2	OS800B02P	1SCA022837R6480	10.3
800	C1-C3	3	OS800B03P	1SCA022825R7550	13.6
800	C1-C3	3+N	OS800B03N3P	1SCA100861R1001	14.5
1250 ¹⁾	D1	2	OS1250B02P	1SCA114070R1001	37
1250 ¹⁾	D1	3	OS1250B03P	1SCA105250R1001	46
1250 ¹⁾	D1	3+N	OS1250B03N3P	1SCA107936R1001	47

N3 = Include a detachable neutral link integrated into the mechanism.
¹⁾ 1250A / AC-20...22A, 1000A / AC-23A

OS630...800B03N3P



OS1250D03P



Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS630...800_P	OXp12X280	OHB145J12	M12X40
OS1250_P	OXp12X395	OHB274J12	M12X50

Ordering information, IEC

Switch fuses, BS-type

Terminals with
integrated nuts



OS100...200GB03P-42



OS100...160GB12P-42



OS100...200GB03N3P-42



Front operated switch fuses

These types (-42) have nuts integrated on the back of the terminals, for easy installation. A black ON-OFF plastic handle and shaft included as standard. The handle is IP 54 protected, padlockable in OFF position and has door interlock in the ON-position and when padlocked. The shaft can be adjusted to different installation depth.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism Mechanism between the poles					
100	A2-A4 ¹⁾	3+N	OS100GB12N3P-42	1SCA129910R1001	2.7
125	A2-A4 ¹⁾	3+N	OS125GB12N3P-42	1SCA129914R1001	2.7
160	A2-A4 ¹⁾	3+N	OS160GB12N3P-42	1SCA129919R1001	2.7
Mechanism at the end of the switch fuse					
100	A2-A4 ¹⁾	3	OS100GB03P-42	1SCA128217R1001	1.7
100	A2-A4 ¹⁾	3+N	OS100GB03N3P-42	1SCA129907R1001	2.7
125	A2-A4 ¹⁾	4	OS125GB03P-42	1SCA128215R1001	2.3
125	A2-A4 ¹⁾	3+N	OS125GB03N3P-42	1SCA129912R1001	2.7
160	A2-A4 ¹⁾	3	OS160GB03P-42	1SCA128213R1001	2.3
160	A2-A4 ¹⁾	3+N	OS160GB03N3P-42	1SCA129916R1001	2.7

N3 = Include a detachable neutral link integrated into the mechanism

¹⁾ Max. fuse diameter 32 mm

Rated op. current AC20B-AC22B ≤ 415V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
200	A2-A4 ¹⁾	3	OS200GB03P-42	1SCA128211R1001	2.3
200	A2-A4 ¹⁾	3+N	OS200GB03N3P-42	1SCA129922R1001	2.7

N3 = Include a detachable neutral link integrated into the mechanism

¹⁾ Max. fuse diameter 32 mm

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS100...125GB_P-42	EXP6X161	OH65J6	M8x25

Ordering information, IEC

Switch fuses, BS-type

OS32G...63GB03K



Front operated switch fuses with direct mount handle

Including terminal bolt set in OS100G...160G, a black Test-OFF-ON plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Mechanism at the end of the switch fuse

Protected tunnel terminals, IP20					
32	A2, A3	3	OS32GB03K	1SCA116744R1001	1.3
32	A2, A3	4	OS32GB04N1K	1SCA116856R1001	1.6
63	A2, A3	3	OS63GB03K	1SCA116745R1001	1.3
63	A2, A3	4	OS63GB04N1K	1SCA116746R1001	1.6

Including terminal bolt set					
100	A2-A4 ¹⁾	3	OS100GB03K	1SCA116747R1001	1.5
100	A2-A4 ¹⁾	4	OS100GB04N1K	1SCA116748R1001	1.8
125	A2-A4 ¹⁾	3	OS125GB03K	1SCA116751R1001	1.5
125	A2-A4 ¹⁾	4	OS125GB04N1K	1SCA116752R1001	1.8
160	A2-A4 ¹⁾	3	OS160GB03K	1SCA116753R1001	1.5
160	A2-A4 ¹⁾	4	OS160GB04N1K	1SCA116754R1001	1.8

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

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS32G...63G_K	-	OSV200BK	-
OS100G...160G_K	-	OSV200BK	M8X25

OS32G...63GB04N1K



OS100G...160GB03K



OS100G...160GB04N1K



Ordering information, IEC

Switch fuses, BS-type

OS630B03K



Front operated switch fuses with direct mount handle

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
Including terminal bolt set					
200	B1-B2	3	OS200B03K	1SCA022763R6950	3.3
250	B1-B3	3	OS250B03K	1SCA022763R6010	4.3
315	B1-B4	3	OS315B03K	1SCA022763R6520	7.0
400	B1-B4	3	OS400B03K	1SCA022763R6790	7.0
630	C1-C2	3	OS630B03K	1SCA108708R1001	13
800	C1-C3	3	OS800B03K	1SCA108713R1001	13
1250A ¹⁾	D1	3	OS1250B03K	1SCA108715R1001	45

¹⁾ 1250A / AC-20...22A, 1000A / AC-23A

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_K	-	OSV200BK	M8x25
OS250_K	-	OSV250DK	M10x30
OS315...400_K	-	OSV400BK	M10x30
OS630...800_K	-	OSV800DK	M12x40
OS1250_K	-	OSV1250DK	M12x50

Ordering information

Switch fuses, BS-type

OS32GBS30K



Side operated switch fuses with direct mount handle

Including terminal bolt set (OS125G...160G), a black Test-ON-OFF plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/unit [kg]
Protected tunnel terminals, IP20.					
32	A2, A3	3	OS32GBS30K	1SCA115918R1001	1.3
32	A2, A3	4	OS32GBS40N1K	1SCA115923R1001	1.6
63	A2, A3	3	OS63GBS30K	1SCA115924R1001	1.3
63	A2, A3	4	OS63GBS40N1K	1SCA115979R1001	1.6
Including terminal bolt set					
125	A2-A4 ¹⁾	3	OS125GBS30K	1SCA116400R1001	1.5
125	A2-A4 ¹⁾	4	OS125GBS40N1K	1SCA115926R1001	1.8
160	A2-A4 ¹⁾	3	OS160GBS30K	1SCA115927R1001	1.5
160	A2-A4 ¹⁾	4	OS160GBS40N1K	1SCA115928R1001	1.8

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

OS32GBS40N1K



OS125GBS30K



Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS20F...32F_ (OS Mini)	EXP6X70-V0	OHB65J6	-
OS32G...63G_K	EXP6X42-T0	OHB65D6	-
OS125G...160G_K	EXP6X42-T0	OHB65D6	M8X25

OS125GBS40N1K



Ordering information, IEC

Switch fuses, BS-type

OS200...250BS30K



OS200...250BS40N2K



Side operated switch fuses with direct mount handle

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

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
200	B1-B2	3	OS200BS30K	1SCA022870R7850	3.6
200	B1-B2	4	OS200BS40N2K	1SCA022870R8230	4.5
250	B1-B3	3	OS250BS30K	1SCA022870R8660	4.6
250	B1-B3	4	OS250BS40N2K	1SCA022870R9040	5.4
315	B1-B4	3	OS315BS30K	1SCA022870R9470	7.5
315	B1-B4	4	OS315BS40N2K	1SCA022870R9800	9.5
400	B1-B4	3	OS400BS30K	1SCA022871R0210	7.5
400	B1-B4	4	OS400BS40N2K	1SCA022871R0640	9.5
630	C1-C2	3	OS630BS30K	1SCA108148R1001	14.1
630	C1-C2	4	OS630BS40N2K	1SCA108151R1001	17
800	C1-C3	3	OS800BS30K	1SCA108084R1001	14.1
800	C1-C3	4	OS800BS40N2K	1SCA108087R1001	17

N2 = Non-fused switched neutral on the right side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS200_K	XP6X42-T0	OHB65D6	M8x25
OS250_K	XP6X42-T0	OHB65D6	M10x30
OS315...400_K	XP12X47-T0	OHB95D12	M10x30
OS630...800_K	XP12X59-T0	OHB145D12	M12x40

Ordering information, IEC

Switch fuses, BS-type

OS125...160GB03BBP



Special connected switch fuses, back in, back out connection (BB)

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

OS200...400B03BBP



OS250...400B04BBN2P



Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
125	A2...A4 ¹⁾	3	OS125GB03BBP	1SCA120783R1001	2.3
125	A2...A4 ¹⁾	4	OS125GB04BBN1P	1SCA122597R1001	2.7
160	A2...A4 ¹⁾	3	OS160GB03BBP	1SCA120657R1001	2.3
160	A2...A4 ¹⁾	4	OS160GB04BBN1P	1SCA122598R1001	2.7
200	B1...B2 ²⁾	3	OS200B03BBP	1SCA102082R1001	3.3
200	B1...B2 ²⁾	4	OS200B04BBN2P	1SCA102123R1001	4.2
250	B1...B3 ³⁾	3	OS250B03BBP	1SCA102168R1001	4.3
250	B1...B3 ³⁾	4	OS250B04BBN2P	1SCA102164R1001	5.1
315	B1...B4 ³⁾	3	OS315B03BBP	1SCA102222R1001	7.1
315	B1...B4 ³⁾	4	OS315B04BBN2P	1SCA102225R1001	9.1
400	B1...B4 ³⁾	3	OS400B03BBP	1SCA102252R1001	7.1
400	B1...B4 ³⁾	4	OS400B04BBN2P	1SCA102248R1001	9.1

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

N1 = Non-fused switched neutral on the left side

N2 = Non-fused switched neutral on the right side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS125G...160G_P	XP6X161	OH65J6	M8x25
OS200_P	XP6X210	OH65J6	M8x25
OS250_P	XP6X210	OH65J6	M10x30
OS315...400_P	XP12X250	OH95J12	M10x30

Ordering information, IEC

Switch fuses, BS-type

OS125G...160GB12LRP



OS200...250B12LRP



OS125GB21LRP



OS125GB22LRP



Special connected switch fuses, left in, right out connection (LR)

Including terminal bolt set, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. Terminal angles for side terminals are accessories and are not included in standard delivery.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism between the poles					
125	A2...A4 ¹⁾	3	OS125GB12LRP	1SCA120258R1001	2.9
125	A2...A4 ¹⁾	3	OS125GB21LRP	1SCA120261R1001	2.9
125	A2...A4 ¹⁾	4	OS125GB22LRP	1SCA120265R1001	3.7
160	A2...A4 ¹⁾	3	OS160GB12LRP	1SCA120271R1001	2.9
160	A2...A4 ¹⁾	3	OS160GB21LRP	1SCA120273R1001	2.9
160	A2...A4 ¹⁾	4	OS160GB22LRP	1SCA120277R1001	3.7
200	B1...B2 ²⁾	3	OS200B12LRP	1SCA022854R2910	6.2
200	B1...B2 ²⁾	3	OS200B21LRP	1SCA022854R3050	6.2
200	B1...B2 ²⁾	4	OS200B22LRP	1SCA022854R4290	9.1
250	B1...B3 ²⁾	3	OS250B12LRP	1SCA022854R5690	6.2
250	B1...B3 ²⁾	3	OS250B21LRP	1SCA022854R5850	6.2
250	B1...B3 ²⁾	4	OS250B22LRP	1SCA022854R7210	9.1
315	B1...B4 ³⁾	3	OS315B12LRP	1SCA022854R8790	9.6
315	B1...B4 ³⁾	3	OS315B21LRP	1SCA022854R8870	9.6
315	B1...B4 ³⁾	4	OS315B22LRP	1SCA022855R0000	12.8
400	B1...B4 ³⁾	3	OS400B12LRP	1SCA022855R1400	9.6
400	B1...B4 ³⁾	3	OS400B21LRP	1SCA022855R1580	9.6
400	B1...B4 ³⁾	4	OS400B22LRP	1SCA022855R2710	12.8

¹⁾ Max fuse body dia 32 mm

²⁾ Max fuse body dia 52 mm

³⁾ Max fuse body dia 62 mm

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS125G...160G_P	OSP6X161	OH665J6	M8x25
OS200...250_P	OSP6X210	OH665J6	M8x16
OS315...400_P	OSP12X250	OH695J12	M8x16

Ordering information, IEC

Switch fuses, NFC-type

OS50GF04FP



Front operated switch fuses

Including terminal bolt set in OS125G, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
Mechanism at the end of the switch fuse					
Protected tunnel terminals, IP20					
50	14x51	2	OS50GF02P	1SCA118345R1001	1.0
50	14x51	3	OS50GF03P	1SCA115492R1001	1.3
50	14x51	4	OS50GF04N1P	1SCA115495R1001	1.6
50	14x51	4	OS50GF04FP	1SCA115498R1001	1.6
Including terminal bolt set					
125	22x58	2	OS125GF02P	1SCA116727R1001	1.2
125	22x58	3	OS125GF03P	1SCA115602R1001	1.5
125	22x58	4	OS125GF04N1P	1SCA115888R1001	1.8
125	22x58	4	OS125GF04FP	1SCA115606R1001	1.8

F = Fused switched neutral

N1 = Non-fused switched neutral on the left side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS25FF...32FF_ (OS Mini)	XP6X150	OHB65J6	-
OS50G_P	XP6X161	OHB45J6	-
OS125G_P	XP6X161	OHB65J6	M8X25

Ordering information, IEC

Switch fuses, NFC-type

OS50GFS40FK



Side operated switch fuses with pistol handle

Including a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, Nema type 1, 3R, 12, 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]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Shaft mounting depths measured from the left side of the switch, 3-pole: H=154...166 mm
and 4 pole: H=189...201 mm. Protected tunnel terminals, IP20.

25	10x38	3	OS25FFS3010	1SCA108639R1001	0.7
25	10x38	3	OS25FFS3010-2	1SCA108808R1001	0.7

F = Fused switched neutral

OS125GFS40FK



Side operated switch fuses with direct mount handle

Including terminal bolt set (OS125G), a black Test-ON-OFF plastic handle and shaft as standard. The handle is padlockable in the OFF-position.

Rated op. current AC-20...23A ≤ 690V [A]	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
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Protected tunnel terminals, IP20.

50	14x51	3	OS50GFS30K	1SCA116404R1001	1.3
50	14x51	4	OS50GFS40N1K	1SCA116013R1001	1.6
50	14x51	4	OS50GFS40FK	1SCA116425R1001	1.6

Including terminal bolt set

125	22x58	3	OS125GFS30K	1SCA115944R1001	1.5
125	22x58	4	OS125GFS40N1K	1SCA115945R1001	1.8
125	22x58	4	OS125GFS40FK	1SCA115946R1001	1.8

F = Fused switched neutral

N1 = Non-fused switched neutral on the left side

Shafts and handles included as standard

Suitable for switches	Included shaft	Included handle	Incl. terminal bolts
OS50G_K	EXP6X42-T0	OHB65D6	-
OS125G_K	EXP6X42-T0	OHB65D6	M8X25

Ordering information, UL/CSA

Switch fuses, CC and J types

OS60GJ12



OS100GJ12



OS60GJ22F



OS100GJ22F



OS100GJ03



Front operated fusible disconnect switches

Ampere rating [A]	Fuse size	No. of poles	Type	Order number	Weight/unit [kg]
Mechanism between the poles					
Protected tunnel terminals, IP20, cable size 0.5...10 mm2, (AWG 18 - 8).					
30	CC, 30A	3	OS30FACC12	1SCA108813R1001	0.7
30	CC, 30A	4	OS30FACC22F	1SCA108819R1001	0.9
30	J, 30A	3	OS30FAJ12	1SCA108824R1001	0.7
30	J, 30A	4	OS30FAJ22F	1SCA108829R1001	0.8
Protected tunnel terminals, IP20, cable size 2.5...25 mm2 (AWG 14 - 4).					
60	J, 60A	3	OS60GJ12	1SCA122981R1001	1.3
60	J, 60A	4	OS60GJ22F	1SCA115468R1001	1.6
Including terminal bolt set					
100	J, 100A	3	OS100GJ12	1SCA115665R1001	2.2
100	J, 100A	4	OS100GJ22F	1SCA115668R1001	2.5
Mechanism at the end of the switch fuse					
Protected tunnel terminals, IP20, cable size 2.5...25 mm2 (AWG 14 - 4).					
60	J, 60A	3	OS60GJ03	1SCA115866R1001	1.3
60	J, 60A	4	OS60GJ04F	1SCA115445R1001	1.6
Including terminal bolt set					
100	J, 100A	3	OS100GJ03	1SCA115436R1001	2.2
100	J, 100A	4	OS100GJ04F	1SCA115438R1001	2.5
F = Fused switched neutral					
Recommended shafts and handles					
Suitable for switches			Shaft	Handle	Terminal bolts
OS30FA (OS Mini)			OXp6X150	OHB65J6	-
OS60G			OXp6X161	OHB45J6	-
OS100G			OXp6X161	OHB65J6	M8X25

Ordering information, UL/CSA

Switch fuses, J and L types

OS200J02



Front operated fusible disconnect switches

Including terminal bolt set.

Ampere rating [A]	Fuse size	No. of poles	Type	Order number	Weight/unit [kg]
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Mechanism at the end of the switch fuse

OS400J03



Including terminal bolt set

200	J/200A	2	OS200J02	1SCA107591R1001	2.1
200	J/200A	3	OS200J03	1SCA022733R6130	3.1
200	J/200A	4	OS200J04F	1SCA022758R9340	4.0
400	J/400A	2	OS400J02	1SCA107592R1001	5.0
400	J/400A	3	OS400J03	1SCA022755R0810	6.8
400	J/400A	4	OS400J04F	1SCA022755R3660	8.6
600	J/600A	2	OS600J02	1SCA107593R1001	10.0
600	J/600A	3	OS600J03	1SCA022825R8610	13.0
600	J/600A	4	OS600J04F	1SCA022839R3900	15.9
800	L/800A	2	OS800L02	1SCA116920R1001	9.8
800	L/800A	3	OS800L03	1SCA022825R9760	13.0
800	L/800A	4	OS800L04F	1SCA022839R5350	15.9
1200	L/1200A	2	OS1200L02	1SCA116924R1001	37
1200	L/1200A	3	OS1200L03	1SCA105467R1001	45
1200	L/1200A	4	OS1200L04F	1SCA105465R1001	54

F = Fused switched neutral

OS400J04F



OS600J02



Recommended shafts and handles

Suitable for switches	Shaft	Handle	Terminal bolts
OS200	XP6X210	0HB65J6	M8X25
OS400	XP12X250	0HB95J12	M10X30
OS600...800	XP12X280	0HB145J12	M12X40
OS1200	XP12X395	0HB274J12	M12X50

OS800L04F



Ordering information, UL/CSA

Switch fuses, CC and J types

OS60GJS40F



OS100GJS30



Side operated fusible disconnect switches

Ampere rating [A]	Fuse size	No. of poles	Type	Order number	Weight/unit [kg]
Protected tunnel terminals, IP20.					
30	CC, 30A	3	OS30FACCS30	1SCA108822R1001	0.7
30	J, 30A	3	OS30FAJS30	1SCA108834R1001	0.8
60	J, 60A	3	OS60GJS30	1SCA116051R1001	1.3
60	J, 60A	4	OS60GJS40F	1SCA115970R1001	1.7
Including terminal bolt set					
100	J, 100A	3	OS100GJS30	1SCA115971R1001	2.3
100	J, 100A	4	OS100GJS40F	1SCA115972R1001	2.7

F = Fused switched neutral

Recommended shafts and handles

Suitable for switches	Shaft	Handle	Terminal bolts
OS30FA (OS Mini)	OXp6X70	OHB65J6	-
OS60GJS	OXp6X42-T0	OHB65D6	-
OS100GJS	OXp6X42-T0	OHB65D6	M8X25

Ordering information, IEC

Motorized switch fuses OSM, DIN-type

OSM63GD3M230C



OSM160GD3M230C



OSM200D4N2M230C



OSM400D3M230C



OSM800D3M230C



OSM1250D3M230C



Motorized switch fuses OSM

Including a handle for manual operation, bolt kit with nut and washers for all terminals (100A...1250A), male connectors for control circuit and a handle and spare fuse storage clip. Type codes for motor voltage $U_e = 220-240$ VAC

Rated current AC-20...23 ≤ 690V	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
32	000	3	OSM32GD3M230C	1SCA116664R1001	7.0
32	000	4	OSM32GD4N2M230C	1SCA118822R1001	7.3
63	000	3	OSM63GD3M230C	1SCA116660R1001	7.0
63	000	4	OSM63GD4N2M230C	1SCA118865R1001	7.3
125	000,00	3	OSM125GD3M230C	1SCA116674R1001	7.6
125	000,00	4	OSM125GD4N2M230C	1SCA118828R1001	7.9
160	000,00	3	OSM160GD3M230C	1SCA116673R1001	7.6
160	000,00	4	OSM160GD4N2M230C	1SCA118831R1001	7.9
200	0	3	OSM200D3M230C	1SCA104284R1001	9.6
200	0	3+N	OSM200D3N3M230C	1SCA104282R1001	9.8
200	0	4	OSM200D4N2M230C	1SCA118836R1001	10.7
250	0-1	3	OSM250D3M230C	1SCA104295R1001	10.4
250	0-1	3+N	OSM250D3N3M230C	1SCA104297R1001	10.5
250	0-1	4	OSM250D4N2M230C	1SCA118838R1001	11.2
400	0-2	3	OSM400D3M230C	1SCA104315R1001	14.8
400	0-2	3+N	OSM400D3N3M230C	1SCA104317R1001	15.1
400	0-2	4	OSM400D4N2M230C	1SCA118842R1001	16.7
630	3	3	OSM630D3M230C	1SCA104518R1001	34
630	3	3+N	OSM630D3N3M230C	1SCA104533R1001	35
630	3	4	OSM630D4N2M230C	1SCA118846R1001	38
800	3	3	OSM800D3M230C	1SCA104522R1001	34
800	3	3+N	OSM800D3N3M230C	1SCA104534R1001	35
800	3	4	OSM800D4N2M230C	1SCA118847R1001	38
1250	4	3	OSM1250D3M230C	1SCA112549R1001	55
1250	4	3+N	OSM1250D3N3M230C	1SCA112547R1001	56
1250	4	4	OSM1250D4N2M230C	1SCA118850R1001	65
1250	4a	3	OSM1250DA3M230C	1SCA112546R1001	55
1250	4a	3+N	OSM1250DA3N3M230C	1SCA112544R1001	56
1250	4a	4	OSM1250DA4N2M230C	1SCA118851R1001	65

Number of poles: 3+N / Type: _N3_ = Include a detachable neutral link integrated into the mechanism

N2 = Non-fused switched neutral on the right side

Available on request: F = Fused switched neutral

Handles and bolt kits included as standard

Suitable for switch fuses	Handle+shaft kit	Bolt kit
OSM32...63	OTV250EMK	-
OSM100...200	OTV250EMK	M8x25
OSM250	OTV250EMK	M10x30
OSM400	OTV400EMK	M10x30
OSM630...800	OTV800EMK	M12x40
OSM1250	OTV1000EMK	M12x50

Ordering information, IEC

Motorized switch fuses OSM, BS-type

OSM100GB3M230C



OSM250B3N3M230C



OSM250B4N1M230C



OSM315B3N3M230C



Motorized switch fuses OSM

Including a handle for manual operation, bolt kit with nut and washers for all terminals (100A...1250A), male connectors for control circuit and a handle and spare fuse storage clip.
Type codes for motor voltage $U_e = 220-240 \text{ VAC}$.

Rated current AC-20...23 ≤ 690V	Fuse size	No. of poles	Type	Order number	Weight/ unit [kg]
32	A2-A3	3	OSM32GB3M230C	1SCA116662R1001	7.0
32	A2-A3	4	OSM32GB4N1M230C	1SCA118775R1001	7.3
63	A2-A3	3	OSM63GB3M230C	1SCA116657R1001	7.0
63	A2-A3	4	OSM63GB4N1M230C	1SCA118776R1001	7.3
100	A2-A4	3	OSM100GB3M230C	1SCA116679R1001	7.6
100	A2-A4	4	OSM100GB4N1M230C	1SCA118779R1001	7.9
125	A2-A4	3	OSM125GB3M230C	1SCA116677R1001	7.6
125	A2-A4	4	OSM125GB4N1M230C	1SCA118780R1001	7.9
160	A2-A4	3	OSM160GB3M230C	1SCA116670R1001	7.6
160	A2-A4	4	OSM160GB4N1M230C	1SCA118781R1001	7.9
200	B1-B2	3	OSM200B3M230C	1SCA104272R1001	9.6
200	B1-B2	3+N	OSM200B3N3M230C	1SCA104323R1001	9.8
200	B1-B2	4	OSM200B4N1M230C	1SCA118784R1001	10.7
250	B1-B3	3	OSM250B3M230C	1SCA104287R1001	10.4
250	B1-B3	3+N	OSM250B3N3M230C	1SCA104290R1001	10.5
250	B1-B3	4	OSM250B4N1M230C	1SCA118785R1001	11.2
315	B1-B4	3	OSM315B3M230C	1SCA104303R1001	14.8
315	B1-B4	3+N	OSM315B3N3M230C	1SCA104306R1001	15.1
315	B1-B4	4	OSM315B4N1M230C	1SCA118788R1001	16.7
400	B1-B4	3	OSM400B3M230C	1SCA104310R1001	14.8
400	B1-B4	3+N	OSM400B3N3M230C	1SCA104312R1001	15.1
400	B1-B4	4	OSM400B4N1M230C	1SCA118789R1001	16.7
630	C1-C2	3	OSM630B3M230C	1SCA104516R1001	34
630	C1-C2	3+N	OSM630B3N3M230C	1SCA104535R1001	35
630	C1-C2	4	OSM630B4N1M230C	1SCA118791R1001	38
800	C1-C3	3	OSM800B3M230C	1SCA104520R1001	34
800	C1-C3	3+N	OSM800B3N3M230C	1SCA104536R1001	35
800	C1-C3	4	OSM800B4N1M230C	1SCA118792R1001	38
1250	D1	3	OSM1250B3M230C	1SCA112552R1001	55
1250	D1	3+N	OSM1250B3N3M230C	1SCA112550R1001	56
1250	D1	4	OSM1250B4N1M230C	1SCA118795R1001	65

Number of poles: 3+N / Type: _N3_ = Include a detachable neutral link integrated into the mechanism

N1 = Non-fused switched neutral on the left side

Available on request: F = Fused switched neutral, N2 = Non-fused switched neutral on the right side

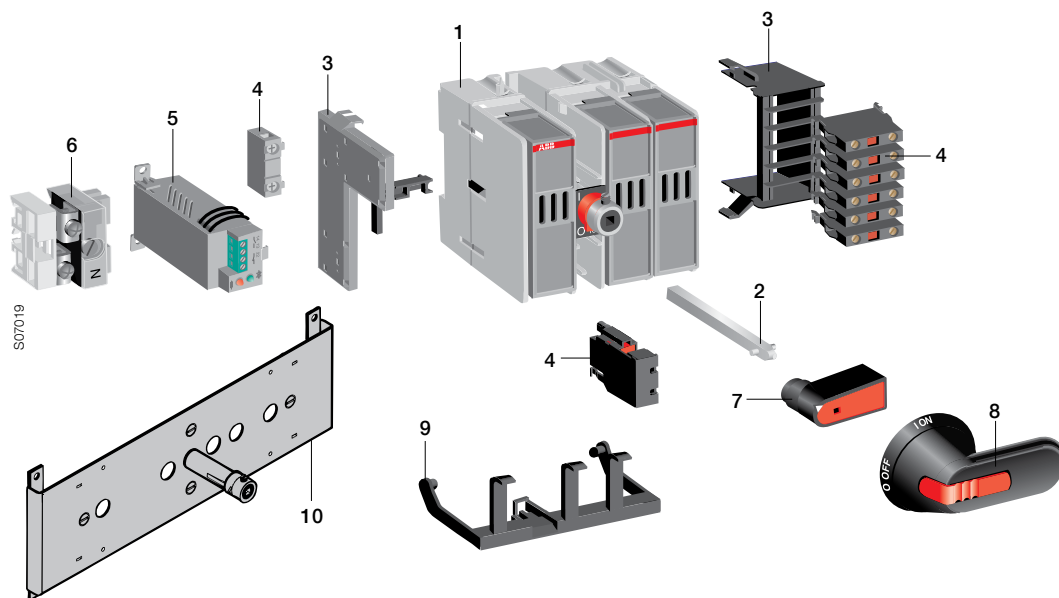
Handle and bolt kits included as standard

Suitable for switch fuses	Handle+shaft kit	Bolt kit
OSM32...63	OTV250EMK	-
OSM100...200	OTV250EMK	M8x25
OSM250	OTV250EMK	M10x30
OSM315...400	OTV400EMK	M10x30
OSM630...800	OTV800EMK	M12x40
OSM1250	OTV1000EMK	M12x50

Accessories

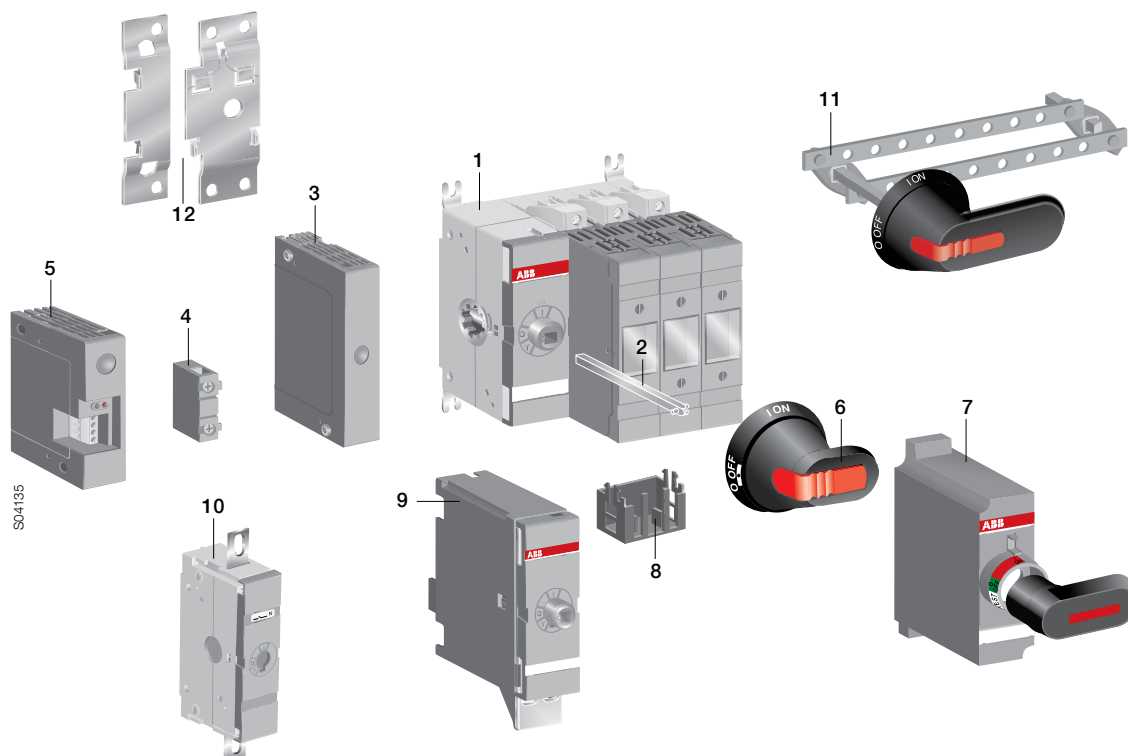
Selection overview

OS16...OS40 (OS Mini)



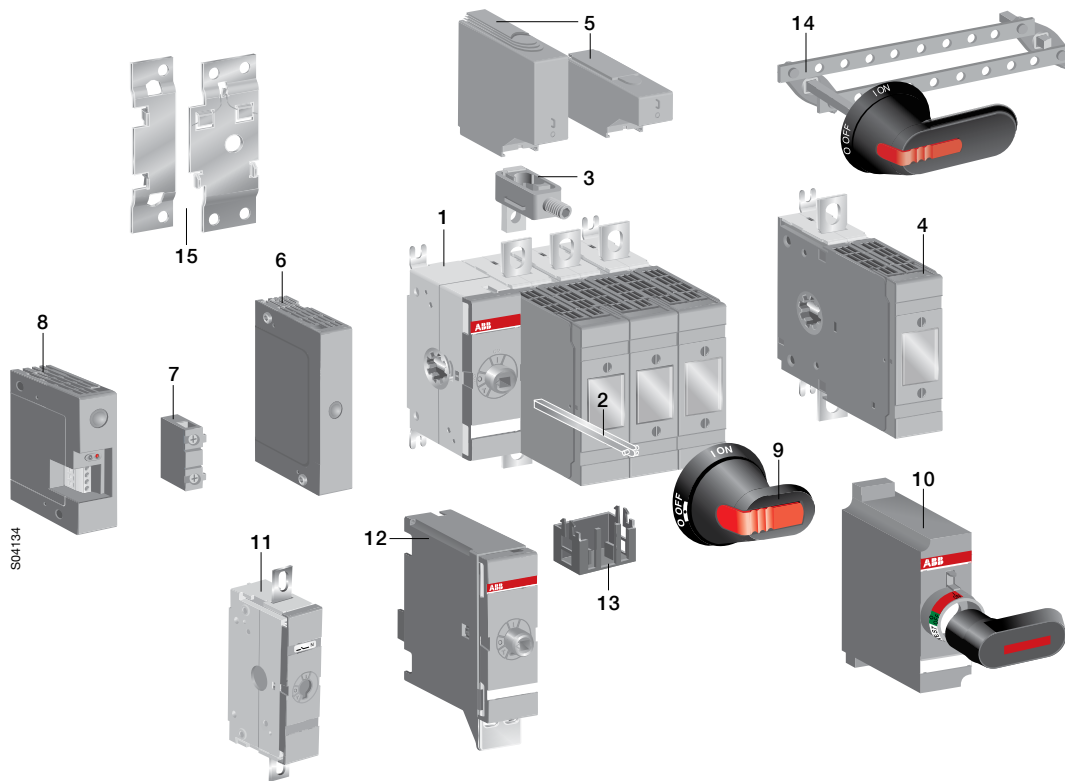
1 Switch fuse | 2 Extended shaft | 3 Mounting frame for auxiliary contact | 4 Auxiliary contact | 5 Fuse monitor | 6 Detachable neutral link | 7 Handle knob | 8 Pistol type handle | 9 Blown fuse indicator | 10 Conversion kit: 6/8-pole, C/O, mech. interlock

OS32G...OS63G



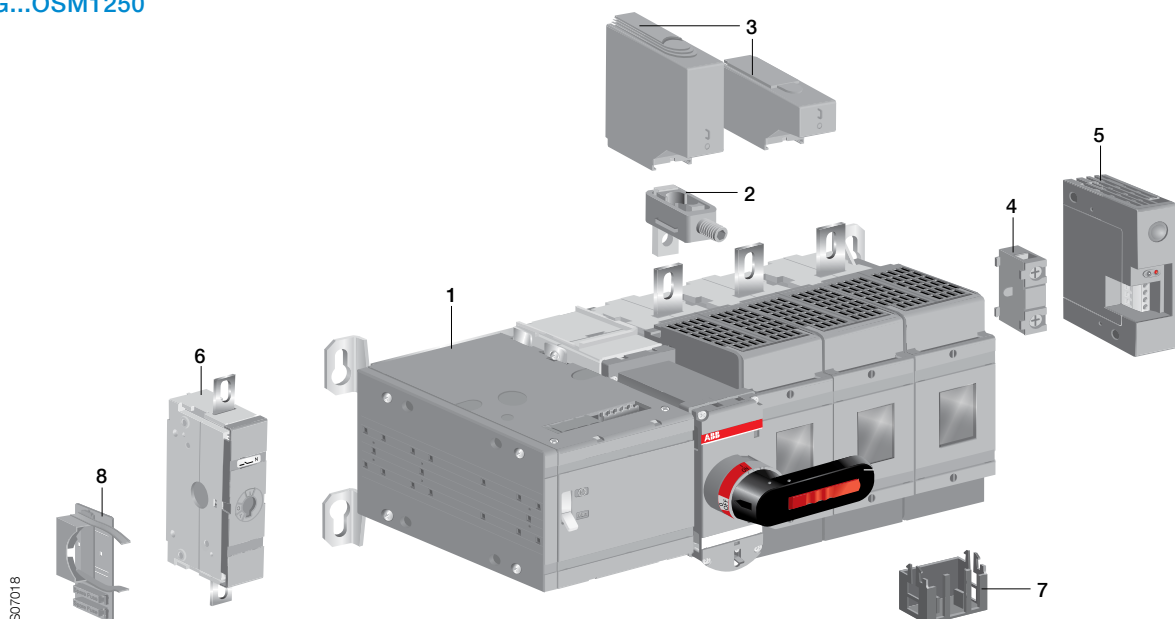
1 Switch fuse | 2 Extended shaft | 3 Module for auxiliary contacts | 4 Auxiliary contact | 5 Fuse monitor | 6 Pistol type handle | 7 Direct mounted handle | 8 Blown fuse indicator | 9 Interlocks, mechanical & electrical | 10 Detachable neutral link | 11 Conversion kit: 6/8-pole, C/O, bypass, mech. interlock | 12 DIN rail mounting kit

OS100G...OS1250_



1 Switch fuse | 2 Extended shaft | 3 Terminal clamp | 4 Fourth pole | 5 Terminal shroud | 6 Module for auxiliary contacts | 7 Auxiliary contact | 8 Fuse monitor | 9 Pistol type handle | 10 Direct mounted handle | 11 Detachable neutral link | 12 Interlocks, mechanical & electrical | 13 Blown fuse indicator | 14 Conversion kit: 6/8-pole, C/O, bypass, mech. interlock | 15 DIN rail mounting kit (only for OS100G...160G_)

OSM32G...OSM1250



1 Motor operator | 2 Terminal clamp | 3 Terminal shroud | 4 Auxiliary contact | 5 Fuse monitor | 6 Detachable neutral link | 7 Blown fuse indicator | 8 Storage for handle and fuses

Ordering information

Accessories

OHB65J6



OHY65J6



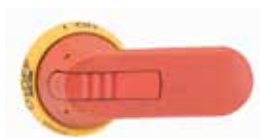
OHG65J6



OHB95J12



OHY95J12T



OHB125J12



Pistol handles for front operated switch fuses

Plastic pistol handles, IP 65, Nema type 1, 3R, 12

Padlockable with 3 padlocks in the OFF-position, door interlock in the ON-position. Screw fixing from the back side of the handle ensures double insulation.

Colour	Handle length [mm]	Type	Order number	Weight/unit [kg]
For shaft diameter 6 mm (for OSMini and OS32...250)				
Black and red-yellow: I-O/ON-OFF, grey: I-O.				
Black	45	OHB45J6	1SCA022380R8770	0.12
Red-yellow	45	OHY45J6	1SCA022380R8930	0.12
Grey	45	OHG45J6	1SCA022380R8850	0.12
Black	65	OHB65J6	1SCA022380R9660	0.12
Red-yellow	65	OHY65J6	1SCA022380R9820	0.12
Grey	65	OHG65J6	1SCA022380R9740	0.12
Black	80	OHB80J6	1SCA022381R0240	0.14
Black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.				
Black	45	OHB45J6T	1SCA109870R1001	0.12
Black	65	OHB65J6T	1SCA022399R8110	0.12
Red-yellow	65	OHY65J6T	1SCA022456R9540	0.12
Grey	65	OHG65J6T	1SCA022456R9620	0.12
Black	80	OHB80J6T	1SCA022399R8290	0.14
For shaft diameter 12 mm (for OS315...400)				
Black and red-yellow: I-O/ON-OFF, grey: I-O.				
Black	95	OHB95J12	1SCA022381R0830	0.16
Red-yellow	95	OHY95J12	1SCA022381R1050	0.16
Grey	95	OHG95J12	1SCA022381R0910	0.16
Indication: Test-OFF-ON/Test-O-I				
Black	95	OHB95J12T	1SCA022736R1750	0.16
Red-yellow	95	OHY95J12T	1SCA022736R1910	0.16
For shaft diameter 12 mm (for OS630...800)				
Black and red-yellow: I-O/ON-OFF, grey: I-O.				
Black	125	OHB125J12	1SCA022381R1560	0.16
Red-yellow	125	OHY125J12	1SCA022381R1720	0.16
Grey	125	OHG125J12	1SCA022381R1640	0.16
Black	145	OHB145J12	1SCA022381R2110	0.17
Red-yellow	145	OHY145J12	1SCA022381R2370	0.17
Grey	145	OHG145J12	1SCA022381R2290	0.17
Black	175	OHB175J12	1SCA022381R2450	0.18
Red-yellow	175	OHY175J12	1SCA022381R2700	0.18
Grey	175	OHG175J12	1SCA022381R2610	0.18
Indication: Test-OFF-ON/Test-O-I				
Black	125	OHB125J12T	1SCA022652R2220	0.16
Red-yellow	125	OHY125J12T	1SCA022652R2310	0.16
Black	145	OHB145J12T	1SCA022652R2570	0.17
Red-yellow	145	OHY145J12T	1SCA022652R2650	0.17
Black	175	OHB175J12T	1SCA022708R0740	0.18

- 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 and NEMA4/4X handles are available on request.

Ordering information

Accessories

OHB274/330J12



OHY274J12



OHM_



YASDA_



Optional handles for front operated switch fuses

Plastic pistol handles, IP 65, Nema type 1, 3R, 12

Padlockable with 3 padlocks in the OFF-position, door interlock in the ON-position. Screw fixing from the back side of the handle ensures double insulation.

Colour	Handle length [mm]	Type	Order number	Weight/unit [kg]
For shaft diameter 12 mm (for OS1200...1250)				
Black and red-yellow: I-O/ON-OFF.				
Black	274	OHB274J12	1SCA115920R1001	0.54
Red-yellow	274	OHY274J12	1SCA115919R1001	0.54
Black	330	OHB330J12	1SCA115922R1001	0.58
Red-yellow	330	OHY330J12	1SCA115921R1001	0.58
Black	2x150	OHB150J12P	1SCA022865R9430	0.17
Red-yellow	2x150	OHY150J12P	1SCA101586R1001	0.17
Black	2x200	OHB200J12P	1SCA022865R9510	0.40
Red-yellow	2x200	OHY200J12P	1SCA101587R1001	0.40
Indication: Test-OFF-ON/Test-O-I				
Black	274	OHB274J12T	1SCA120250R1001	0.54
Black	330	OHB330J12T	1SCA120252R1001	0.58
Black	2x200	OHB200J12PT	1SCA106510R1001	0.40
Red-yellow	2x200	OHY200J12PT	1SCA111512R1001	0.40

- 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 and NEMA4/4X handles are available on request.

Stainless steel pistol handles, IP66, NEMA 4X

Padlockable with 3 padlocks in the OFF-position, door interlock in the ON-position, indication: I-O/ON-OFF

Colour	Handle length [mm]	Type	Order number	Weight/unit [kg]
For shaft diameter 6 mm (for OSMini and OS32...250)				
Metallic	65	OHM65L6	1SCA022739R1070	0.73
For shaft diameter 12 mm				
Metallic	125	OHM125L12	1SCA022739R1150	0.76
Metallic	175	OHM175L12	1SCA022739R1230	0.83
Metallic	275	OHM275L12	1SCA022832R4840	0.96

Metallic pistol handles

Padlockable with 3 padlocks in OFF-position, door interlock in the ON-position.

For shaft diameter 12 mm				
Black I-O	220	YASDA 7	1SCA022071R3010	0.70
Black ON-OFF	220	YASDA 8	1SCA022071R3270	0.70
Black I-O	320	YASDA35	1SCA104400R1001	0.80

Ordering information

Accessories

OHB65J6E00S



OHY65J6E00S



OHZX14



Pistol handles for side operated switch fuses

Plastic pistol handles, IP 65, Nema type 1, 3R, 12

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

Colour	Handle length [mm]	Type	Order number	Weight/unit [kg]
For shaft diameter 6 mm				
Plastic handles, black and red-yellow: I-O/ON-OFF, grey: I-O.				
Black	65	OHB65J6E00S	1SCA022382R9850	0.12
Red-yellow	65	OHY65J6E00S	1SCA022382R9930	0.12
Grey	65	OHG65J6E00S	1SCA022383R4510	0.12
Plastic handles, black and red-yellow: Test/I-O/ON-OFF, grey: Test/I-O.				
Black	65	OHB65J6TE00S	1SCA109016R1001	0.12
Red-yellow	65	OHY65J6TE00S	1SCA022688R0140	0.12
Grey	65	OHG65J6TE00S	1SCA109014R1001	0.12
For shaft diameter 12 mm				
Plastic handles, indication I-O/ON-OFF				
Black	145	OHB145J12E00S	1SCA022679R9700	0.17

- 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.

Extension ring for pistol handles

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

Ordering information

Accessories

OSV250DK



Direct mount handles for front operated switch fuses

Panel board handle, can be padlocked in the OFF-position. Includes a special shaft. The handle can also be used with a standard shaft as padlocking device.

Suitable for switches	Colour	Type	Order number	Weight/unit [kg]
Suitable for OS Mini				
Indication: I-O/ON-OFF/TEST Padlockable with 2 padlocks in the OFF- and Test-positions when the door is open. Max. bail dia 8 mm.				
OS20F...40F_	Black	OHBS5	1SCA109015R1001	0.05
Suitable for OS 32G...1250				

OSV400DK



Indication: Test OFF-ON/Test O-I indication Padlockable with three padlocks in the OFF-position, optionally also in the ON-position. Includes shaft and mechanism cover.

OS32G...160G, OS200J	Black	OSV200BK	1SCA022779R7530	0.14
OS200B/J_K	Red-yellow	OSVY200BK	1SCA022779R7700	0.14
OS200D...250D/B_K	Black	OSV250DK	1SCA022763R3510	0.16
OS200D...250D/B_K	Red-yellow	OSVY250DK	1SCA022778R6500	0.16
OS400D_K	Black	OSV400DK	1SCA022763R4230	0.34
OS400D_K	Red-yellow	OSVY400DK	1SCA022779R5590	0.34
OS315...400B/J_K	Black	OSV400BK	1SCA022763R3930	0.33
OS315...400B/J_K	Red-yellow	OSVY400BK	1SCA022779R5830	0.33
OS600...800_K	Black	OSV800DK	1SCA107794R1001	1.1
OS600...800_K	Red-yellow	OSVY800DK	1SCA108703R1001	1.1
OS1200...OS1250_K	Black	OSV1250DK	1SCA107797R1001	1.5
OS1200...OS1250_K	Red-yellow	OSVY1250DK	1SCA108702R1001	1.5

OSV1250DK



Direct mount handles for side operated switch fuses

Panel board handle, can be padlocked in the OFF-position. Includes a special shaft. The handle can also be used with a standard shaft as padlocking device.

Suitable for switches	Colour	Type	Order number	Weight/unit [kg]
Suitable for OS Mini				
Padlockable with three padlocks in the OFF- position when the door is open. Max. bail dia 6 mm.				
OS20F...40F_	Black	OHB4	1SCA022439R4050	0.05

OHB4



Fuse replacement handles

OFAE506



For DIN-fuse sizes	Type	Order number	Weights/unit [kg]
000,00,1,2,3	OFAE506	1SCA128175R1001	0.2

Ordering information

Accessories

OXP6X_

Extended shafts



OXP_X_-45



					
Shaft length [mm]	Front operated H [mm]	Side operated H [mm]	Type	Order number	Weight/unit [kg]
For OS 16...35 (Mini) ²⁾ , shaft diameter 6 mm					
150	135...210	154...166	OX P6X150 ⁵⁾	1SCA022295R5600	0.05
170	155...230	174...186	OX P6X170	1SCA108224R1001	0.05
265	250...325	269...281	OX P6X265	1SCA108225R1001	0.08
400	385...460	404...416	OX P6X400	1SCA108226R1001	0.12
150	135...210	154...166	OX P6X150-45 ¹⁾	1SCA022294R4400	0.05
170	155...230	174...186	OX P6X170-45 ¹⁾	1SCA108227R1001	0.05
265	380...460	269...281	OX P6X265-45 ¹⁾	1SCA108228R1001	0.08
400	380...460	404...416	OX P6X400-45 ¹⁾	1SCA108229R1001	0.12
For OS 40 (Mini) ²⁾ , shaft diameter 6 mm					
150	135...210	235...243	OX P6X150 ⁵⁾	1SCA022295R5600	0.05
170	155...230	255...363	OX P6X170	1SCA108224R1001	0.05
265	250...325	352...360	OX P6X265	1SCA108225R1001	0.08
400	385...460	487...495	OX P6X400	1SCA108226R1001	0.12
150	135...210	235...243	OX P6X150-45 ¹⁾	1SCA022294R4400	0.05
170	155...230	255...363	OX P6X170-45 ¹⁾	1SCA108227R1001	0.05
265	250...325	352...360	OX P6X265-45 ¹⁾	1SCA108228R1001	0.08
400	385...460	487...495	OX P6X400-45 ¹⁾	1SCA108229R1001	0.12
For OS 32G...63G ⁴⁾ , shaft diameter 6 mm					
63		161...167	OX P6X63	1SCA111010R1001	0.02
90		188...194	OX P6X90	1SCA022064R1180	0.03
130	127...174 ⁶⁾	228...234	OX P6X130	1SCA022057R0570	0.04
161	138...205		OX P6X161 ³⁾	1SCA022067R1760	0.05
210	187...254		OX P6X210	1SCA022295R6080	0.06
290	267...334		OX P6X290	1SCA022042R6370	0.08
360	337...404		OX P6X360	1SCA022042R6530	0.10
430	407...474		OX P6X430	1SCA022056R6030	0.12
210	187...254		OX P6X210-45 ¹⁾	1SCA022294R4230	0.06
290	267...334		OX P6X290-45 ¹⁾	1SCA022304R4290	0.08
360	337...404		OX P6X360-45 ¹⁾	1SCA022341R4640	0.10

¹⁾ The shaft position is rotated 45 degrees

²⁾ Side operated, 4-pole: add 36 mm

³⁾ Included as standard in P-types

⁴⁾ Side operated 3-pole OS60GJ: add 33mm, 4-pole types: OS32...63GD/GB: add 23.5 mm, OS60GJ: add 68mm

⁵⁾ Included as standard in front operated types

⁶⁾ OS32...63GB/GF: 115...174

Ordering information

Accessories

OHP6X_



Extended shafts

OHP_X_-45



OHP12X_



					
Shaft length [mm]	Front operated H [mm]	Side operated H [mm]	Type	Order number	Weight/unit [kg]
For OS100G...160G ²⁾ , shaft diameter 6 mm					
63		196...202	EXP6X63	1SCA111010R1001	0.02
90		223...229	EXP6X90	1SCA022064R1180	0.03
130	137...174 ⁴⁾	263...269	EXP6X130	1SCA022057R0570	0.04
161	138...205		EXP6X161 ³⁾	1SCA022067R1760	0.05
210	187...254		EXP6X210	1SCA022295R6080	0.06
290	267...334		EXP6X290	1SCA022042R6370	0.08
360	337...404		EXP6X360	1SCA022042R6530	0.10
430	407...474		EXP6X430	1SCA022056R6030	0.12
210	187...254		EXP6X210-45 ¹⁾	1SCA022294R4230	0.06
290	267...334		EXP6X290-45 ¹⁾	1SCA022304R4290	0.08
360	337...404		EXP6X360-45 ¹⁾	1SCA022341R4640	0.10
For OS 200...250 DIN-type, shaft diameter 6 mm					
161	160...205		EXP6X161	1SCA022067R1760	0.05
210	189...254		EXP6X210 ³⁾	1SCA022295R6080	0.06
290	269...334		EXP6X290	1SCA022042R6370	0.08
For OS 200...250 BS-type, shaft diameter 6 mm					
161	140...205		EXP6X161	1SCA022067R1760	0.05
210	189...254		EXP6X210 ³⁾	1SCA022295R6080	0.06
290	269...334		EXP6X290	1SCA022042R6370	0.08
For OS 315...400, shaft diameter 12 mm					
250	230...325		EXP12X250 ³⁾	1SCA022325R6980	0.30
280	260...355		EXP12X280	1SCA022137R5140	0.30
325	305...400		EXP12X325	1SCA022042R5810	0.36
395	375...470		EXP12X395	1SCA022042R5990	0.43
465	445...540		EXP12X465	1SCA022042R6020	0.51
535	515...610		EXP12X535	1SCA022042R6110	0.59

¹⁾ The shaft position is rotated 45 degrees
²⁾ Side operated 4-pole types: add 35mm
³⁾ Included as standard in P-types
⁴⁾ OS100GJ: 113...174, OS100GB...160GB: 121...174

Ordering information

Accessories

OXP12X_



OXP12X250-45



OETLZX95



Extended shafts

Shaft length [mm]	Front operated H [mm]	H [mm]	Type	Order number	Weight/ unit [kg]
For OS 630...800, shaft diameter 12 mm					
280	258...382		OXP12X280 ²⁾	1SCA022137R5140	0.30
325	303...427		OXP12X325	1SCA022042R5810	0.40
395	373...497		OXP12X395	1SCA022042R5990	0.50
465	443...567		OXP12X465	1SCA022042R6020	0.60
535	513...637		OXP12X535	1SCA022042R6110	0.70
280	258...382		OXP12X280-45 ¹⁾	1SCA022382R0800	0.30
325	303...427		OXP12X325-45 ¹⁾	1SCA022304R4450	0.40
For OS 1200...1250, shaft diameter 12 mm					
395	366...495 ³⁾	371...500 ⁴⁾	OXP12X395 ²⁾	1SCA022042R5990	0.43
465	436...565 ³⁾	441...570 ⁴⁾	OXP12X465	1SCA022042R6020	0.51
535	506...635 ³⁾	441...571 ⁴⁾	OXP12X535	1SCA022042R6110	0.59

¹⁾ The shaft position is rotated 45 degrees

²⁾ Included as standard in front operated P-types

³⁾ H with handle OH_274/330J12

⁴⁾ H with handle OHB150/200J12P

Shaft extension socket

For extending the shaft of combination attachment.

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

Adapters for extension socket

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

Suitable for shaft with diameter [mm]	Type	Order number	Weight/ unit [kg]
6/6, 6/12	OETLZK19	1SCA022093R1850	0.02

Ordering information

Accessories

OA4B10



Auxiliary contacts for OS20F...40F_ (OS Mini)

Units/type = 1 piece

Description	Type	Order number	Weight/ unit [kg]
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Mounting to the switch mechanism

Change over contacts

Auxiliary/test contacts. Max. two change over contacts.

See function chart below	OA4B1C	1SCA022193R0150	0.03
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Single pole contacts

> 3 mm contact gap.

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

Mounting on the side of the switch

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

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

Snap-on mounting on the switch, by using a frame OSZ4, IP20

NO contacts are provided with a positive opening feature.

Types _AU have gold plated contacts for harsh environments and low operating voltages.

1 NO	OA1G10	1SCA022353R4970	0.03
1 NC	OA3G01	1SCA022456R7410	0.03
1 NO	OA1G10AU	1SCA022436R7910	0.03
1 NC	OA3G01AU	1SCA022819R5260	0.03

OA3G01



OESAZX169



Mounting frames for auxiliary contacts of OS20F...40F_ (OS Mini)

Description	Amount of auxiliary contacts [pcs]	Type	Order number	Weight/ unit [kg]
Frame for auxiliary contacts OA1G10 and OA3G01 and for fuse monitor				
Mounting on the left side of the switch	max. 6	OSZ4	1SCA022530R0200	0.06
Frame for MCB-__ auxiliary contacts. Not suitable for side operated switches				
Mounting on the right side of the switch	max. 6	OESAZX169	1SCA022196R9360	0.06

Function chart, change over contacts OA4B1C / OS Mini

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

Ordering information

Accessories

OA3G01



OA3G01AU



Auxiliary contacts for OS/OSM32G...1250

Types _AU have gold plated contacts for harsh environments and low operating voltages.

Suitable for switches	Description	Protection degree	Type	Order number	Weight/unit [kg]
OS/OSM32G...1250	1NO	IP20	OA1G10	1SCA022353R4970	0.03
OS/OSM32G...1250	1NC	IP20	OA3G01	1SCA022456R7410	0.03
OS/OSM32G...1250	1NO	IP20	OA1G10AU	1SCA022436R7910	0.03
OS/OSM32G...1250	1NC	IP20	OA3G01AU	1SCA022819R5260	0.03

Mounting under the mechanism cover

The “test” contacts operate in ON- and OFF-positions as well as when the handle is turned to TEST-position = 45 degrees over the OFF-position. The “test indication” contacts operate only when the handle is turned to TEST-position. See the function table below. The OA1G10 (N.O.) or OA3G01 (N.C.) auxiliary contact blocks can be used as standard auxiliary contacts, “test” or “test indication” contacts. The desired functions are achieved when an auxiliary contact block is installed in a specific place shown in the mounting instruction. In order to activate the “test” and “test indication” features, a handle with test function is required. See the optional handles, pages 60...48.

Function table of OS/OSM32G...1250 auxiliary contacts

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

Maximum number of contact blocks, “Aux./test” contacts and “test indication” contacts, see the table below. Standard versions include all except for N3-types, which are equipped with integrated neutral through the mechanism.

Maximum number of auxiliary contacts under the mechanism cover

	OS/OSM32G...250		OS/OSM315...800		OS/OSM1200...1250	
Pole version	Standard	N3	Standard	N3	Standard	N3
Maximum number of contact blocks	4	0	8	4	12	8
Aux./Test contacts	4	0	4	2	8 ¹⁾	6 ²⁾
Test indication contacts	2	0	4	2	4	2

For contact timing, see pages 106 and 107.

¹⁾ 6 aux./test contacts and 2 early operation aux./test contacts

²⁾ 4 aux./test contacts and 2 early operation aux./test contacts

Mounting on the left side of the OS switch fuse:

Maximum 8 auxiliary contact blocks (N.O. or N.C.) with the OEA28 module.

Side operated types: OS_S30..._S40 types only.

Mounting on the right side of the OSM motorized switch fuse:

Maximum 4 auxiliary contact blocks (N.O. or N.C.), snap-on mounting.

Ordering information

Accessories

OEA28



Module for auxiliary contacts for OS32...1250

Description	Type	Order number	Weight/ unit [kg]
Screw mounting to the left side of the switch	OEA28	1SCA022714R8810	0.04

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

OA1G_, OA3G_	
U _i /[V]	690
U _{imp} /[kV]	4
Pollution degree	3
I _{th} /[A]	16
Cable size	1...2 x 0,75...2,5 mm ²
Maximum fuse	16 A/gG
NEMA	A600, R300
Wire size	18 - 14AWG, 1 (2)

OA1G_, OA3G_						
AC15		DC12		DC13		
U _e /[V]	I _e /[A]	U _e /[V]	I _e /[A]	P/[W]	I _e /[A]	P/[W]
230	6	24	10	240	2	48
400	4	72	4	288	0.8	58
690	2	125	2	250	0.55	69
		250	0.55	138	0.27	68
		440	0.1	44		

OA4_	
EN61058-1	
U _i /[V]	400
I _{th} /[A]	10
I _e	400V AC
	10 (4) A, 10E3
	6 (2,5) A, 50E3
NEMA	10 A, 125-250V AC, 1/4 HP
M3 Screw connection	

MCB_	
IEC60947-5-1	
U _i /[V]	690
I _{th} /[A]	10
I _e /[A]	
	24V
	110V
	220/240V
	250V
	380/415V
	660/690V
NEMA	A600, 10A, 600VAC

Ordering information

Accessories

OSP200-400D



Mounting plate for auxiliary contacts

Mount on the switch mechanism, max. 3 auxiliary contacts.

Suitable for switches	Type	Order number	
R: Mounting on the right side of the switch L: mounting on the left side of the switch			
OS100G...200G_	OEA30R	1SCA131817R1001	
OS100G...200G_	OEA30L	1SCA131816R1001	

OSP160GN



Fourth poles

Snap-on mounting to the side of the switch (not suitable for OSM-types).

Suitable for 3-pole switches	Mounting side	Type	Order number	Weight/unit [kg]
Fusible 4. poles				
OS100GB...160GB	Left/right	OSP160GB	1SCA114769R1001	0.45
OS125GD...160GD	Left/right	OSP160GD	1SCA114768R1001	0.45
OS200B	Left/right	OSP200B	1SCA022735R9180	1.20
OS200D	Left/right	OSP200D	1SCA022735R8960	1.20
OS250B	Left/right	OSP250B	1SCA022770R4030	1.20
OS250D	Left/right	OSP250D	1SCA022735R9340	1.20
OS315B...400B	Left/right	OSP400B	1SCA022770R3140	2.00
OS400D	Left/right	OSP400D	1SCA022770R3220	2.00
OS630...800D	Left/right	OSP800D	1SCA100433R1001	4.20
OS630...800B	Left/right	OSP800B	1SCA100434R1001	4.20
OS1250D	Left/right	OSP1250D	1SCA107946R1001	7.20
OS1250DA	Left/right	OSP1250DA	1SCA112402R1001	7.20
OS1250B	Left/right	OSP1250B	1SCA107950R1001	7.20

OSP250N



OSP800N



Switched 4. poles				
OS100G...160G	Left/right	OSP160GN	1SCA114770R1001	0.45
OS200_	Left/right	OSP200N	1SCA022735R8700	1.20
OS250_	Left/right	OSP250N	1SCA022735R9260	1.20
OS400_	Left/right	OSP400N	1SCA022770R3490	1.20
OS630...800	Left/right	OSP800N	1SCA100432R1001	4.40
OS1200...1250	Left/right	OSP1250N	1SCA107943R1001	7.20

Ordering information

Accessories

OSZ1



Neutral links

Max. wire	H/W/D [mm]	Mounting holes	Type	Order number	Weight/ unit [kg]
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For OS/OSM 32G...160G

Detachable, mounting onto the base plate or DIN-rail.

16 mm² Cu	39/41/40	ø 4.2, distance 32	OSZ1	1SCA022481R3710	0.06
35 mm² Cu	39/44/45	ø 4.2, distance 35	OSZ2	1SCA022481R3800	0.07

OXN250



For OS/OSM 100G...1250

Mounting with screws (included) onto either side of the switch (OXN250 to OS200...250) or on the base plate (OXN250...1250) according the table below.

Detachable, mounting on the switch			
OS200...250	OXN250	1SCA022752R9950	0.40
Detachable, mounting on the base plate			
OS/OSM32G...250	OXN250	1SCA022752R9950	0.40
OS/OSM315...400	OXN400	1SCA022770R3060	0.70
OS/OSM630...800	OXN800S	1SCA022831R4880	1.20
OS/OSM1250	OXN1250S	1SCA104163R1001	2.50

OXN400



OXN800S



Ordering information

Accessories

OTVS1



OTVS2



Solid links

Suitable for	Type	Order number	Weight/ unit [kg]
OS32GD...OS160GD	OFAW00	1SCA022003R9680	0.08
OS200...250B, J	OEZNL1	1SCA022723R7400	0.19
OS600J, 800...1200L	OEZNL8	1SCA113998R1001	0.58
OS1250B	OEZNL10	1SCA116437R1001	0.60
OS250 D	OFAW1	1SCA022003R9760	0.15
OS400 D	OFAW2	1SCA022003R9840	0.24
OS630/800 D	OFAW3	1SCA022003R9920	0.28

Handle and spare fuse storage clip for OSM

Handle and two spare fuses (for motor operator) can be stored on the OTVS_. OTVS_ can be installed on the left side of the motorized switch-fuse OSM_. Snap-on mounting, no tools required. On OSM1250, the size of the handle prevents the installation onto the switch frame. However, the handle clip can be separately installed on the panel frame and the fuse holder clip onto the switch frame.

Suitable for	Type	Order number	Weight/ unit [kg]
OSM32G...250	OTVS1	1SCA111413R1001	0.02
OSM315...1250	OTVS2	1SCA111414R1001	0.04

Phase barriers

The phase barriers designed for ABB Tmax T4-T5 MCCB's can also be used for OS200...400 switch fuses. 3-pole switch fuses need 4 barriers and 4-pole switch fuses need 6 barriers for full protection. Cutting width of the phase barrier 55mm.

Suitable for switches	No. of poles	Height h [mm]	Type	Order number	Units/ type [pcs]
OS100G...OS200G	3	-	OSB160/4	1SCA131820R1001	4
OS100G...OS200G	3	-	OSB160/6	1SCA131821R1001	6
OS250	3	-	OSB250/4	1SCA131822R1001	4
OS250	4	-	OSB250/6	1SCA131823R1001	6
OS315, OS400	3	200	PB200 high	1SDA054972R1	4
OS315, OS400	4	200	PB200 high	1SDA054973R1	6

Ordering information

Accessories

OSS200G1L



Terminal shrouds

OSS200G1S



OSS250G1L



OSS800G1L



OSS800G1S



OSS250G1SH



Suitable for switches	Description	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Pack of single pole terminal shrouds					
Snap-on mounting, grey plastic, IP 3X from front. Transparent shrouds available on request.					
OS/OSM100G...160G	Long type	OSS160GG1L/3	1SCA114764R1001	3	0.08
OS/OSM100G...160G	Short type	OSS160GG1S/3	1SCA114766R1001	3	0.05
OS/OSM100G...160G	Long type	OSS160GG1L/4	1SCA114765R1001	4	0.11
OS/OSM100G...160G	Short type	OSS160GG1S/4	1SCA114767R1001	4	0.07
OS/OSM200	Long type	OSS200G1L/3	1SCA022731R8910	3	0.09
OS/OSM200	Short type	OSS200G1S/3	1SCA022732R0130	3	0.06
OS/OSM200	Long type	OSS200G1L/4	1SCA022731R9040	4	0.12
OS/OSM200	Short type	OSS200G1S/4	1SCA022732R0050	4	0.08
OS/OSM250	Long type	OSS250G1L/3	1SCA022731R9390	3	0.09
OS/OSM250	Short type	OSS250G1S/3	1SCA022731R9550	3	0.06
OS/OSM250	Long type	OSS250G1L/4	1SCA022731R9470	4	0.12
OS/OSM250	Short type	OSS250G1S/4	1SCA022731R9630	4	0.08
OS/OSM315...400	Long type	OSS400G1L/3	1SCA022776R6650	3	0.18
OS/OSM315...400	Short type	OSS400G1S/3	1SCA022776R6900	3	0.10
OS/OSM315...400	Long type	OSS400G1L/4	1SCA022776R6730	4	0.25
OS/OSM315...400	Short type	OSS400G1S/4	1SCA022776R7030	4	0.15
OS/OSM600...800	Long type	OSS800G1L/3	1SCA022776R7200	3	0.53
OS/OSM600...800	Short type	OSS800G1S/3	1SCA022776R7540	3	0.21
OS/OSM600...800	Long type	OSS800G1L/4	1SCA022776R7380	4	0.70
OS/OSM600...800	Short type	OSS800G1S/4	1SCA022776R7460	4	0.28
OS1200...1250/ OSM1250	Long type	OSS1250G1L/3	1SCA107938R1001	3	0.76
OS1200...1250/ OSM1250	Short type	OSS1250G1S/3	1SCA107939R1001	3	0.40
OS1200...1250/ OSM1250	Long type	OSS1250G1L/4	1SCA107940R1001	4	1.00
OS1200...1250/ OSM1250	Short type	OSS1250G1S/4	1SCA107941R1001	4	0.52
Terminal shrouds suitable for mechanisms with detachable integrated neutral (N3 versions)					
OS/OSM100G...250_N3_	Long type	OTS250G1L	1SCA022715R5340	1	0.03
OS/OSM100G...250_N3_	Short type	OTS250G1S	1SCA022715R5260	1	0.02
OS/OSM315...400_N3_	Long type	OSS250G1L	1SCA022727R5080	1	0.03
OS/OSM315...400_N3_	Short type	OSS250G1S	1SCA022727R4940	1	0.02
OS/OSM630...800_N3_	Long type	OTS800G1L	1SCA022776R7710	1	0.10
OS/OSM630...800_N3_	Short type	OTS800G1S	1SCA022776R8010	1	0.06
OS1200...1250/OSM1250_N3_	Long type	OTS1600G1L	1SCA106134R1001	1	0.20
OS1200...1250/OSM1250_N3_	Short type	OTS1600G1S	1SCA102667R1001	1	0.12
Single pole terminal shroud for the fourth pole side terminals (LR-types)					
IP20, snap-on mounting, grey plastic.					
OS250_LR	Short type	OSS250G1SH/1	1SCA103500R1001	1	0.003
OS400_LR	Short type	OSS400G1SH/1	1SCA103503R1001	1	0.003

Please consult us when using OS600J...OS800L with OZXA-800 lugs

Ordering information

Accessories

OSS160GG3LS



Terminal shrouds

Three and four pole terminal shrouds for side terminals (LR types)

IP20. Snap-on mounting, grey plastic.

Suitable for switches	No. of poles	Remarks	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
OS100G...160G_LR	3	Long type	OSS160GG3LS	1SCA121570R1001	1	0.01
OS100G...160G_LR	4	Long type	OSS160GG4LS	1SCA121571R1001	1	0.01
OS200...400_	3	Short type	OSS400G3SS	1SCA100390R1001	1	0.01
OS200...400_	3	Long type	OSS400G3LS	1SCA100396R1001	1	0.01
OS200...400_	4	Left side, short	OSS400G4SSL	1SCA100392R1001	1	0.01
OS200...400_	4	Left side, long	OSS400G4LSL	1SCA100398R1001	1	0.01
OS200...400_	4	Right side, short	OSS400G4SSR	1SCA100394R1001	1	0.01
OS200...400_	4	Right side, long	OSS400G4LSR	1SCA100400R1001	1	0.01

OSS400G3LS



Single pole shroud for terminal clamps

Snap-on mounting, transparent plastic, IP 2X.

Suitable for terminal clamps	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
OZXB2, 2L	OZXB2K	1SCA022264R0010	3	0.06
OZXB3, 4	OZXB3K	1SCA022264R0440	3	0.18
OZXB5, 6	OZXB4K	1SCA022199R2850	3	0.24
OZXB7, 7L	OZXB5K	1SCA022283R8040	3	0.15

OEZXU14



Terminal angle for side terminals (LR types)

Terminal angle extension bar for cable connections in upper or lower position.

Including terminal bolts M10x30.

Suitable for switches	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
OS100G...160G_LR, 3-pole	OEZXU68/3	1SCA121380R1001	3	
OS100G...160G_LR, 4-pole	OEZXU68/4	1SCA121379R1001	4	
OS200...400_LR	OEZXU14/3	1SCA100361R1001	3	0.24
OS200...400_LR	OEZXU14/4	1SCA101082R1001	4	0.32

Ordering information

Accessories

OZXT1



Terminal clamp sets for Al- and Cu-cables

Suitable for switches	Cable cross section [mm²]	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
Insulated versions					
OS/OSM32G...63G	16...50 Al, 2.5...50 Cu	OZXT1	1SCA022469R6310	3	0.05

OZXB8



OZXB-type Al/Cu connectors made of stainless steel

Suitable for switches	Cable cross section [mm²]	Suitable shroud	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
OS/OSM100G...160G ¹⁾	10...70	OSS160G_	OZXB1L	1SCA022169R2030	3	0.15
OS/OSM100G...160G ¹⁾	95...185	OSS160G_	OZXB8	1SCA022744R1510	3	0.50
OS/OSM200	10...70	OSS200_L	OZXB1L	1SCA022169R2030	3	0.15
OS/OSM200	25...120	OZXB2K	OZXB2	1SCA022119R7610	3	0.34
OS/OSM200 ²⁾	25...120	OZXB2K	OZXB2L	1SCA022158R7750	3	0.42
OS/OSM200	95...185	OSS200_L	OZXB8	1SCA022744R1510	3	0.50
OS200	95...240	OSS200_L	OZXB9	1SCA022750R3210	3	0.50
OSM250	10...70	OSS200_L	OZXB1L	1SCA022169R2030	3	0.15
OS/OSM250 ²⁾	25...120	OZXB2K	OZXB2L	1SCA022158R7750	3	0.42
OS/OSM250 ²⁾	95...185	OZXB3K	OZXB3	1SCA022136R8100	3	1.30
OS/OSM250 ²⁾	2x(95...185)	OZXB3K	OZXB4	1SCA022137R4760	3	1.70
OS/OSM250 ²⁾	120...300	OZXB4K	OZXB5	1SCA022137R2470	3	2.30
OS/OSM250 ²⁾	120...240	OZXB5K	OZXB7L	1SCA022185R7130	3	1.20
OS/OSM250 ²⁾	95...185	OSS250_L	OZXB8	1SCA022744R1510	3	0.50
OS250 ²⁾	95...240	OSS250_L	OZXB9	1SCA022750R3210	3	0.50
OS200...400_LR_	95...240	OSS400G4LSL	OZXB17	1SCA022859R3230	3	0.53

OZXB2L



OZXB17



¹⁾ Suitable for OS125G...160G_LR -types only with terminal angle OEZXU68
²⁾ Suitable for OS250_BB -types, OS200B_LR, for OS250_LR types suitable only with terminal angle OEZXU14

Ordering information

Accessories

OZXB2L



Terminal clamp sets for Al- and Cu-cables

Suitable for switches	Cable cross section [mm²]	Suitable shroud	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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OZXB-type Al/Cu connectors made of stainless steel

OS/OSM315...400 ¹⁾	25...120	OSS400_L	OZXB2L	1SCA022158R7750	3	0.42
OS/OSM315...400 ¹⁾	95...185	OZXB3K	OZXB3	1SCA022136R8100	3	1.30
OS/OSM315...400 ¹⁾	2x(95...185)	OZXB3K	OZXB4	1SCA022137R4760	3	1.70
OS315...400 ¹⁾	120...300	OZXB4K	OZXB5	1SCA022137R2470	3	2.30
OS315...400 ¹⁾	2x(120...300)	OZXB4K	OZXB6	1SCA022137R4920	3	3.03
OS/OSM315...400 ¹⁾	120...240	OZXB5K	OZXB7	1SCA022185R0040	3	1.00
OS/OSM315...400 ¹⁾	95...185	OSS400_L	OZXB8	1SCA022744R1510	3	0.50
OS/OSM315...400 ¹⁾	95...240	OSS400_L	OZXB9	1SCA022750R3210	3	0.50
OS/OSM630...800	95...185	OSS800_L	OZXB3	1SCA022136R8100	3	1.30
OS/OSM630...800	2x(95...185)	OSS800_L	OZXB4	1SCA022137R4760	3	1.70
OS/OSM630...800	120...300	OSS800_L	OZXB5	1SCA022137R2470	3	2.30
OS/OSM630...800	2x(120...300)	OSS800_L	OZXB6	1SCA022137R4920	3	3.03
OS/OSM630...800	120...240	OSS800_L	OZXB7L	1SCA022185R7130	3	1.20
OS/OSM630...800	95...185	OSS800_L	OZXB8	1SCA022744R1510	3	0.50
OS/OSM630...800	95...240	OSS800_L	OZXB9	1SCA022750R3210	3	0.50

¹⁾ Suitable for OS315...400_BB_-types, for OS315...400_LR_-types suitable only with terminal angle OEZXU14

OZXB8



Ordering information

Accessories

OZXB8



Terminal clamp sets for Al- and Cu-cables

Suitable for switches	Cable cross section [mm ²]	Suitable shroud	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
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OZXB-type Al/Cu connectors made of stainless steel

OZXR95



OS/OSM1250	95...185	OTS1600_L	OZXB3	1SCA022136R8100	3	1.30
OS/OSM1250	2x(95...185)	OTS1600_L	OZXB4	1SCA022137R4760	3	1.70
OS/OSM1250	120...300	OTS1600_L	OZXB5	1SCA022137R2470	3	2.30
OS/OSM1250	2x(120...300)	OTS1600_L	OZXB6	1SCA022137R4920	3	3.03
OS/OSM1250	120...240	OTS1600_L	OZXB7L	1SCA022185R7130	3	1.20
OS/OSM1250	95...185	OTS1600_L	OZXB8	1SCA022744R1510	3	0.50
OS/OSM1250	95...240	OTS1600_L	OZXB9	1SCA022750R3210	3	0.50

OZXR185



OZXR type Al/Cu connectors made of stainless steel and copper²⁾

OS100G...160G ¹⁾	6...70	OSS160G_L	OZXR70	1SCA115529R1001	3	0.15
OS100G...160G ¹⁾	25...95	OSS160G_L	OZXR95	1SCA115530R1001	3	0.21
OS200	25...95	OSS200_L	OZXR95	1SCA115530R1001	3	0.21
OS200	95...185	OSS200_L	OZXR185	1SCA115531R1001	3	0.45
OS200	2x(95...185)	-	OZXR2X185	1SCA115534R1001	3	0.66
OS250	95...185	OSS250_L	OZXR185	1SCA115531R1001	3	0.45
OS250	2x(95...185)	-	OZXR2X185	1SCA115534R1001	3	0.66
OS315...400	95...240	OSS400_L	OZXR240	1SCA115532R1001	3	0.42
OS315...400	2x(95...185)	-	OZXR2X185	1SCA115534R1001	3	0.66
OS315...400	185...300	-	OZXR300	1SCA115533R1001	3	0.87
OS630...800	2x(185...300)	OSS800_L	OZXR2X300	1SCA115535R1001	3	1.59

OZXR240



OZXP type Al/Cu connectors made of tin plated aluminium profile²⁾

OS100G...160G ¹⁾	6...95	OSS160G_L	OZXP95	1SCA115539R1001	3	0.09
OS200	6...95	OSS200_L	OZXP95	1SCA115539R1001	3	0.09
OS200	16...120	OSS200_L	OZXP120	1SCA115540R1001	3	0.15
OS200	25...150	-	OZXP150	1SCA115541R1001	3	0.18
OS200	35...240	-	OZXP240	1SCA115542R1001	3	0.27
OS250	35...240	-	OZXP240	1SCA115542R1001	3	0.27
OS315...400	35...240	-	OZXP240	1SCA115542R1001	3	0.27
OS315...400	95...300	-	OZXP300	1SCA115543R1001	3	0.42
OS315...400	2x(70...240)	-	OZXP2X240	1SCA115544R1001	3	1.38
OS630...800	2x(70...240)	OSS800_L	OZXP2X240	1SCA115544R1001	3	1.38

OZXR300



¹⁾ For _LR-types, suitable only with terminal angle OEZXU68

²⁾ Suitable also for OS200...400_BB_, for OS200...400_LR_-types suitable only with terminal angle OEZXU14

Ordering information

Accessories

OESAZW2



Conversion kits for front operated combination switches

Suitable for switches	Switches needed [pcs]	Shaft distance [mm]	Type	Order number	Units/ type [pcs]	Weight/ unit [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

OS Mini	Two 3-pole		OWP6DS1	1SCA105255R1001	1	0.69
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8-pole switches, OS Mini

OS Mini	Two 4-pole		OWP6DS2	1SCA105256R1001	1	0.69
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6 and 8-pole switches, OS32G...400

The attachment levers are provided with holes, enabling different shaft distances.

The combination switches can be mounted either horizontally or vertically.

OS32G...250	Two 3- or 4-pole	45+(0-13)x15	OESAZW2	1SCA022078R1600	1	0.37
OS315...400	Two 3- or 4-pole	60+(0-19)x20	OETLZW9	1SCA022061R3300	1	1.1

OTZW25



Change-over switch mechanism

Two switches connected with a mechanism operating into I-O-II positions.

OS Mini	Two 3-pole	-	OWC6DSH1	1SCA105251R1001	1	1.0
OS Mini	Two 4-pole	-	OWC6DSH2	1SCA105252R1001	1	1.0
OS32G...250	Two 3- or 4-pole	210+(0 - 18)x20	OTZW25	1SCA022778R6920	1	2.8
OS315...400	Two 3- or 4-pole	210+(0 - 11)x20	OETLZW11	1SCA022078R0030	1	3.0
OS315...400	Two 3- or 4-pole	210+(0 - 20)x20	OETLZW12	1SCA022078R0200	1	4.6

OTZW26



Bypass switch mechanism

A combination of two switches in parallel with a third switch for change-over operation to bypass, for example, a breaker for maintenance. The bypass attachment can be used together with another combination attachment.

OS32G...250	Three 3- or 4-pole		OTZW26	1SCA022778R7060	1	3.3
	Between 1 and 2:	210+(0 - 9)x20				
	Between 1 and 3:	250+(0 - 9)x20				
OS315...400	Three 3- or 4-pole		OETLZW13	1SCA022078R0460	1	4.0
	Between 1 and 2:	210+(0 - 18)x20				
	Between 1 and 3:	250+(0 - 18)x20				

OETLZW3



Mechanical interlock mechanism

Prevents one switch from closing to ON -position, if the other is not in OFF - position.

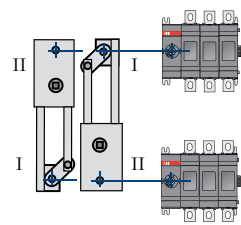
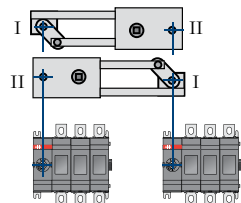
OTZW/OETLZW-types: When mounted upside down, prevents one switch from opening to OFF-position, if the other is not in the ON-position. (UPS-usage, make-before-break)

OS Mini	Two 3-pole	-	OWM6DS1	1SCA105253R1001	1	0.30
OS Mini	Two 4-pole	-	OWM6DS2	1SCA105254R1001	-	0.30
OS32G...250	Two 3- or 4-pole	190	OTZW10	1SCA022431R5280	1	0.40
OS315...800	Two 3- or 4-pole	250	OETLZW14	1SCA022077R3410	1	0.70
OS315...800	Two 3- or 4-pole	300	OETLZW3	1SCA022049R0380	1	0.80
OS315...1250	Two 3- or 4-pole	500	OETLZW15	1SCA022081R9340	1	1.24

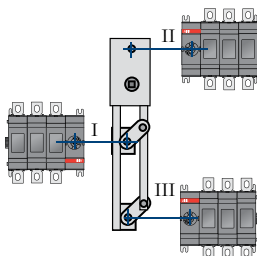
Ordering information

Accessories

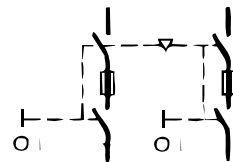
Change-over switches



Change-over and bypass switches



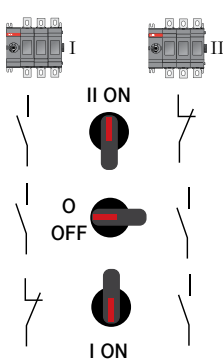
Mechanical interlock



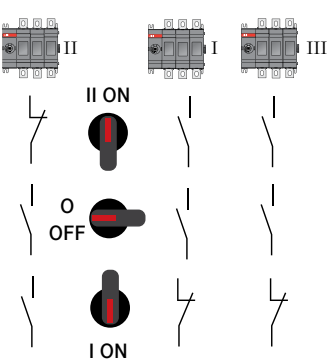
Shafts and handles for conversion kits

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						
OWP6DS1	x	-	-	-	-	x
OWP6DS2	x	-	-	-	-	x
OESAZW2	-	-	x (2 pcs)	OHB145J12	-	-
OETLZW9	-	-	-	-	x	x
Change-over switches						
OWC6DSH1	x (length min. 170mm)	-	-	OHB65J6E011	-	-
OWC6DSH2	x (length min. 170mm)	-	-	OHB65J6E011	-	-
OTZW25	-	-	x (2 pcs)	OHB95J12E011	-	-
OETLZW11	-	-	x (2 pcs)	OHB145J12E011	-	-
OETLZW12	-	-	x (2 pcs)	YASDA21	-	-
Bypass switches						
OTZW26	-	-	x (3 pcs)	OHB95J12E011	-	-
OETLZW13	-	-	x (3 pcs)	YASDA 6	-	-
Mechanical interlock						
OWM6DS1	x (2 pcs, length min. 170mm)	x (2 pcs)	-	-	-	-
OWM6DS2	x (2 pcs, length min. 170mm)	x (2 pcs)	-	-	-	-
OTZW10	-	-	-	-	x	x
OETLZW14	-	-	-	-	x	x
OETLZW3	-	-	-	-	x	x
OETLZW15	-	-	-	-	x	x

Change-over switches



Bypass switches



Ordering information

Accessories

OFM260



Electronic fuse monitor

Includes the auxiliary contacts 1NO + 1NC. More information, see brochure OFM_OFS20GB.

Rated voltage [V]	Type	Order number	Weight/ unit [kg]
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OS Mini

Mounting onto the left side of OS Mini (with a frame OSZ4) or on mounting plate.

OFS260



120...240/AC	OFM240	1SCA022579R1340	0.2
120...260/AC	OFM260	1SCA022459R8560	0.14
380...600/AC	OFM600	1SCA022579R1260	0.2
380...690/AC	OFM690	1SCA022459R8480	0.14

OS/OSM32G...1250

Mounting onto the left side of OS32G-1250 switch fuse (right side of OSM motorized switch fuses) or on DIN-rail or on mounting plate.

OFD500EA



100...260/AC	OFS260	1SCA022716R0180	0.16
380...690/AC	OFS690	1SCA022715R9920	0.16
48...110/DC	OFD110EA	1SCA121775R1001	0.155
110...500/DC	OFD500EA	1SCA121776R1001	0.155

Mounting accessories for fuse monitor

Suitable for switches	Flat terminal size [mm]	Type	Order number	Units/ type [pcs]	Weight /unit [kg]
Crimp terminals					
OS_	2.8 - 0.8	OFMZX2	1SCA022475R9910	6	0.01
Mounting frame for OS Mini					
Mounting on the left side of the switch		OSZ4	1SCA022530R0200	1	0.60

OFMZX2



OSZ4



Ordering information

Accessories

OSD25P3



Blown fuse indicators (DPMM)

Striker type fuse is needed. See the dimensions in IEC60269-2-1, Section 1A.

Suitable for switches	Type	Order number	Weight/unit [kg]
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OS Mini

Auxiliary contact (1x C/O) included. See the ratings on page 63, type OA4

OSGD50P4



for 3-pole switches	OSD25P3	1SCA022192R9060	0.10
for 4-pole switches, fused neutral	OSD25P4	1SCA022196R9520	0.10

OS/OSM50GF_

Auxiliary contacts (3 x C/O in 3-pole, 4 x C/O in 4-pole) included. Ratings: lth: 5A, AC15: 0.15A/250VAC. NEMA 5A, 125-250 VAC, 1/10 HP

for 3-pole switches	OSGD50P3	1SCA116401R1001	0.015
for 4-pole switches, fused neutral	OSGD50P4	1SCA115689R1001	0.020

OSGD125P3



OS/OSM125GF_

Auxiliary contacts (3 x C/O in 3-pole, 4 x C/O in 4-pole) included. Ratings: lth: 5A, AC15: 0.15A/250VAC. NEMA 5A, 125-250 VAC, 1/10 HP

for 3-pole switches	OSGD125P3	1SCA115690R1001	0.025
for 4-pole switches, fused neutral	OSGD125P4	1SCA115692R1001	0.035

OS/OSM250D...800D

Auxiliary contacts (3xNO + 3xNC in 3-pole and 4xNO + 4xNC in 4-pole) included. See the ratings on page 63, type OA1G_, OA3G_

OSZX3



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

Ordering information

Accessories

OSZT1A



Cam attachment

For Castell, Lowe & Fletcher and Ronis interlock. Cam attachment for adapting the switches to the interlock system. The interlock is not included.

Suitable for switches	Type	Order number	Weight /unit [kg]
OS16...250	OETLZW16	1SCA022095R2070	0.17
OS315...1250	OETLZW5	1SCA022052R3900	0.14

OSZT2A



Mechanism interlock kits and Electrical interlocks

OS32G...1250 switch fuses can be interlocked in the OFF position using padlocks and by using a mechanical interlock kit mounted on the mechanism. The diameter of the lock bail can be max 8 mm.

Note: The shaft must go through the interlock into the switch mechanism.

Suitable for switches	Type	Order number	Weight /unit [kg]
Interlocking in the OFF position			
OS32G...160G	OTZT1A	1SCA106522R1001	0.21
OS200 ... 250_	OSZT1A	1SCA106532R1001	0.32
OS315 ... 400_	OSZT2A	1SCA106534R1001	0.75
OS600 ...800_	OSZT3A	1SCA106535R1001	1.20
OS1200 ... 1250_	OSZT4A	1SCA106536R1001	2.00
Interlocking in the OFF & ON positions			
OS32G...160G	OTZT1L	1SCA106527R1001	0.21
OS200 ... 250_	OSZT1L	1SCA106538R1001	0.32
OS315 ... 400_	OSZT2L	1SCA106539R1001	0.75
OS600 ...800_	OSZT3L	1SCA106540R1001	1.20
OS1200 ... 1250_	OSZT4L	1SCA106541R1001	2.00

Ordering information

Accessories

PDAL2-230AC50Hz



Coils

By installing a coil inside the housing of the interlock kit the switch can be interlocked electrically in the OFF position or both in the OFF and ON positions. The electrical interlock works using the "closed circuit principle", meaning that when the control voltage is not connected to the coil, the switches provided with A-type interlocks cannot be turned to the ON position and switches with L-type interlocks cannot be turned to the ON or OFF positions.

OSGZD1



Suitable for switches	Type	Order number	Weight /unit [kg]
AC coils			
24 VAC, 60 Hz	PDAL2/24AC60Hz	1SCA111350R1001	0.15
110 VAC, 50Hz	PDAL2/110AC50Hz	1SCA106543R1001	0.15
110 VAC, 60Hz	PDAL2/110AC60Hz	1SCA107100R1001	0.15
120 VAC, 60 Hz	PDAL2/120AC60Hz	1SCA111353R1001	0.15
208 VAC, 60Hz	PDAL2/208AC60Hz	1SCA107101R1001	0.15
230 VAC, 50Hz	PDAL2/230AC50Hz	1SCA107102R1001	0.15
240 VAC, 60 Hz	PDAL2/240AC60Hz	1SCA111356R1001	0.15
DC coils			
24 VDC	PDAL2/24DC	1SCA106542R1001	0.15
48 VDC	PDAL2/48DC	1SCA107103R1001	0.15
60 VDC	PDAL2/60DC	1SCA107104R1001	0.15
110 VDC	PDAL2/110DC	1SCA107105R1001	0.15
125 VDC	PDAL2/125DC	1SCA111338R1001	0.15
220 VDC	PDAL2/220DC	1SCA112503R1001	0.15

Technical data for the coil

Operating voltage		$U=0.7...1.1 \times U_n$	
Operating ambient temperature		-40°C...+65°C	
Power consumption	with AC	6.5 W	
	with DC	9 VA	

Mounting accessories

DIN-rail mounting kit

For mounting a switch fuse into 35 mm DIN-rail

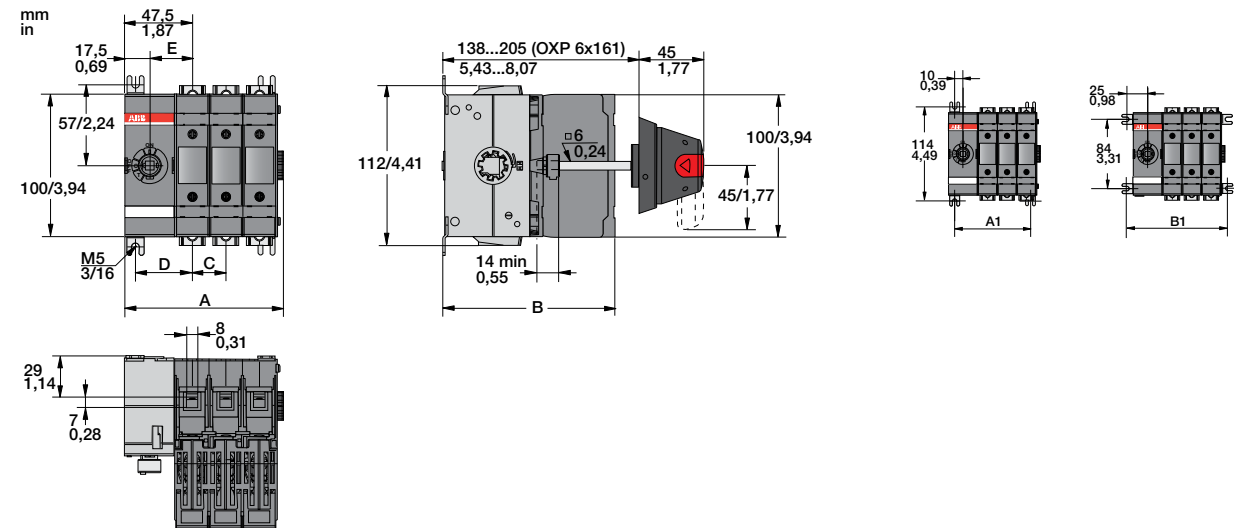
Suitable for switches	Type	Order number	Weight /unit [kg]
OS32G...160G, 1 - 4 -pole	OSGZD1	1SCA115688R1001	0.20

Dimension drawings, IEC

Front operated switch fuses

OS32...63G P

Mechanism at the end of the switch fuse



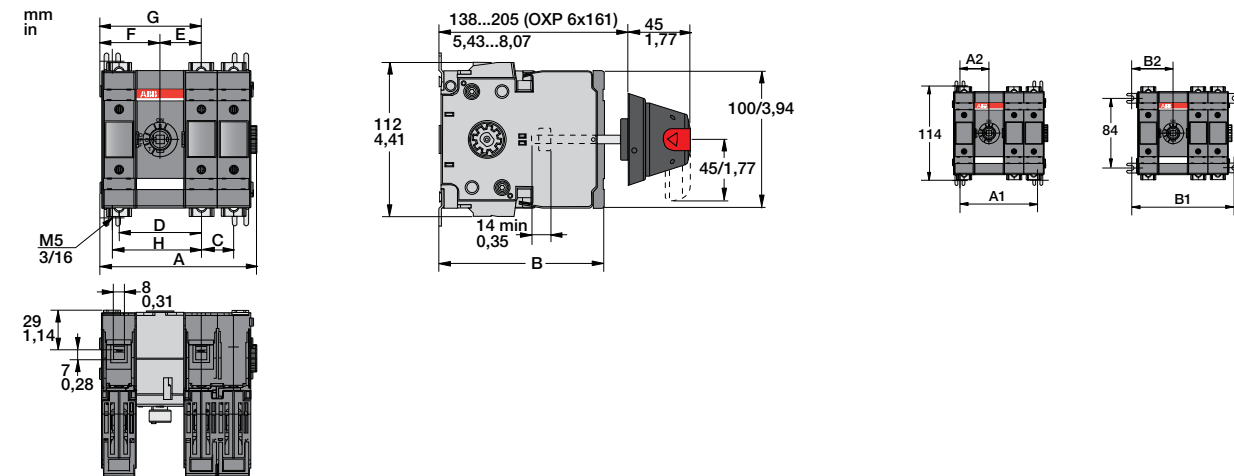
OS32-63GD

[mm]	D01	D02	D03	D04
A	64,5	88	111,5	135,5
B	120,5	120,5	120,5	120,5
C	-	23,5	23,5	23,5
D	40	40	40	40
E	30	30	30	30
A1	45	68,5	92	111,5
B1	75	98,5	122	145,5

OS32-63GB/F

[mm]	B/F01	B/F02	B/F03	B/F04
A	64,5	88	111,5	135,5
B	108,5	108,5	108,5	108,5
C	-	23,5	23,5	23,5
D	40	40	40	40
E	30	30	30	30
A1	45	68,5	92	111,5
B1	75	98,5	122	145,5

Mechanism between the poles



OS32-63GD

[mm]	D11	D12	D13	D22
A	91	114,5	138	138
B	120,5	120,5	120,5	120,5
C	-	23,5	23,5	23,5
D	60	60	60	60
E	30	30	30	30
F	44	44	44	67,5
G	74	74	74	97,5
A1	70	93,5	117	117
A2	35	35	35	58,5
B1	100	123,5	147	147
B2	50	50	50	73,5

OS32-63GB/F

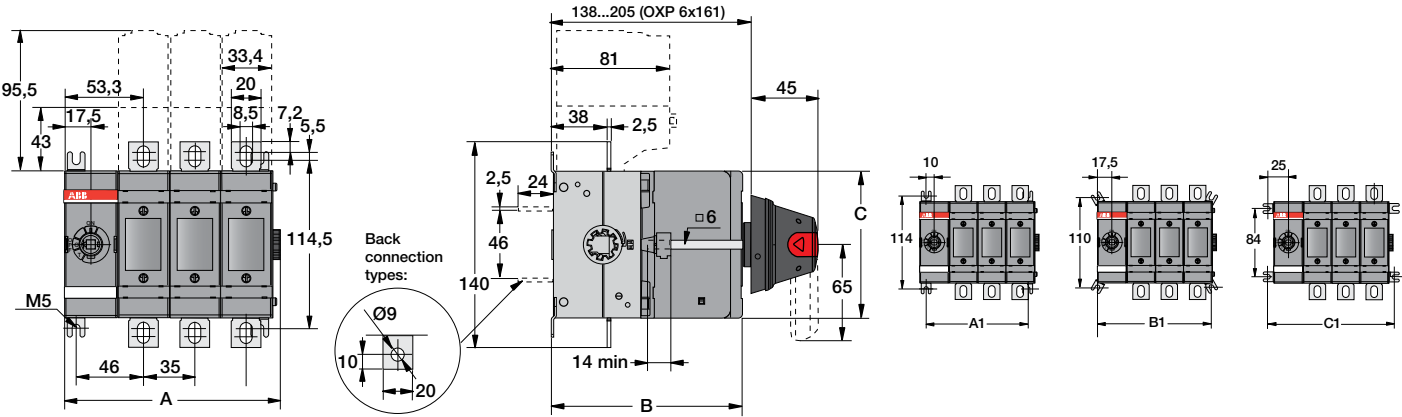
[mm]	B/F11	B/F12	B/F13	B/F22
A	91	114,5	138	138
B	108,5	108,5	108,5	108,5
C	-	23,5	23,5	23,5
D	60	60	60	60
E	30	30	30	30
F	44	44	44	67,5
G	74	74	74	97,5
A1	70	93,5	117	117
A2	35	35	35	58,5
B1	100	123,5	147	147
B2	50	50	50	73,5

Dimension drawings, IEC

Front operated switch fuses

OS100...160G P

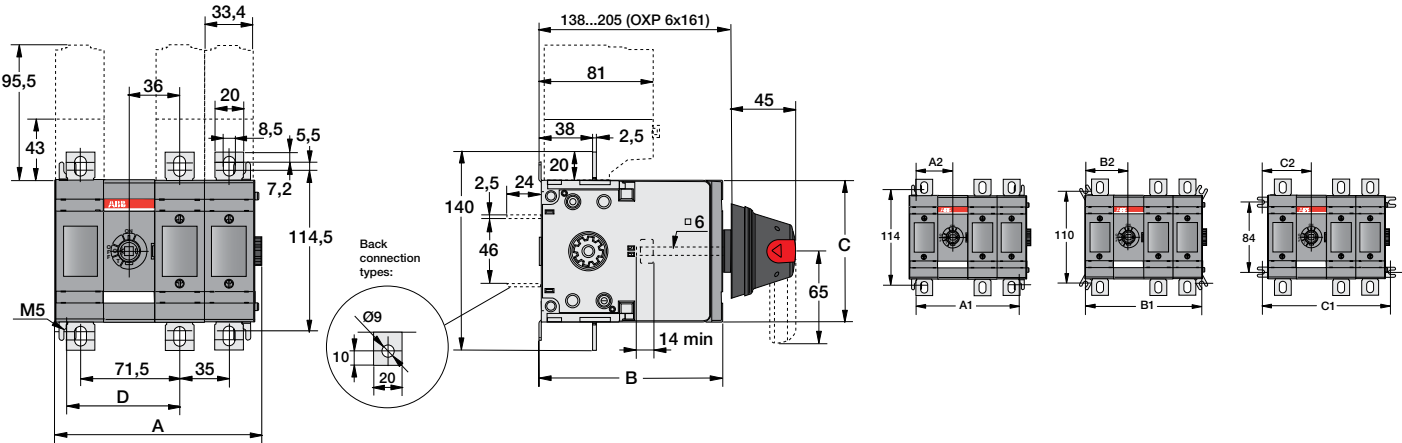
Mechanism at the end of the switch fuse



OS100-160G				
[mm]	D/F01	D/F02	D/F03	D/F04
A	76,5	111,5	146,5	181,5
B	130	130	130	130
C	100	100	100	100
A1	55	90	125	160
B1	70	105	140	175
C1	85	120	155	190

OS100-200G				
[mm]	B01	B02	B03	B04
A	76,5	111,5	146,5	181,5
B	114,5	114,5	114,5	114,5
C	118	118	118	118
A1	55	90	125	160
B1	70	105	140	175
C1	85	120	155	190

Mechanism between the poles

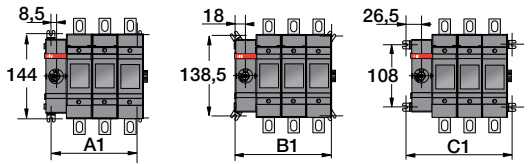
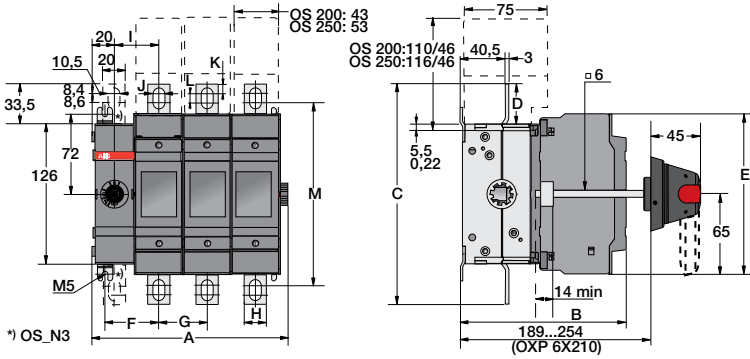


OS100-160GD/F				
[mm]	D/F11	D/F12	D/F13	D/F22
A	113	148	183	183
B	130	130	130	130
C	100	100	100	100
D	81	81	81	116
A1	90	125	160	160
A2	45	45	45	80
B1	105	140	175	175
B2	52,5	52,5	52,5	87,5
C1	120	155	190	190
C2	60	60	60	95

Dimension drawings, IEC Front operated switch fuses

OS200_P and OS250_P

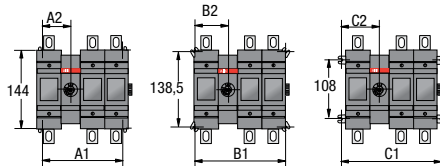
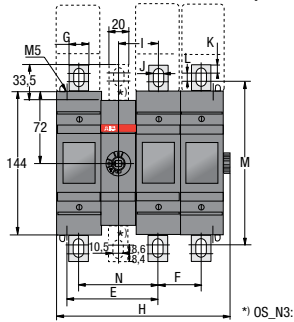
Mechanism at the end of the switch fuse



OS200								
[mm]	D01	B01	D02	B02	D03	B03	D04	B04
A	89,5	89,5	133	133	176,5	176,5	220	220
B	149	130	149	130	149	130	149	130
C	198,5	198,5	198,5	198,5	198,5	198,5	198,5	198,5
D	36,5	36,5	36,5	36,5	36,5	36,5	36,5	36,5
E	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5
F	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5
G	-	-	43,5	43,5	43,5	43,5	43,5	43,5
H	20	20	20	20	20	20	20	20
I	40	40	40	40	40	40	40	40
J	10	10	10	10	10	10	10	10
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4
L	8,6	8,6	8,6	8,6	8,6	8,6	8,6	8,6
M	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5
A1	60,5	60,5	104	104	147,5	147,5	191	191
B1	79,5	79,5	123	123	166,5	166,5	210	210
C1	96,5	96,5	140	140	183,5	183,5	227	227

OS250				
[mm]	D01/B01	D02/B02	D03/B03	D04/B04
A	99,5	153,5	207,5	261,5
B	154	154	154	154
C	193	193	193	193
D	33,5	33,5	33,5	33,5
E	148,5	148,5	148,5	148,5
F	53,5	53,5	53,5	53,5
G	-	54	54	54
H	25	25	25	25
I	45	45	45	45
J	11	11	11	11
K	11,5	11,5	11,5	11,5
L	4	4	4	4
M	162	162	162	162
A1	70,5	124,5	178,5	232,5
B1	89,5	143,5	197,5	251,5
C1	106,5	160,5	214,5	268,5

Mechanism between the poles



OS200								
[mm]	D11	B11	D12	B12	D13	B13	D22	B22
A	149	130	149	130	141	130	149	130
B	199	199	199	199	199	199	199	199
C	36,5	36,5	36,3	36,5	36,5	36,5	36,5	36,5
D	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5
E	92	92	92	92	92	92	135,5	135,5
F	43,5	43,5	43,5	43,5	43,5	43,5	43,5	43,5
G	20	20	20	20	20	20	20	20
H	132	132	175,5	175,5	219	219	219	219
I	40	40	40	40	40	40	40	40
J	10	10	10	10	10	10	10	10
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4
L	8,6	8,6	8,6	8,6	8,6	8,6	8,6	8,6
M	165	165	165	165	165	165	165	165
N	80	80	80	80	80	80	80	80
A1	104	104	147,5	147,5	191	191	191	191
A2	52	52	52	52	52	52	95,5	95,5
B1	123	123	166,5	166,5	210	210	210	210
B2	61,5	61,5	61,5	61,5	61,5	61,5	105	105
C1	140	140	183,5	183,5	227	227	227	227
C2	70	70	70	70	70	70	113,5	113,5

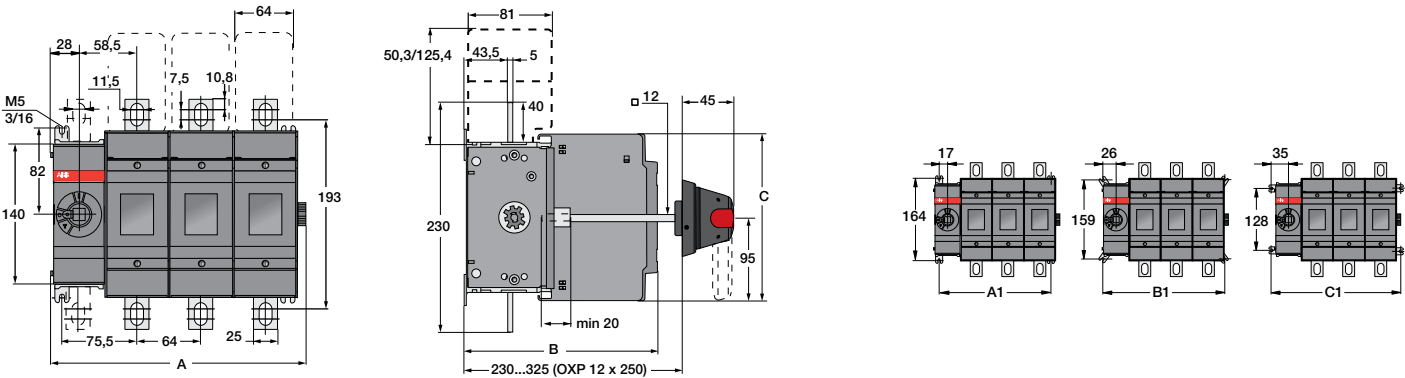
OS250				
[mm]	D11	D12	D13	D22
A	154	154	154	154
B	193	193	193	193
C	33,5	33,5	33,5	33,5
D	148,5	148,5	148,5	148,5
E	112,5	112,5	112,5	161
F	54	54	54	54
G	25	25	25	25
H	152	206	260	260
I	45	45	45	45
J	11	11	11	11
K	11,5	11,5	11,5	11,5
L	4	4	4	4
M	162	162	162	162
N	90	90	90	90
A1	124	178	232	232
A2	62	62	62	116
B1	143	197	251	251
B2	71,5	71,5	71,5	128
C1	160	214	268	268
C2	80	80	80	134

Dimension drawings, IEC

Front operated switch fuses

OS315_P and OS400_P

Mechanism at the end of the switch fuse



OS315				
[mm]	B01	B02	B03	B04
A	127	191	255	319
B	176	176	176	176
C	194	194	194	194

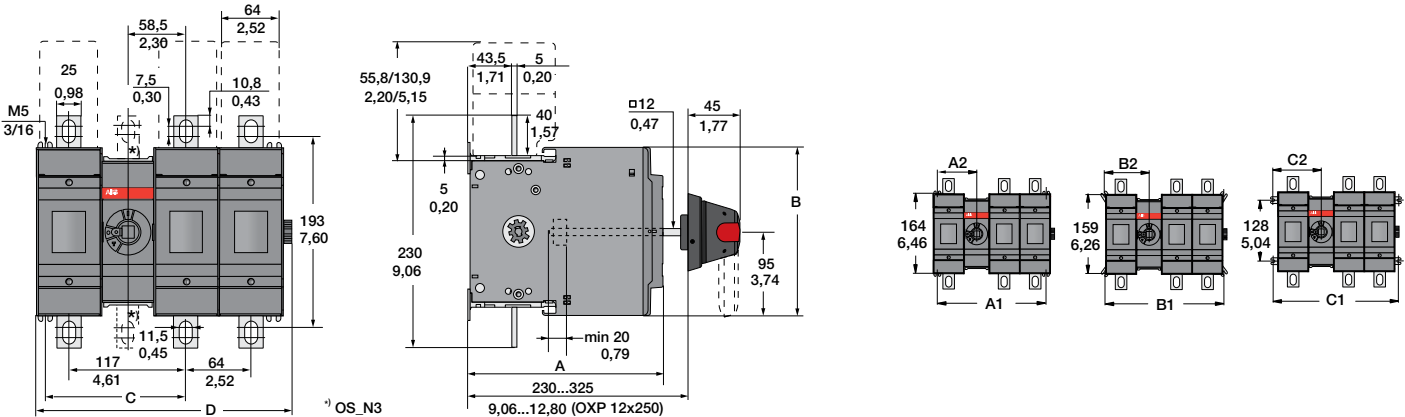
OS315				
[mm]	B01	B02	B03	B04
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

OS400

[mm]	B01	B02	B03	B04	D01	D02	D03	D04
A	127	191	255	319	127	191	255	319
B	176	176	176	176	193	193	193	193
C	194	194	194	194	166	166	166	166

OS400				
[mm]	B01/D01	B02/D02	B03/D03	B04/D04
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

Mechanism between the poles



OS315-400					
[mm]	B11	B12	B13	B21	B22
A	176	176	176	176	176
B	194	194	194	194	194
C	140	140	140	204	204
D	190	254	318	254	318

OS315					
[mm]	B11	B12	B21	B22	B13
A1	163	227	227	291	291
A2	81,5	81,5	145,5	145,5	81,5
B1	181	245	245	309	309
B2	90,5	90,5	154,5	154,5	90,5
C1	199	263	263	327	327
C2	99,5	99,5	163,5	163,5	99,5

OS400					
[mm]	D11	D12	D13	D21	D22
A	193	193	193	193	193
B	166	166	166	166	166
C	140	140	140	204	204
D	190	254	318	254	318

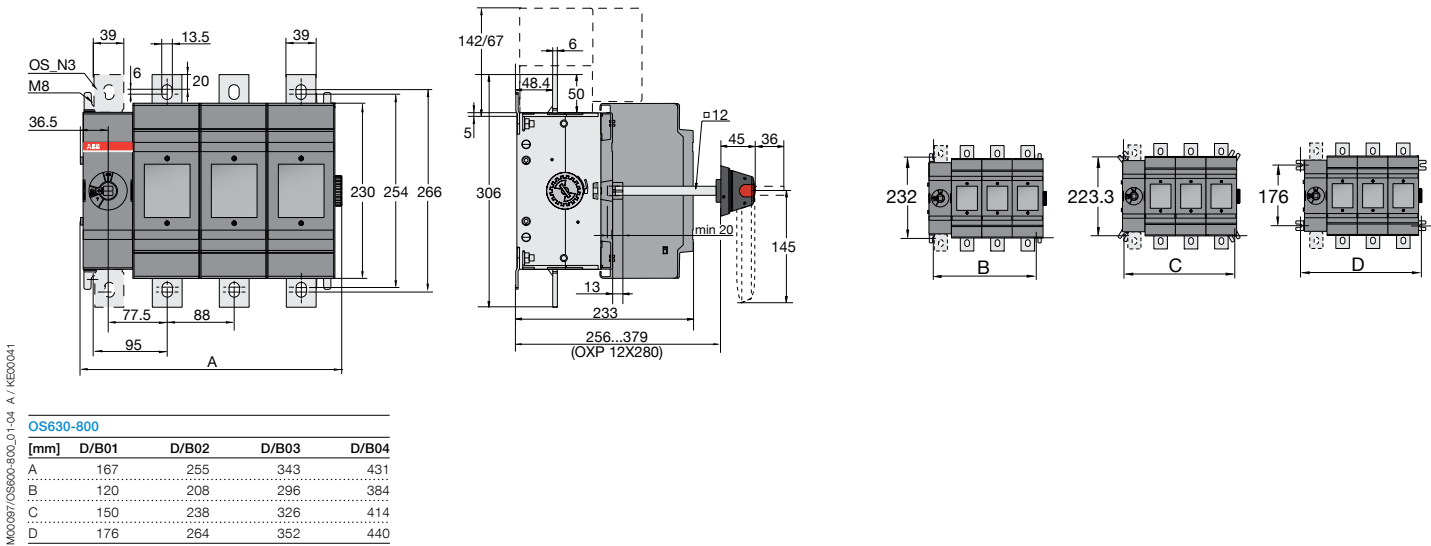
OS400					
[mm]	B11/D11	B12/D12	B21/D21	B22/D22	B13/D13
A1	163	227	227	291	291
A2	81,5	81,5	145,5	145,5	81,5
B1	181	245	245	309	309
B2	90,5	90,5	154,5	154,5	90,5
C1	199	263	263	327	327
C2	99,5	99,5	163,5	163,5	99,5

Dimension drawings, IEC

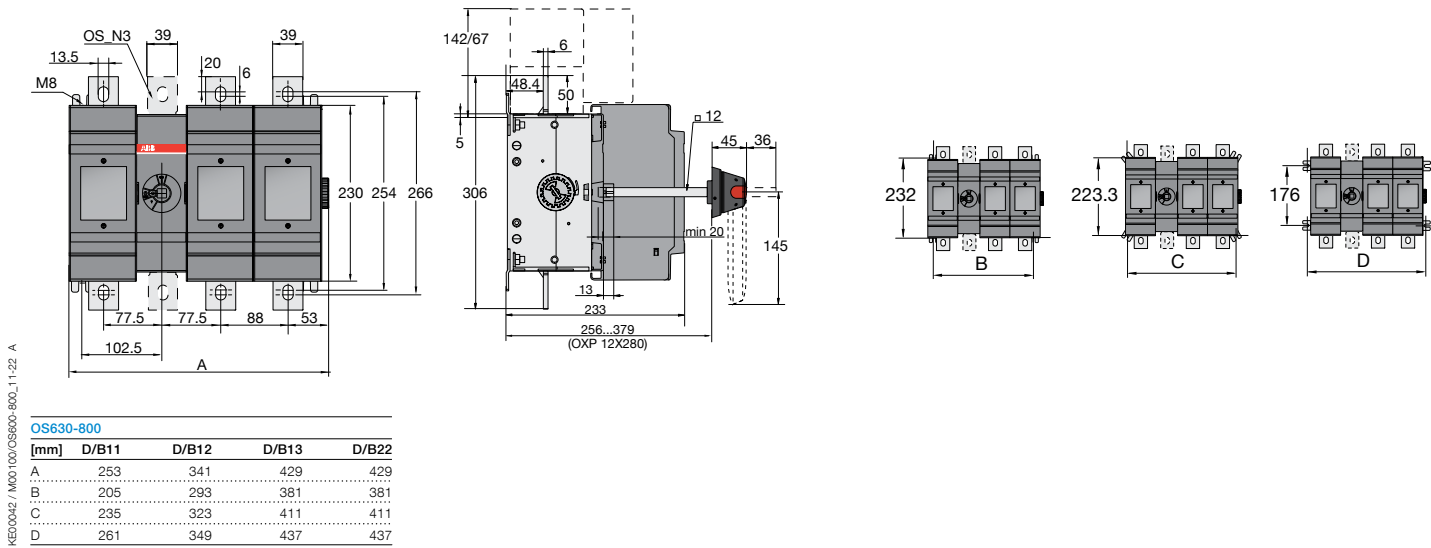
Front operated switch fuses

OS 630_P and OS 800_P

Mechanism at the end of the switch fuse



Mechanism between the poles

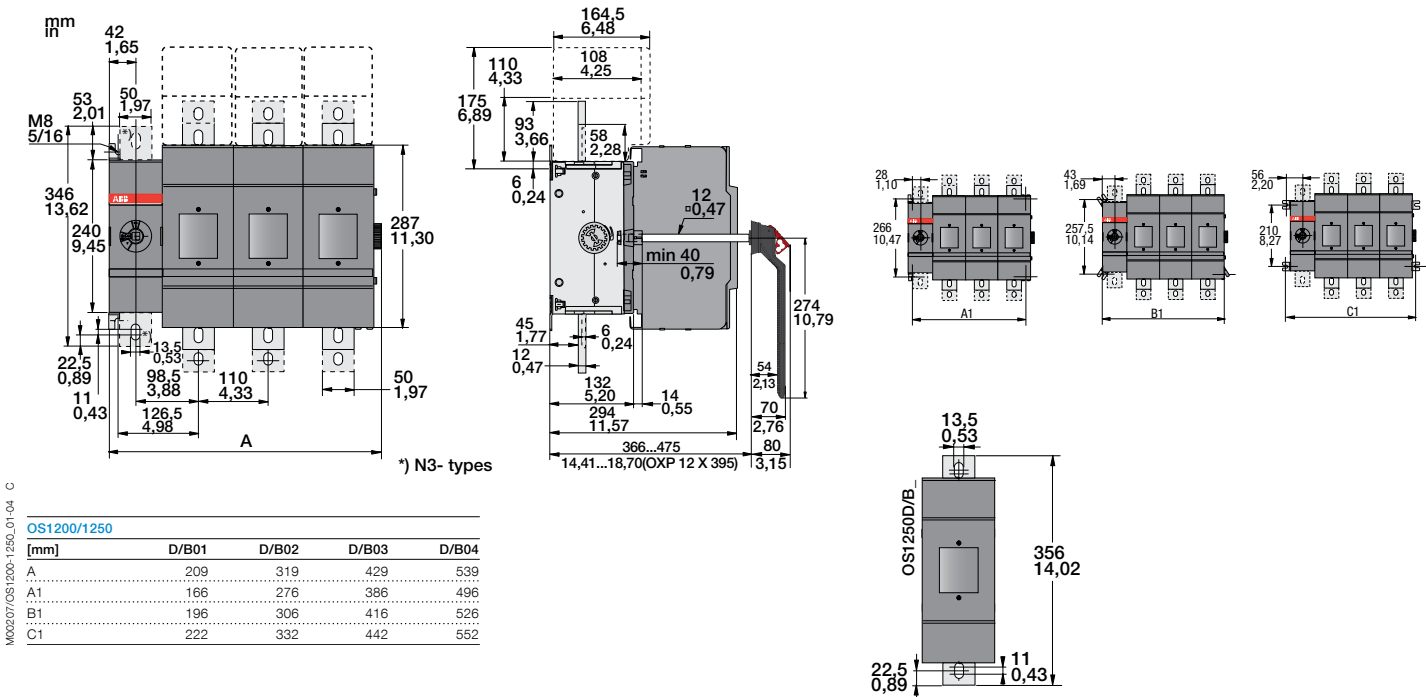


Dimension drawings, IEC

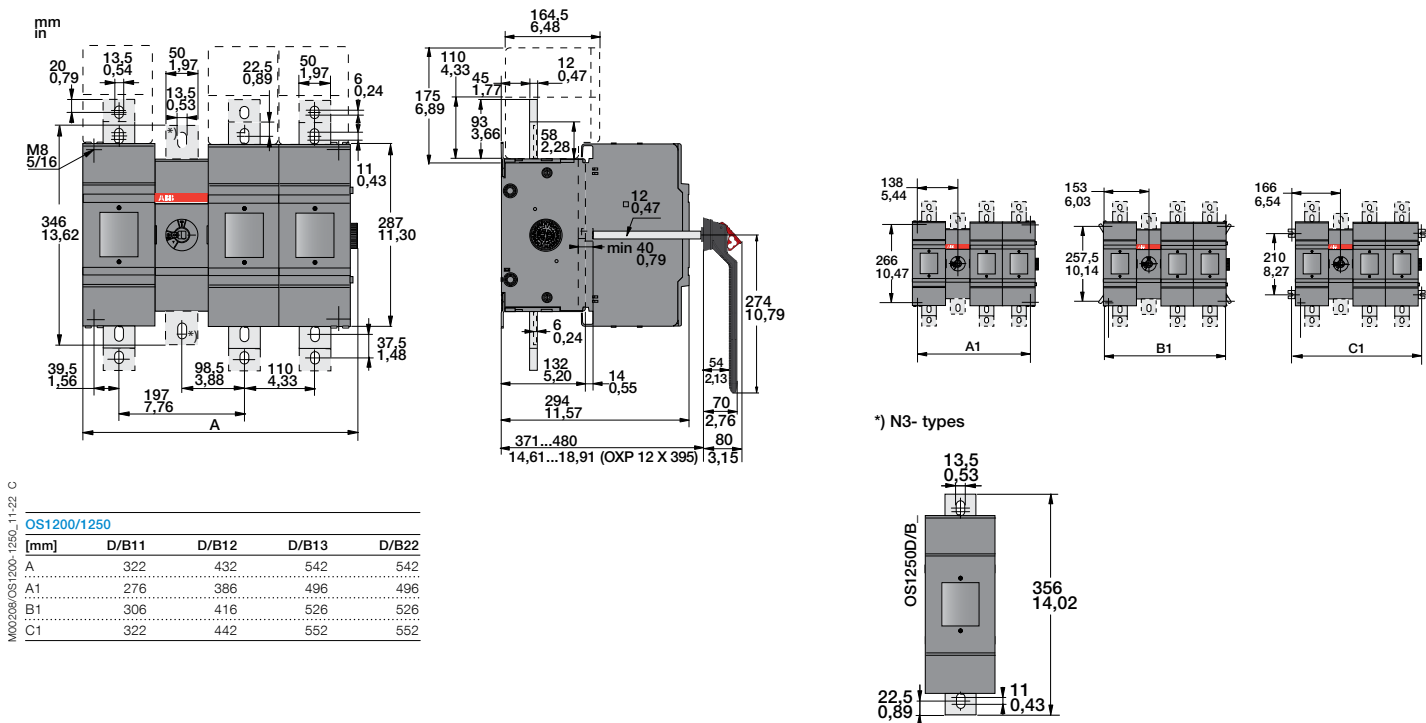
Front operated switch fuses

OS1200...1250 P

Mechanism at the end of the switch fuse



Mechanism between the poles

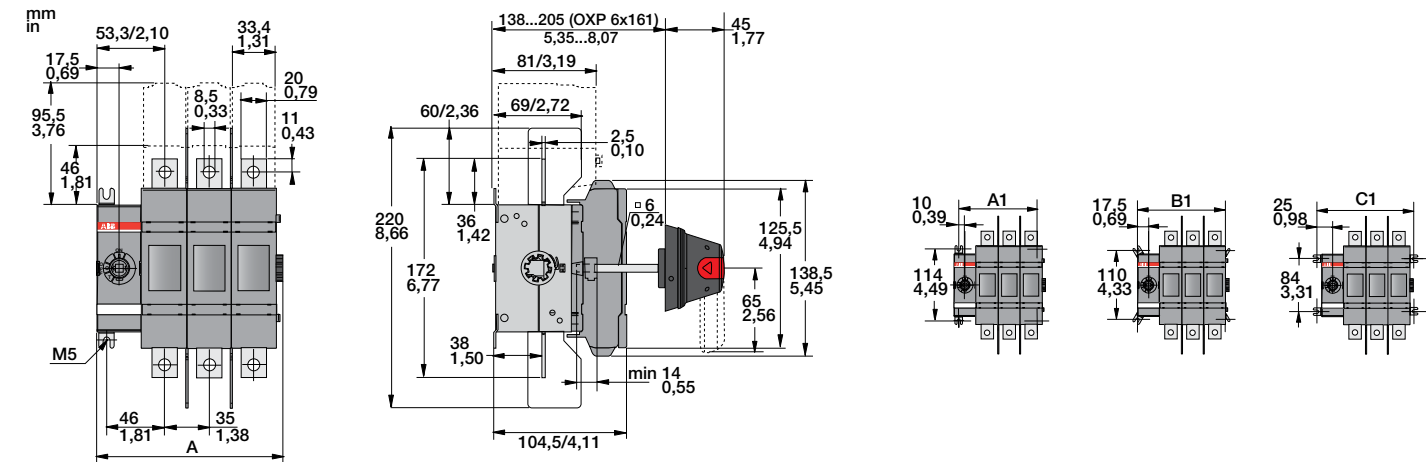


Dimension drawings, UL/CSA

Front operated switch fuses

OS60...100GJ

Mechanism at the end of the switch fuse

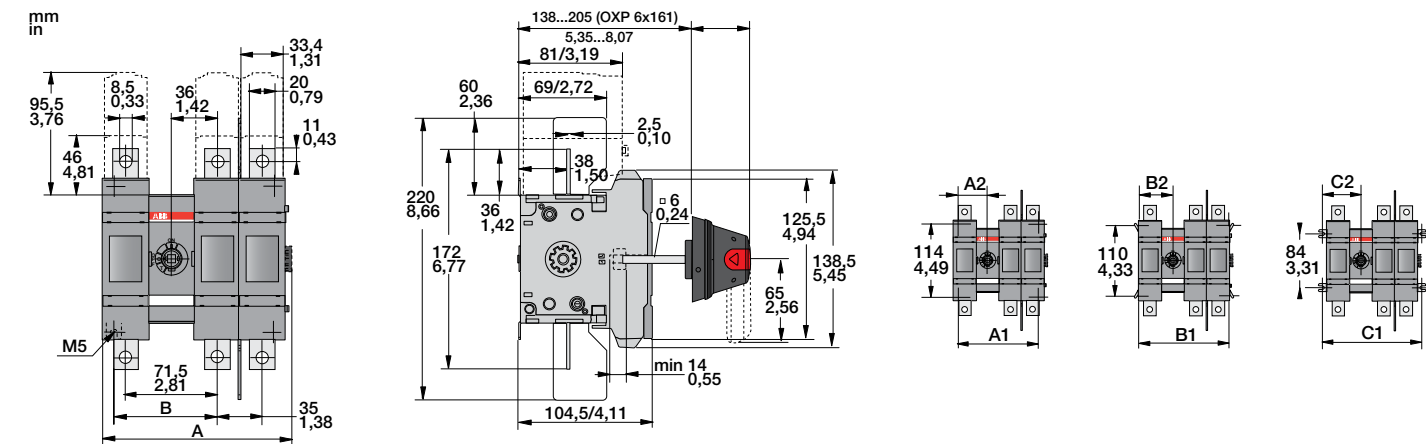


M00291/OS100/GJ01-04 B

OS60GJ				
[mm/in]	J01	J02	J03	J04
A	74,5/2,93	109,5/4,31	144,5/5,69	179,5/7,07
B	118/4,65	118/4,65	118/4,65	118/4,65
C	-	35/1,38	35/1,38	35/1,38
D	45,5/1,79	45,5/1,79	45,5/1,79	45,5/1,79
E	36/1,41	36/1,41	36/1,41	36/1,41
A1	51/2,01	86/3,39	121/4,76	156/6,14
B1	81/3,19	116/4,57	151/5,94	186/7,32

OS100GJ				
[mm/in]	J01	J02	J03	J04
A	76,5/3,01	111,5/4,39	146,5/5,77	181,5/7,15
A1	55/2,17	90/3,54	125/4,92	160/6,30
B1	70/2,76	105/4,13	140/5,51	175/6,89
C1	85/3,35	120/4,72	155/6,10	190/7,48

Mechanism between the poles



M00292/OS100GJ11-22 B

OS60GJ				
[mm/in]	J11	J12	J13	J22
A	112,5/4,43	148/5,82	182,5/7,19	182,5/7,19
B	118/4,65	118/4,65	118/4,65	118/4,65
C	-	35/1,38	35/1,38	35/1,38
D	71,5/2,81	71,5/2,81	71,5/2,81	71,5/2,81
E	36/1,41	36/1,41	36/1,41	36/1,41
F	55,5/2,19	55,5/2,19	55,5/2,19	90,5/3,56
G	91,5/3,6	91,5/3,6	91,5/3,6	126,5/4,98
A1	81,5/3,21	116,5/4,59	151,5/5,96	151,5/5,96
A2	40,5/1,59	40,5/1,59	40,5/1,59	75,5/2,97
B1	111,5/4,39	146,5/5,77	181,5/7,15	181,5/7,15
B2	56/2,20	56/2,20	56/2,20	90,5/3,56

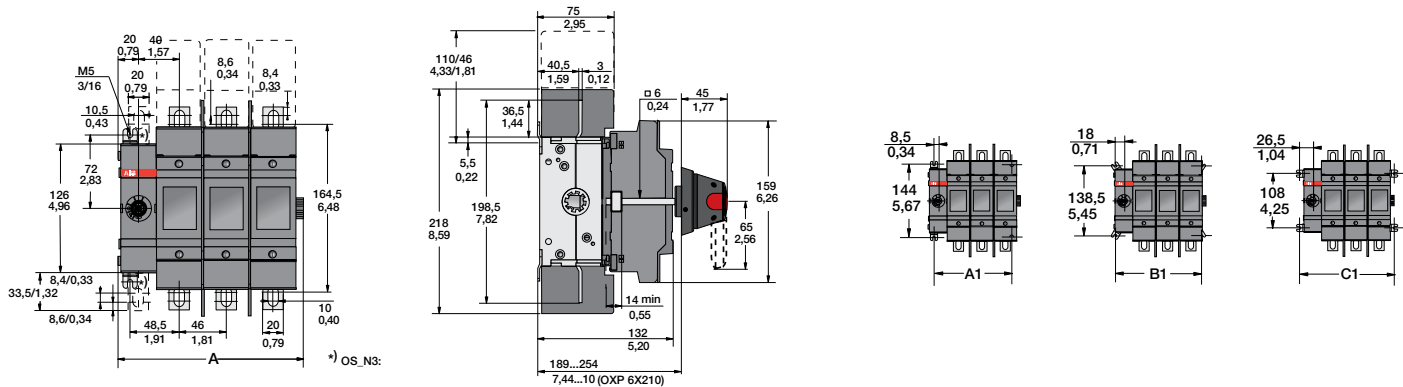
OS100GJ				
[mm/in]	J11	J12	J13	J22
A	113/4,45	148/5,83	183/7,20	183/7,20
B	81/3,19	81/3,19	81/3,19	116/4,57
A1	90/3,54	125/4,92	160/6,30	160/6,30
A2	45/1,77	45/1,77	45/1,77	80/3,15
B1	105/4,13	140/5,51	175/6,89	175/6,89
B2	52,5/2,07	52,5/2,07	52,5/2,07	160/3,44
C1	120/4,72	155/6,10	190/7,48	190/7,48
C2	60/2,36	60/2,36	60/2,36	95/3,74

Dimension drawings, UL/CSA

Front operated switch fuses

OS200J

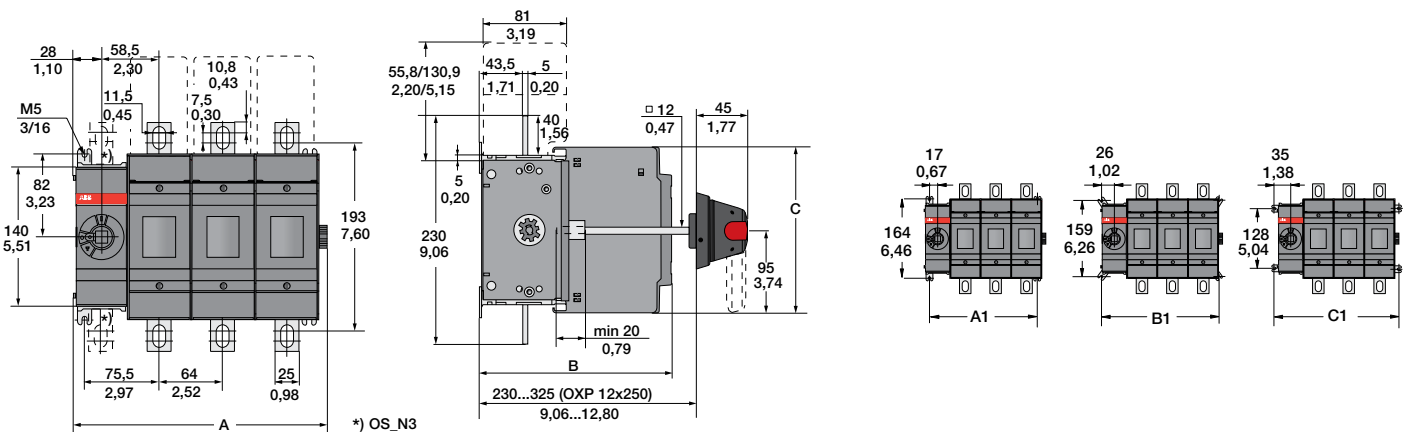
Mechanism at the end of the switch fuse



OS200				
[mm/in]	J01	J02	J03	J04
A	89,5 / 3,52	135,5/5,34	181,5/7,15	227,5/8,96
A1	60,5 / 2,38	106,5/4,19	152,5/6,00	198,5/7,82
B1	79,5 / 3,13	125,5/4,94	171,5/6,75	217,5/8,56
C1	96,5 / 3,80	142,5 / 5,61	188,5/7,42	234,5/9,23

OS400J

Mechanism at the end of the switch fuse



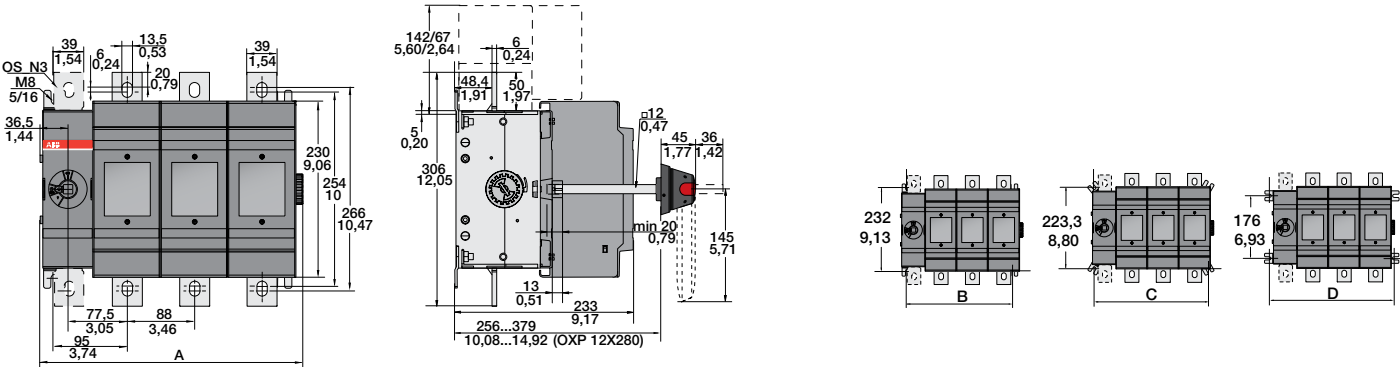
OS400				
[mm/in]	J01	J02	J03	J04
A	127/5,00	191/7,52	255/10,04	319/12,56
B	176/6,93	176/6,93	176/6,93	176/6,93
C	194/7,64	194/7,64	194/7,64	194/7,64

Dimension drawings, UL/CSA

Front operated switch fuses

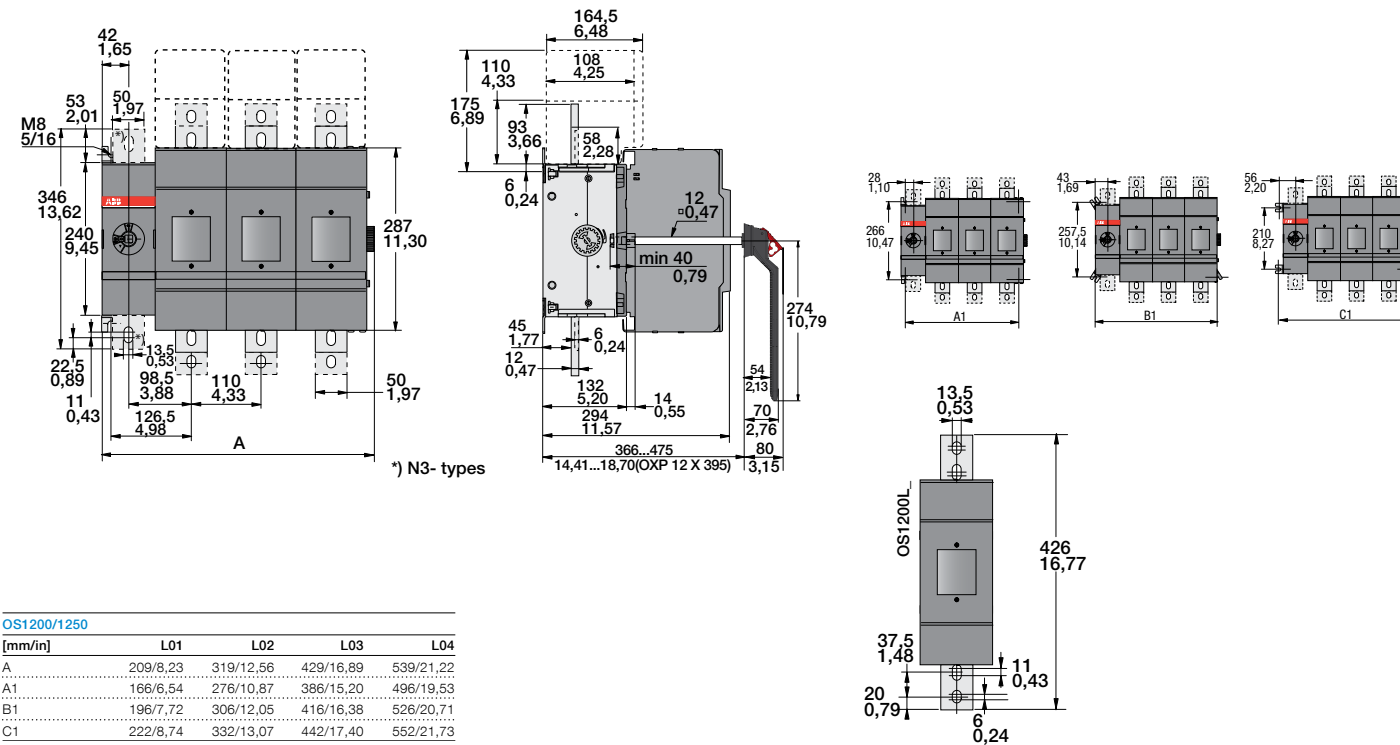
OS600J and OS800L

Mechanism at the end of the switch fuse



OS600-800				
[mm/in]	J/L01	J/L02	J/L03	J/L04
A	167/6,57	255/10,04	343/13,50	431/16,97
B	120/4,72	208/8,19	296/11,65	384/15,12
C	150/5,91	238/9,37	326/12,83	414/16,30
D	176/6,93	264/10,39	352/13,86	440/17,32

OS1200L

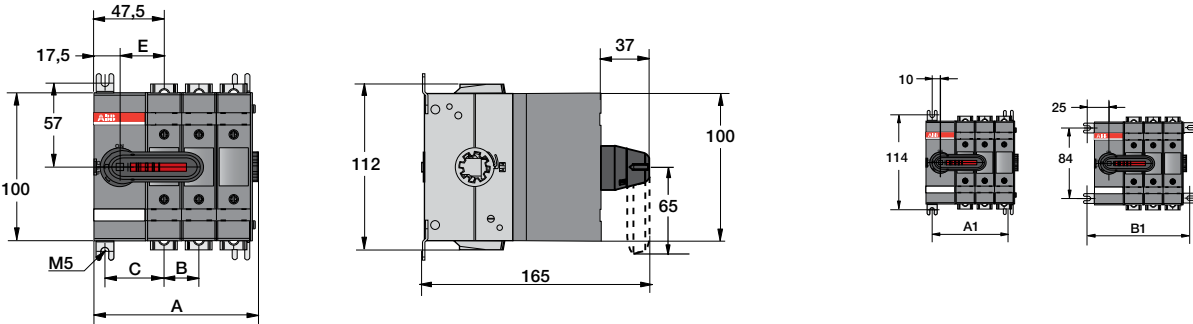


OS1200/1250				
[mm/in]	L01	L02	L03	L04
A	209/8,23	319/12,56	429/16,89	539/21,22
A1	166/6,54	276/10,87	386/15,20	496/19,53
B1	196/7,72	306/12,05	416/16,38	526/20,71
C1	222/8,74	332/13,07	442/17,40	552/21,73

Dimension drawings, IEC

Front operated switch fuses with direct mount handles

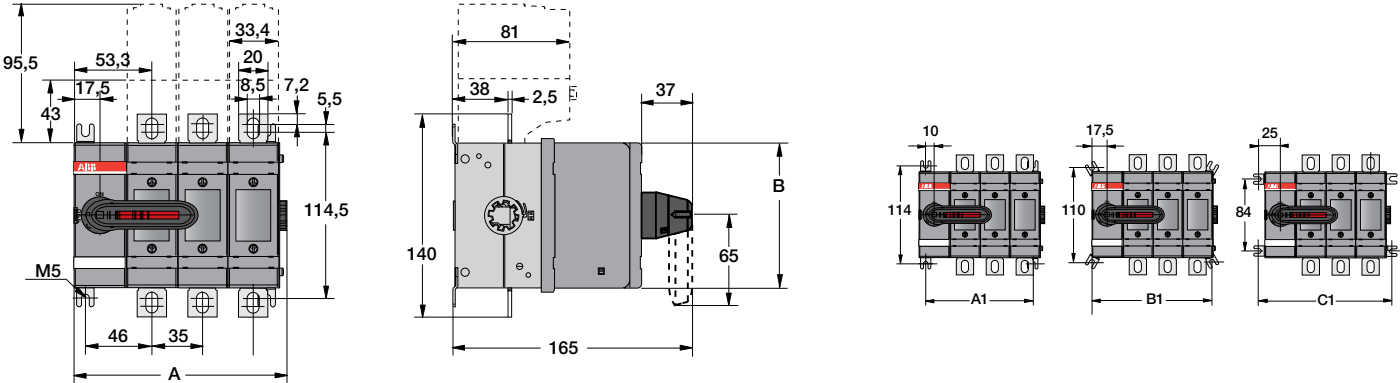
OS32G_K...OS63G_K



OS32-63G_K				
[mm]	D01	D02	D03	D04
A	64,5	88	111,5	135,5
B	40	40	40	40
C	-	23,5	23,5	23,5
E	30	30	30	30
A1	45	68,5	92	111,5
B1	75	98,5	122	145,5

OS32-63G_K				
[mm]	B/F01	B/F02	B/F03	B/F04
A	64,5	88	111,5	135,5
B	40	40	40	40
C	-	23,5	23,5	23,5
E	30	30	30	30
A1	45	68,5	92	111,5
B1	75	98,5	122	145,5

OS100G_K...OS160G_K



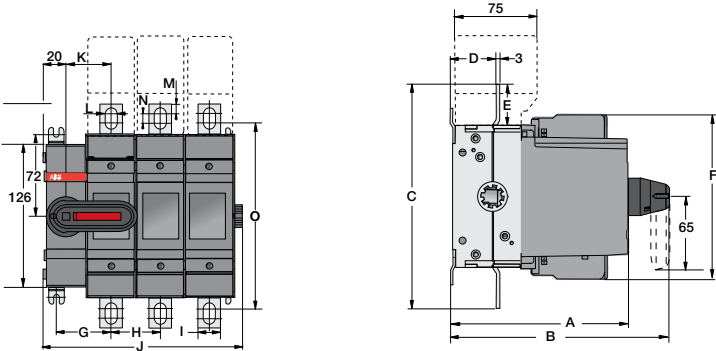
OS100-160G_K				
[mm]	D/F01	D/F02	D/F03	D/F04
A	76,5	111,5	146,5	181,5
B	100	100	100	100
A1	55	90	125	160
B1	70	105	140	175
C1	85	120	155	190

OS100-160G_K				
[mm]	B01	B02	B03	B04
A	76,5	111,5	146,5	181,5
B	118	118	118	118
A1	55	90	125	160
B1	70	105	140	175
C1	85	120	155	190

Dimension drawings, IEC

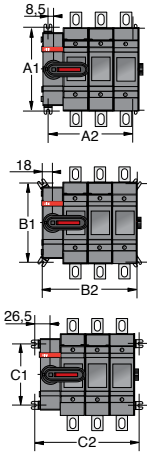
Front operated switch fuses with direct mount handles

OS200_K and OS250_K



OS200K				
[mm]	D01/B01	D02/B02	D03/B03	D04/B04
A1	144	144	144	144
A2	60,5	104	147,5	191
B1	138,5	138,5	138,5	138,5
B2	79,5	123	166,5	210
C1	108	108	108	108
C2	96,5	140	183,5	227

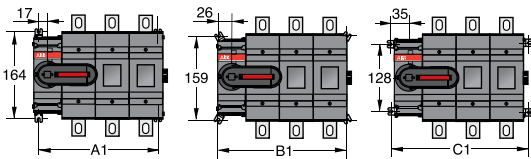
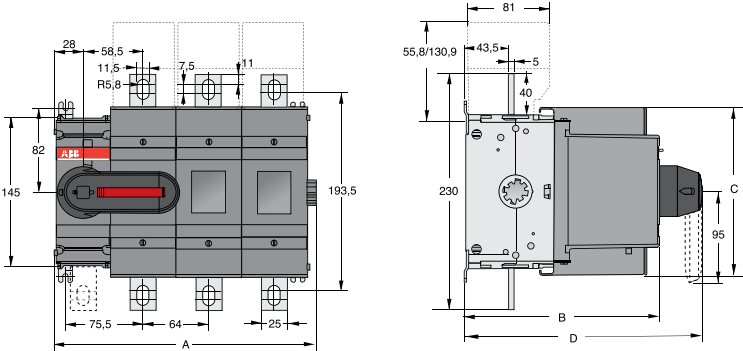
OS250K				
[mm]	D01	D02	D03	D04
A1	144	144	144	144
A2	70,5	124,5	178,5	232,5
B1	138,5	138,5	138,5	138,5
B2	89,5	143,5	197,5	251,5
C1	108	108	108	108
C2	106,5	106,5	214,5	268,5



OS200_K								
[mm]	D01	B01	D02	B02	D03	B03	D04	B04
A	154	130	154	130	154	130	154	130
B	191	167	191	167	191	167	191	167
C	198,5	198,5	198,5	198,5	198,5	198,5	198,5	198,5
D	40,5	40,5	40,5	40,5	40,5	40,5	40,5	40,5
E	36,5	36,5	36,5	36,5	36,5	36,5	36,5	36,5
F	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5
G	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5
H	-	-	43,5	43,5	43,5	43,5	43,5	43,5
I	20	20	20	20	20	20	20	20
J	89,5	89,5	133	133	176,5	176,5	220	220
K	40	40	40	40	40	40	40	40
L	10	10	10	10	10	10	10	10
M	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5
N	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5
O	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5

OS250_K				
[mm]	D01/B01	D02/B02	D03/B03	D04/B04
A	154	154	154	154
B	191	191	191	191
C	193	193	193	193
D	40,5	40,5	40,5	40,5
E	33,5	33,5	33,5	33,5
F	148,5	148,5	148,5	148,5
G	53,5	53,5	53,5	53,5
H	-	54	54	54
I	25	25	25	25
J	99,5	153,5	207,5	261,5
K	45	45	45	45
L	11	11	11	11
M	11,5	11,5	11,5	11,5
N	4	4	4	4
O	162	162	162	162

OS315_K and OS400_K



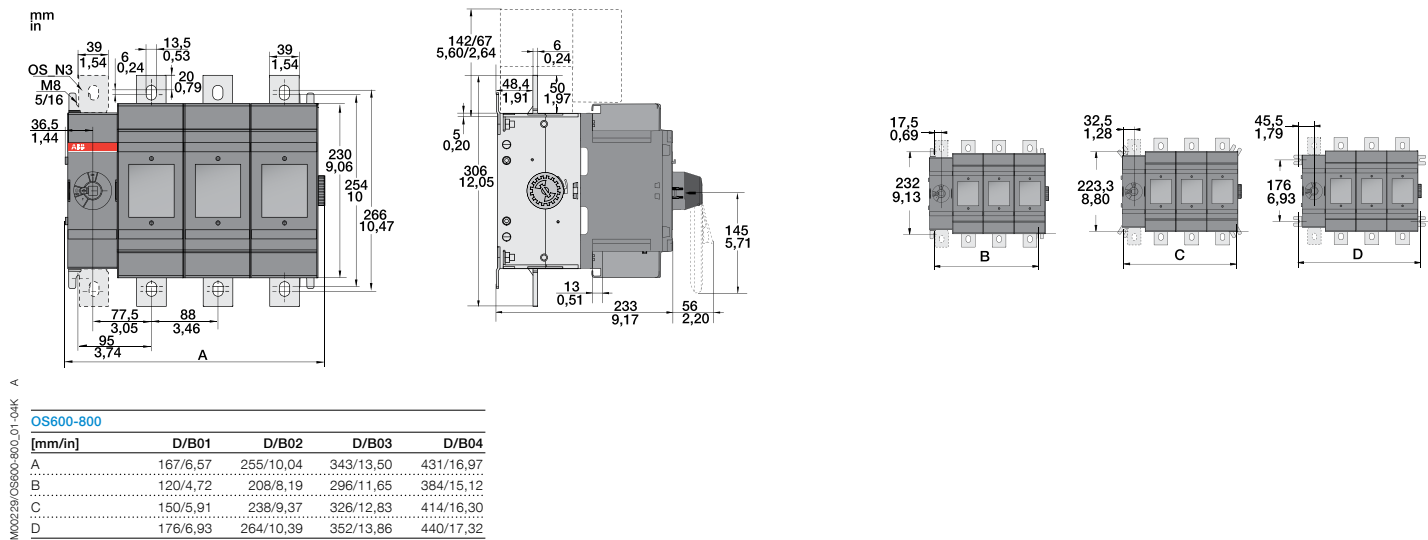
OS315,OS400				
[mm]	B01K	B02K	B03K	B04K
A	127	191	255	319
B	176	176	176	176
C	194	194	194	194
D	219	219	219	219
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

OS400				
[mm]	D01K	D02K	D03K	D04K
A	127	191	255	319
B	193	193	193	193
C	166	166	166	166
D	236	236	236	236
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

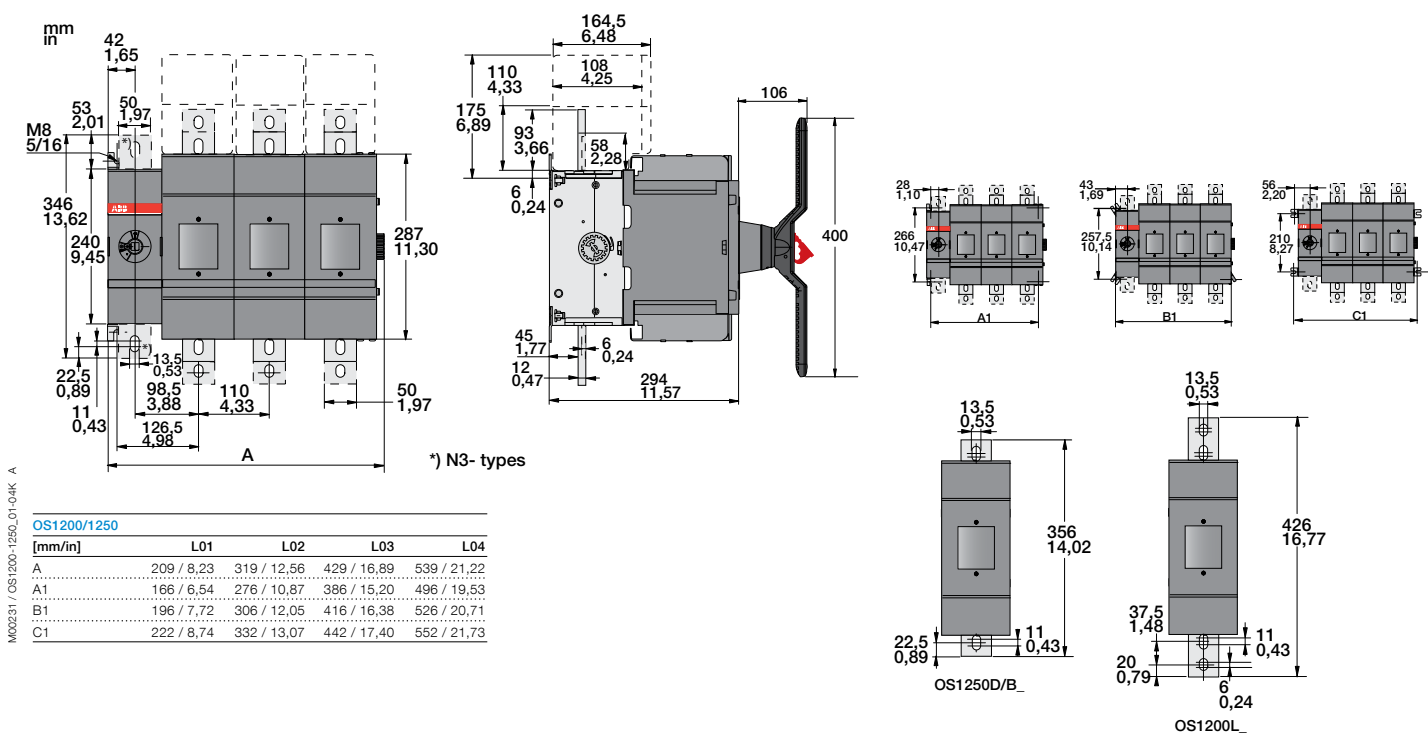
Dimension drawings, IEC

Front operated switch fuses with direct mount handles

OS 630_K and OS 800_K



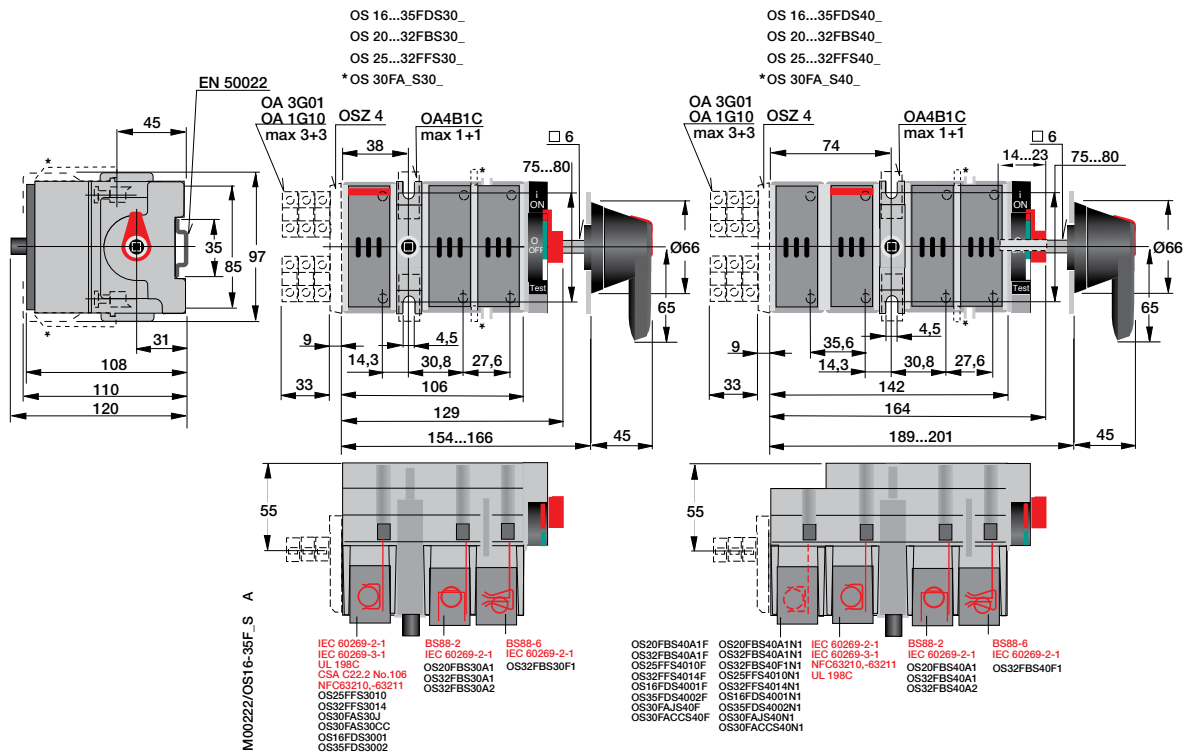
OS 1200_K



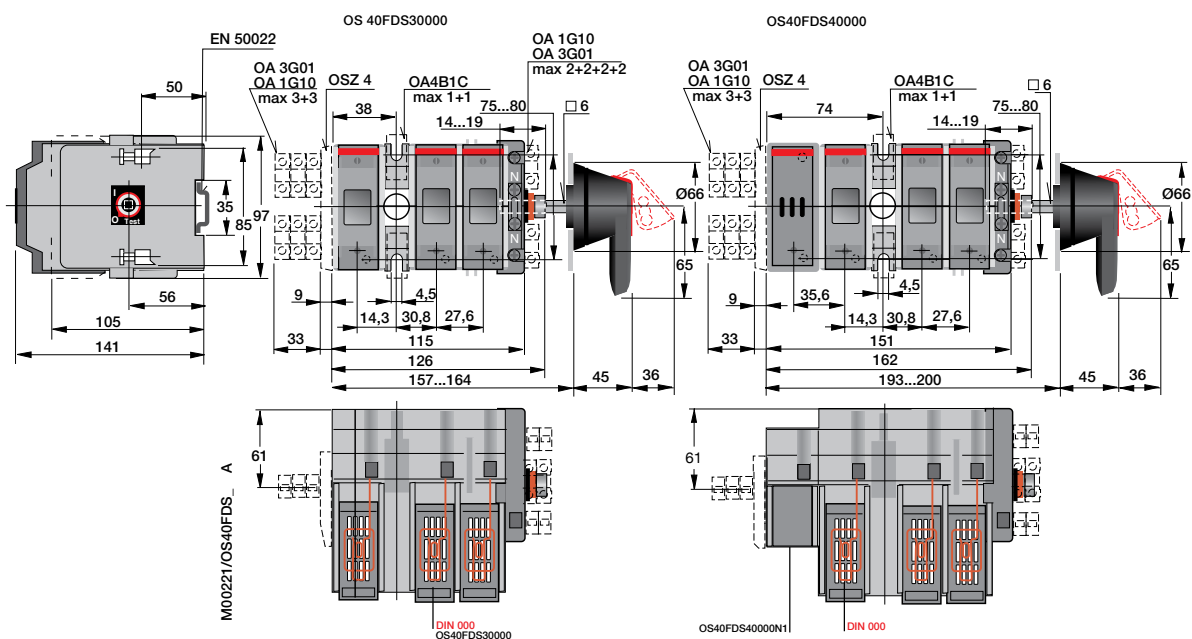
Dimension drawings, IEC and UL/CSA

Side operated switch fuses

OS Mini



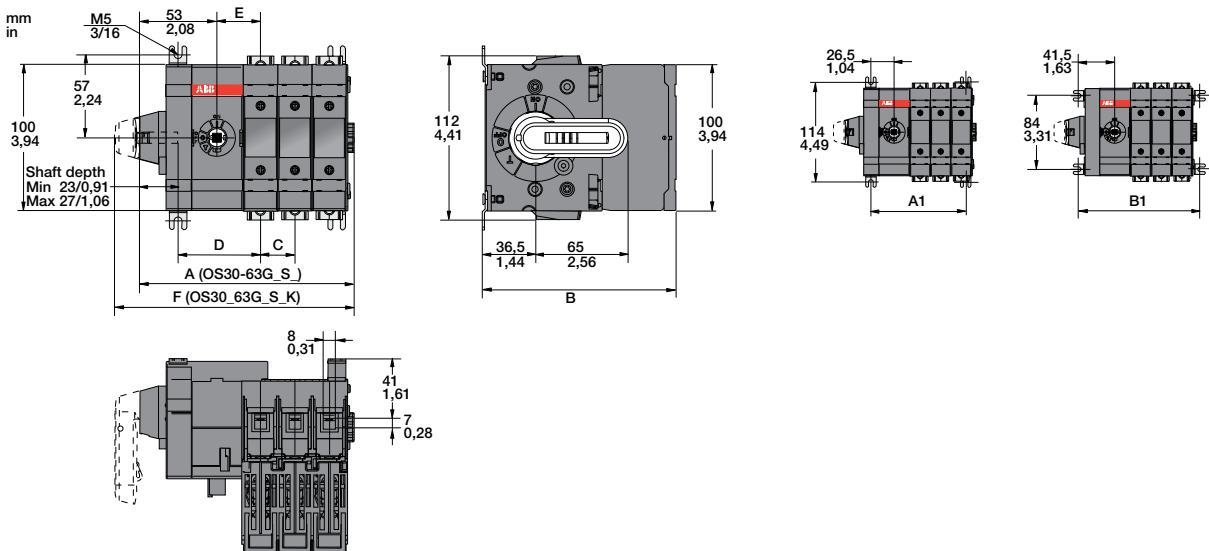
OS 40 Mini



Dimension drawings, IEC and UL/CSA

Side operated switch fuses

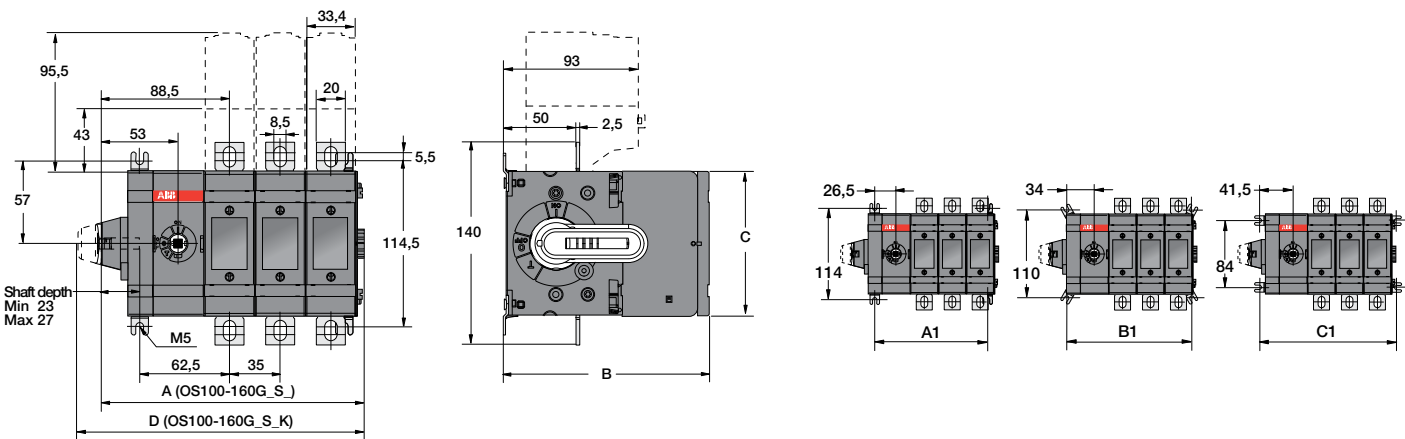
OS32G...63G_S_



OS32-63G								
[mm]	DS01	DS02	DS03	DS04	B/FS01	B/FS02	B/FS03	B/FS04
A	99,5	123	146,5	170	99,5	123	146,5	170
B	132,5	132,5	132,5	132,5	120,5	120,5	120,5	120,5
C	-	23,5	23,5	23,5	-	23,5	23,5	23,5
D	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5
E	30	30	30	30	30	30	30	30
F	116,5	140	163,5	187	116,5	140	163,5	187
A1	61,5	85	108,5	132	61,5	85	108,5	132
B1	91,5	115	138,5	162,5	91,5	115	138,5	162,5

OS60G				
[mm/in]	JS01	JS02	JS03	JS04
A	109,5/4,31	144,5/5,69	179,5/7,07	214,5/8,44
B	130/5,12	130/5,12	130/5,12	130/5,12
C	-	35/1,38	35/1,38	35/1,38
D	62/2,44	62/2,44	62/2,44	62/2,44
E	36/1,41	36/1,41	36/1,41	36/1,41
F	126,5/4,98	161,5/6,36	196,5/7,74	231,5/9,11
A1	67,5/2,66	102,5/4,04	137,5/5,41	172,5/6,79
B1	37,5/1,48	72,5/2,85	107,5/4,23	142,5/5,61

OS100G...160G_S_

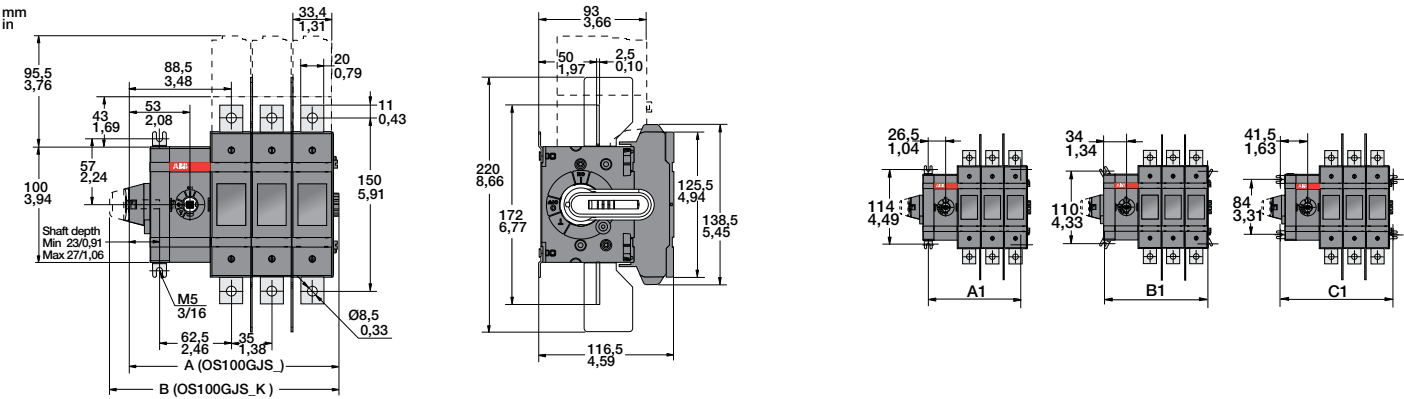


OS100-160G								
[mm]	D/F01	D/F02	D/F03	D/F04	B01	B02	B03	B04
A	111,5	146,5	181,5	216,5	111,5	146,5	181,5	216,5
B	142	142	142	142	126,5	126,5	126,5	126,5
C	100	100	100	100	118	118	118	118
D	128,5	163,5	198,5	233,5	128,5	163,5	198,5	233,5
A1	71,5	106,5	141,5	176,5	71,5	106,5	141,5	176,5
B1	86,5	121,5	156,5	191,5	86,5	121,5	156,5	191,5
C1	101,5	136,5	171,5	206,5	101,5	136,5	171,5	206,5

Dimension drawings, IEC and UL/CSA

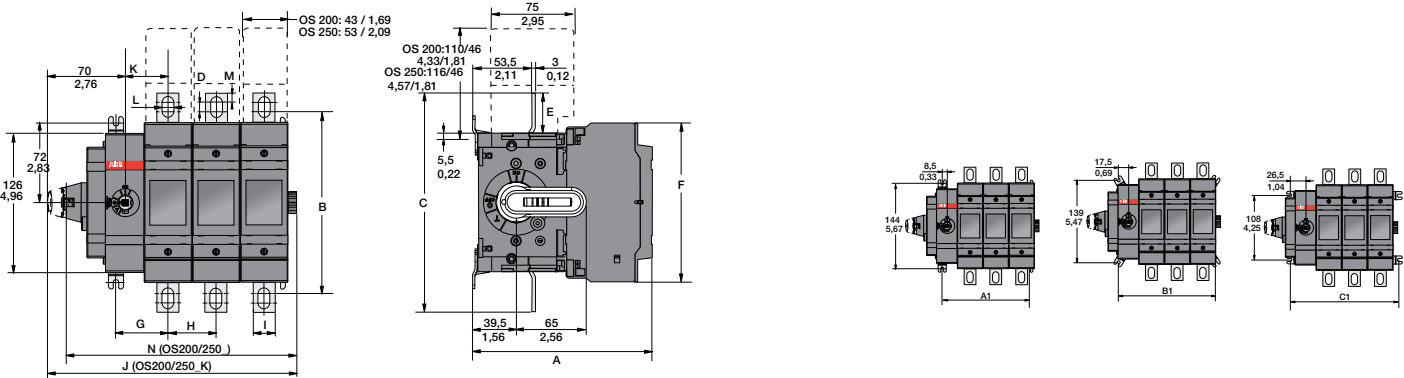
Side operated switch fuses

OS100GJS



OS100G				
[mm/in]	JS01	JS02	JS03	JS04
A	111,5/4,39	146,5/5,77	181,5/7,15	216,5/8,52
B	128,5/5,06	163,5/6,44	198,5/7,91	233,5/9,19
A1	71,5/2,81	106,5/4,19	141,5/5,57	176,5/6,95
B1	86,5/3,41	121,5/4,78	156,5/6,16	191,5/7,54
C1	101,5/4,00	136,5/5,37	171,5/6,75	206,5/8,13

OS200...250 S_ (IEC only)



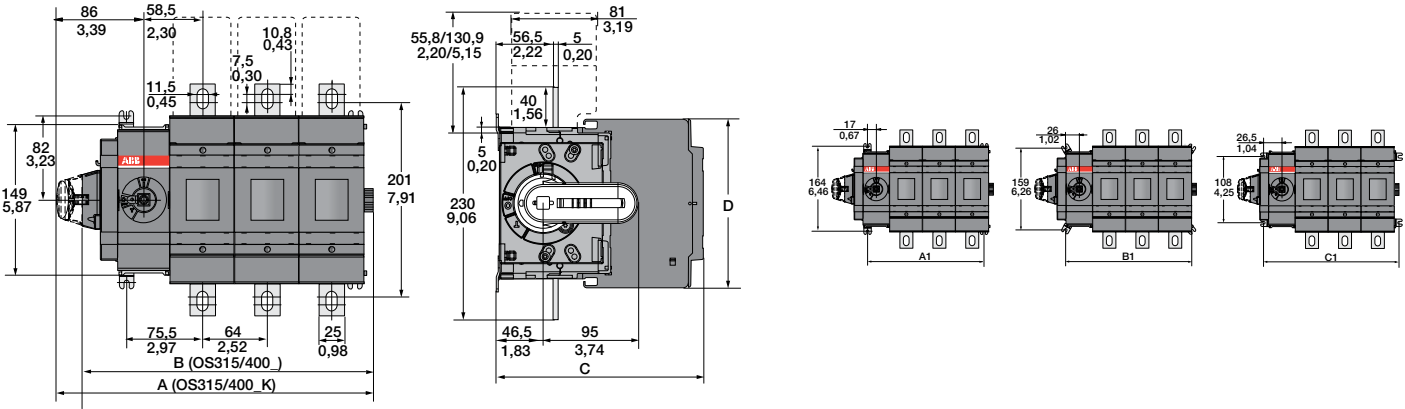
OS200_ OS200_K							
[mm/in]	DS01	BS01	DS02	BS02	DS03	BS03	DS04
A	162,0/6,38	143,0/5,63	162,0/6,38	143,0/5,12	162,0/6,38	143,0/5,63	162,0/6,38
B	164,5/6,48	164,5/6,48	164,5/6,48	164,5/6,48	164,5/6,48	164,5/6,48	164,5/6,48
C	198,5/7,81	198,5/7,81	198,5/7,81	198,5/7,81	198,5/7,81	198,5/7,81	198,5/7,81
D	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33
E	36,5/1,44	36,5/1,44	36,5/1,44	36,5/1,44	36,5/1,44	36,5/1,44	36,5/1,44
F	144,5/5,69	144,5/5,69	144,5/5,69	144,5/5,69	144,5/5,69	144,5/5,69	144,5/5,69
G	48,5/1,91	48,5/1,91	48,5/1,91	48,5/1,91	48,5/1,91	48,5/1,91	48,5/1,91
H	-/-	-/-	43,5/1,71	43,5/1,71	43,5/1,71	43,5/1,71	43,5/1,71
I	20,0/0,79	20,0/0,79	20,0/0,79	20,0/0,79	20,0/0,79	20,0/0,79	20,0/0,79
J	138,5/5,45	138,5/5,45	182,0/7,17	182,0/7,17	225,5/8,88	225,5/8,88	269,0/10,59
K	40,0/1,57	40,0/1,57	40,0/1,57	40,0/1,57	40,0/0,39	84,0/1,57	40,0/1,57
L	10,0/0,39	10,0/0,39	10,0/0,39	10,0/0,39	10,0/0,39	10,0/0,39	10,0/0,39
M	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33	8,5/0,33
N	121,5/4,78	121,5/4,78	165,0/6,50	165,0/6,50	208,5/8,21	208,5/8,21	252,0/9,92
A1	60,5/2,38	60,5/2,38	104,0/4,09	104,0/4,09	147,5/5,81	147,5/5,81	191,0/7,52
B1	79,5/3,13	79,5/3,13	123,0/4,84	123,0/4,84	166,5/6,56	166,5/6,56	210,0/8,27
C1	96,5/3,80	96,5/3,80	140,0/5,51	140,0/5,51	183,5/7,22	183,5/7,22	227,0/8,94

OS250_ OS250_K				
[mm/in]	DS01	BS01	DS02	BS02
A	154,0/6,06	154,0/6,06	154,0/6,06	154,0/6,06
B	162,0/6,38	162,0/6,38	162,0/6,38	162,0/6,38
C	193,0/7,60	193,0/7,60	193,0/7,60	193,0/7,60
D	4,0/0,16	4,0/0,16	4,0/0,16	4,0/0,16
E	33,5/1,32	33,5/1,32	33,5/1,32	33,5/1,32
F	148,5/5,85	148,5/5,85	148,5/5,85	148,5/5,85
G	53,5/2,11	53,5/2,11	53,5/2,11	53,5/2,11
H	-/-	54,0/2,13	54,0/2,13	54,0/2,13
I	25,0/0,98	25,0/0,98	25,0/0,98	25,0/0,98
J	148,5/5,85	202,5/7,97	256,5/10,10	310,5/12,22
K	45,0/1,77	45,0/1,77	45,0/1,77	45,0/1,77
L	11,0/0,43	11,0/0,43	11,0/0,43	11,0/0,43
M	11,5/0,45	11,5/0,45	11,5/0,45	11,5/0,45
N	131,5/5,18	186,0/7,32	240,0/9,45	294,0/11,57
A1	70,5/2,78	124,5/4,90	178,5/7,03	232,5/9,15
B1	89,5/3,52	143,5/5,65	197,5/7,78	251,5/9,90
C1	106,5/4,19	214,5/8,44	268,5/10,57	322,5/12,70

Dimension drawings, IEC

Side operated switch fuses

OS315...400_S_



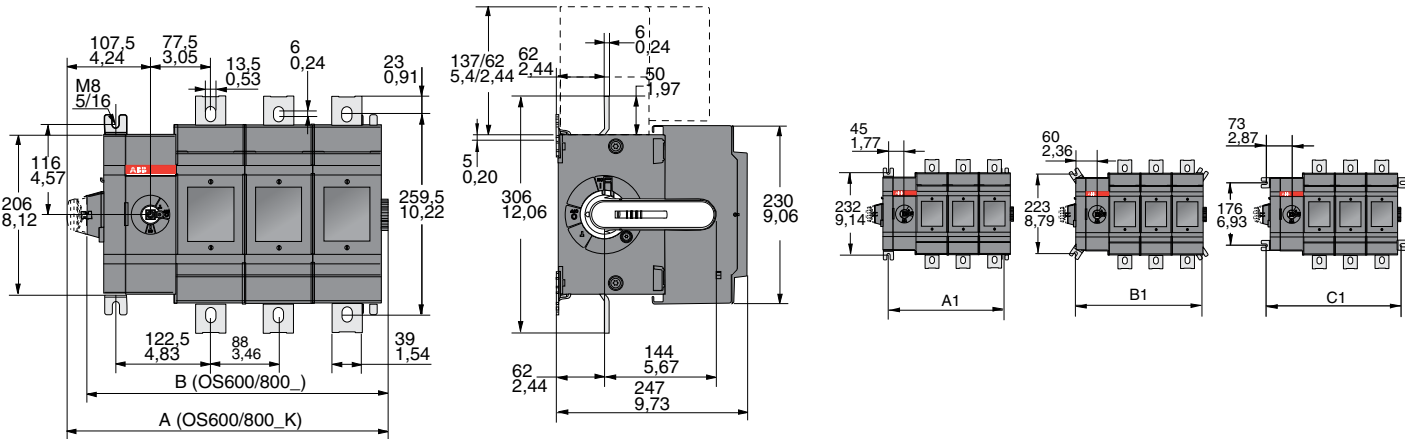
OS315, OS315_K, OS400, OS400_K

[mm]	BS01	BS02	BS03	BS04
A	185,0	249,0	313,0	377,0
B	160,0	224,0	288,0	352,0
C	176,0	176,0	176,0	176,0
D	194,0	194,0	194,0	194,0
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

OS400_, OS400_K

[mm]	DS01	DS02	DS03	DS04
A	185,0	249,0	313,0	377,0
B	160,0	224,0	288,0	352,0
C	193,0	193,0	193,0	193,0
D	166,0	166,0	166,0	166,0
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

OS630_S_ and OS800_S_



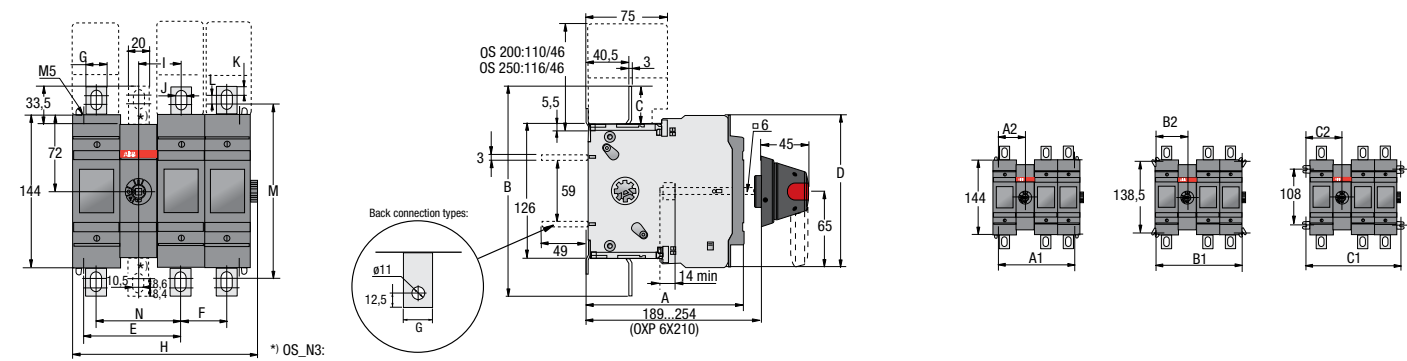
OS600/630/800_, OS600/630/800_K

[mm]	DS/BS01	DS/BS02	DS/BS03	DS/BS05
A	238	326/12,84	414	502
B	213	301/11,86	389	477
A1	147,5	235,5/9,28	323,5	411,5
B1	177,5	265,5/10,46	353,5	441,5
C1	203,5	291,5/11,48	379,5	467,5

Dimension drawings, IEC

Special connected switch fuses

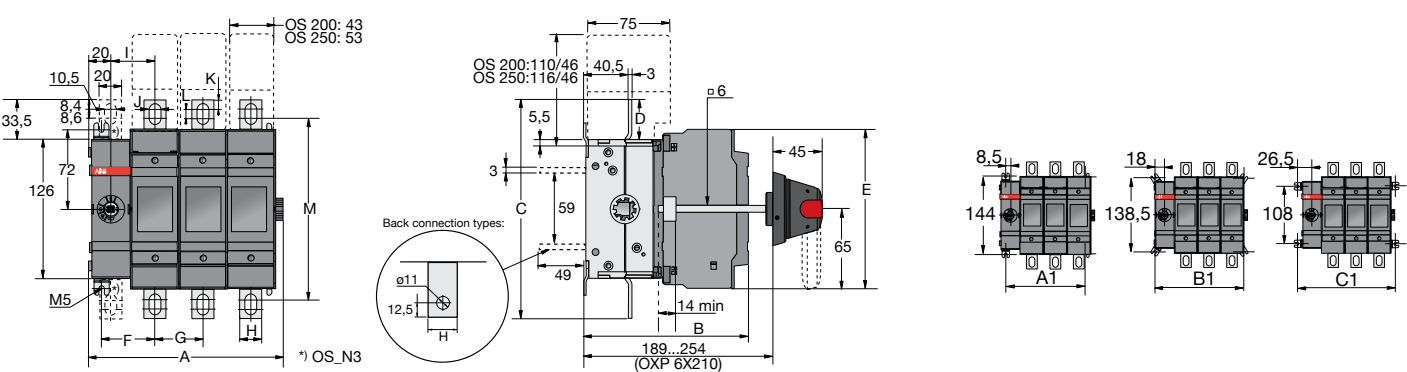
OS200_12/22_ and OS250_12/22 (BB)



OS200								
[mm]	D11	B11	D12	B12	D13	B13	D22	B22
A	149	130	149	130	141	130	149	130
B	199	199	199	199	199	199	199	199
C	36,5	36,5	36,3	36,5	36,5	36,5	36,5	36,5
D	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5
E	92	92	92	92	92	92	135,5	135,5
F	43,5	43,5	43,5	43,5	43,5	43,5	43,5	43,5
G	20	20	20	20	20	20	20	20
H	132	132	175,5	175,5	219	219	219	219
I	40	40	40	40	40	40	40	40
J	10	10	10	10	10	10	10	10
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4
L	8,6	8,6	8,6	8,6	8,6	8,6	8,6	8,6
M	165	165	165	165	165	165	165	165
N	80	80	80	80	80	80	80	80
A1	104	104	147,5	147,5	191	191	191	191
A2	52	52	52	52	52	52	95,5	95,5
B1	123	123	166,5	166,5	210	210	210	210
B2	61,5	61,5	61,5	61,5	61,5	61,5	105	105
C1	140	140	183,5	183,5	227	227	227	227
C2	70	70	70	70	70	70	113,5	113,5

OS250				
[mm]	D11	D12	D13	D22
A	154	154	154	154
B	193	193	193	193
C	33,5	33,5	33,5	33,5
D	148,5	148,5	148,5	148,5
E	112,5	112,5	112,5	161
F	54	54	54	54
G	25	25	25	25
H	152	206	260	260
I	45	45	45	45
J	11	11	11	11
K	11,5	11,5	11,5	11,5
L	4	4	4	4
M	162	162	162	162
N	90	90	90	90
A1	124	178	232	232
A2	62	62	62	116
B1	143	197	251	251
B2	71,5	71,5	71,5	125,5
C1	160	214	268	268
C2	80	80	80	134

OS200_03/04_ and OS250_03/04 (BB)

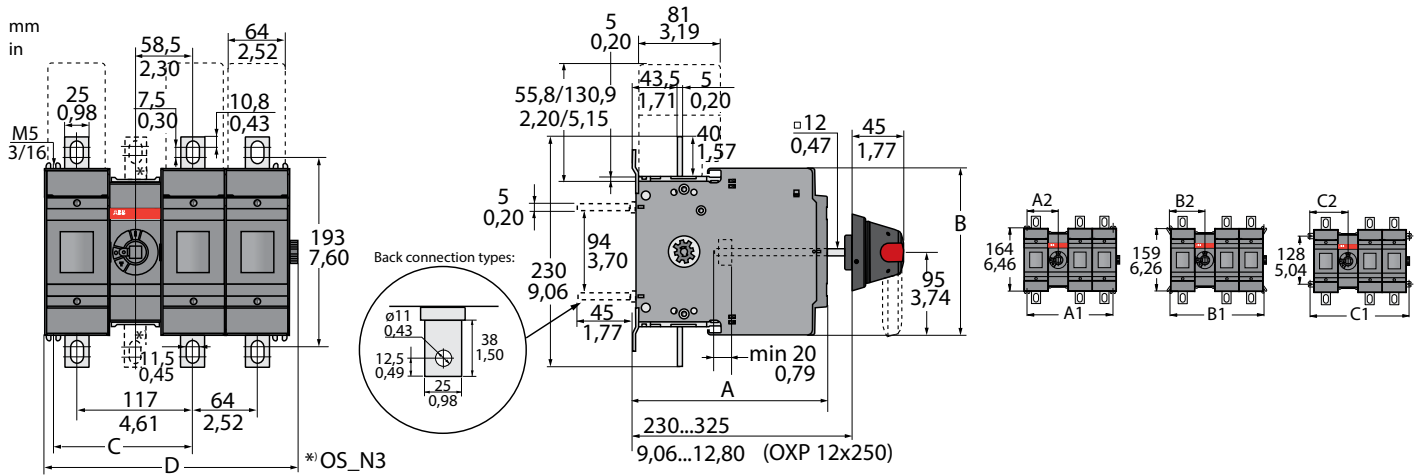


OS200_BB_								
[mm]	D01	B01	D02	B02	D03	B03	D04	B04
A	89,5	89,5	133	133	176,5	176,5	220	220
B	149	130	149	130	149	130	149	149
C	198,5	198,5	198,5	198,5	198,5	198,5	198,5	198,5
D	36,5	36,5	36,5	36,5	36,5	36,5	36,5	36,5
E	144,5	144,5	144,5	144,5	144,5	144,5	144,5	144,5
F	48,5	48,5	48,5	48,5	48,5	48,5	48,5	48,5
G	-	-	43,5	43,5	43,5	43,5	43,5	43,5
H	20	20	20	20	20	20	20	20
I	40	40	40	40	40	40	40	40
J	10	10	10	10	10	10	10	10
K	8,4	8,4	8,4	8,4	8,4	8,4	8,4	8,4
L	8,6	8,6	8,6	8,6	8,6	8,6	8,6	8,6
M	164,5	164,5	164,5	164,5	164,5	164,5	164,5	164,5
A1	80,5	104	147,5	147,5	191	191	191	191
B1	79,5	79,5	123	123	166,5	166,5	210	210
C1	96,5	96,5	140	140	183,5	183,5	227	227

OS250_BB_				
[mm]	D01/B01	D02/B02	D03/B03	D04/B04
A	99,5	153,5	207,5	261,5
B	154	154	154	154
C	193	193	193	193
D	33,5	33,5	33,5	33,5
E	148,5	148,5	148,5	148,5
F	53,5	53,5	53,5	53,5
G	-	54	54	54
H	25	25	25	25
I	45	45	45	45
J	11	1	11	11
K	11,5	11,5	11,5	11,5
L	4	4	4	4
M	162	162	162	162
A1	70,5	124,5	178,5	232,5
B1	89,5	143,5	197,5	251,5
C1	106,5	160,5	214,5	268,5

Dimension drawings, IEC Special connected switch fuses

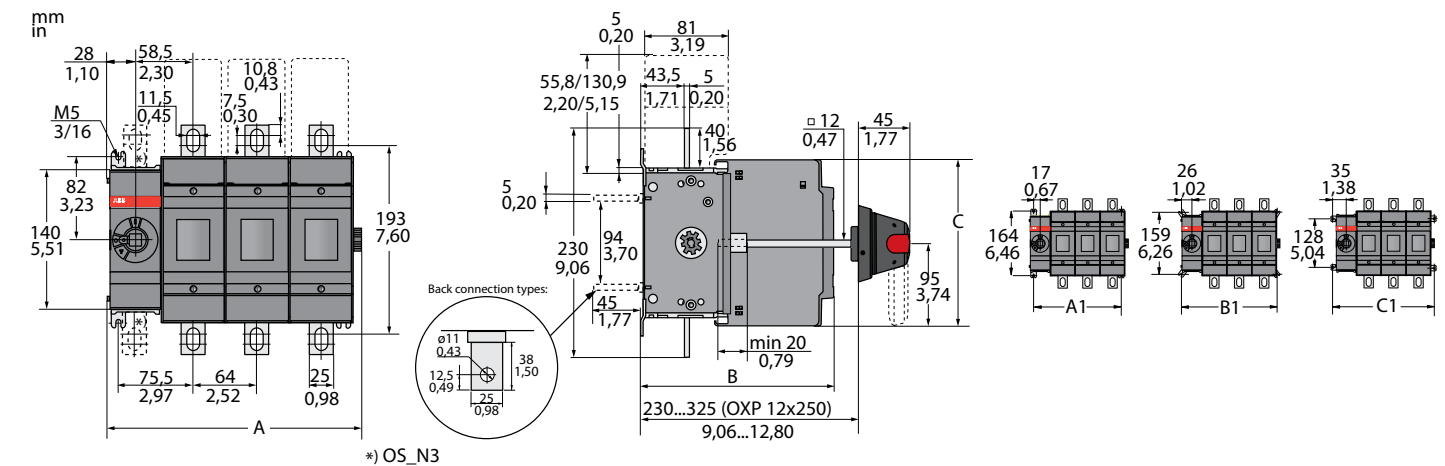
OS315_12/22_ and OS400_12/22 (BB)



OS315-400_BB						OS400_BB					
[mm]	B11	B12	B13	B21	B22	[mm]	D11	D12	D13	D21	D22
A	176	176	176	176	176	A	193	193	193	193	193
B	194	194	194	194	194	B	166	166	166	166	166
C	140	140	140	204	204	C	140	140	140	204	204
D	190	254	318	254	318	D	190	254	318	254	318

OS315_BB_						OS400_BB_					
[mm]	B11	B12	B21	B22	B13	[mm]	B11/D11	B12/D12	B21/D21	B22/D22	B13/D13
A1	163	227	227	291	291	A1	163	227	227	291	291
A2	81,5	81,5	145,5	145,5	81,5	A2	81,5	81,5	145,5	145,5	81,5
B1	181	245	245	309	309	B1	181	245	245	309	309
B2	90,5	90,5	154,5	154,5	90,5	B2	90,5	90,5	154,5	154,5	90,5
C1	199	263	263	327	327	C1	199	263	263	327	327
C2	99,5	99,5	163,5	163,5	99,5	C2	99,5	99,5	163,5	163,5	99,5

OS315_03/04_ and OS400_03/04 (BB)



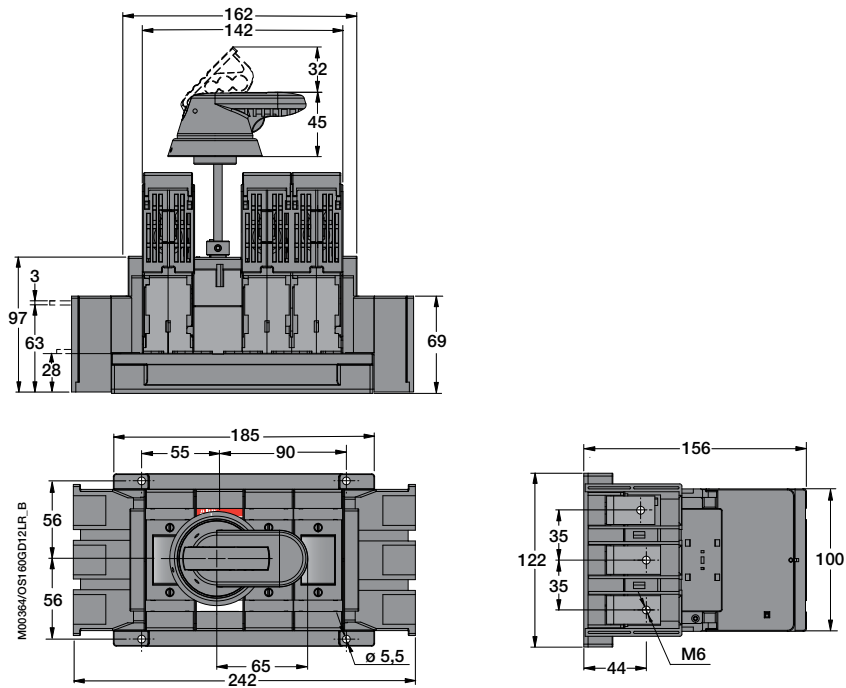
OS315 - 400_BB_					OS400_BB_				
[mm]	B01	B02	B03	B04	[mm]	D01	D02	D03	D04
A	127	191	255	319	A	127	191	255	319
B	176	176	176	176	B	193	193	193	193
C	194	194	194	194	C	166	166	166	166

OS315_BB				
[mm]	B01	B02	B03	B04
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

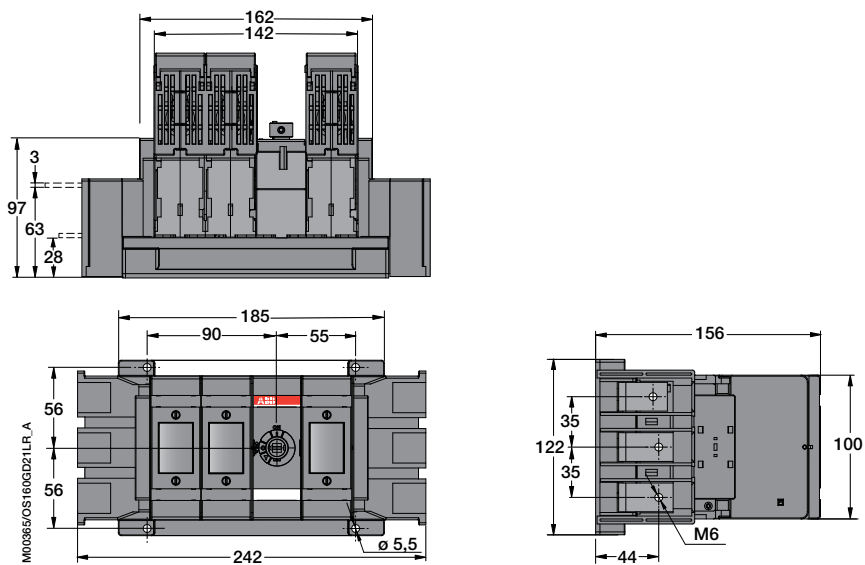
OS400_BB				
[mm]	B01/D01	B02/D02	B03/D03	B04/D04
A1	98,5	162,5	226,5	290,5
B1	116,5	180,5	244,5	308,5
C1	134,5	198,5	262,5	326,5

Dimension drawings, IEC Special connected switch fuses

OS125G...160GD12LR (LR)



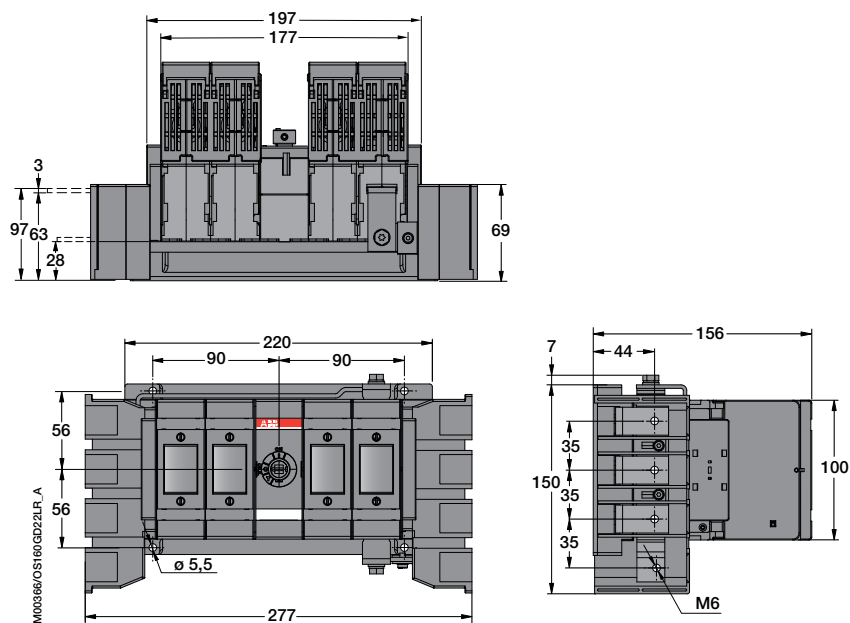
OS125G...160GD21LR (LR)



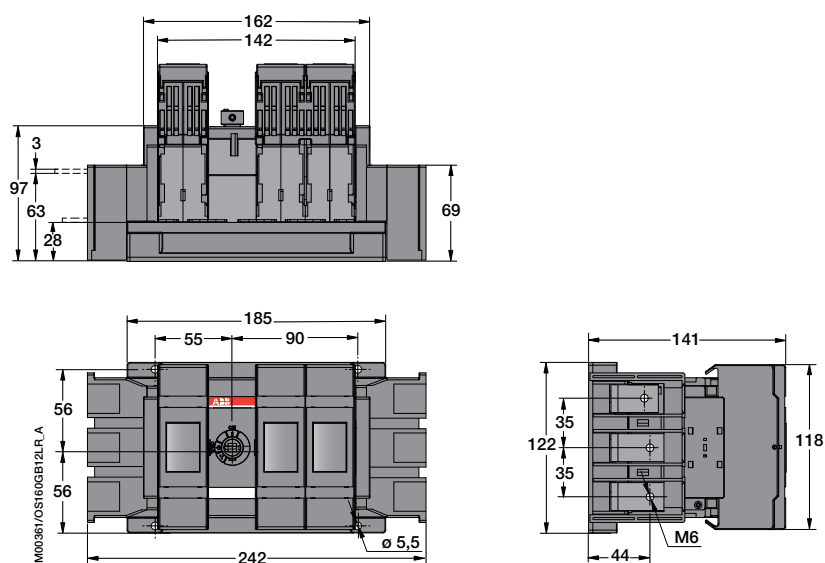
Dimension drawings, IEC

Special connected switch fuses

OS125G...160GD22LR (LR)



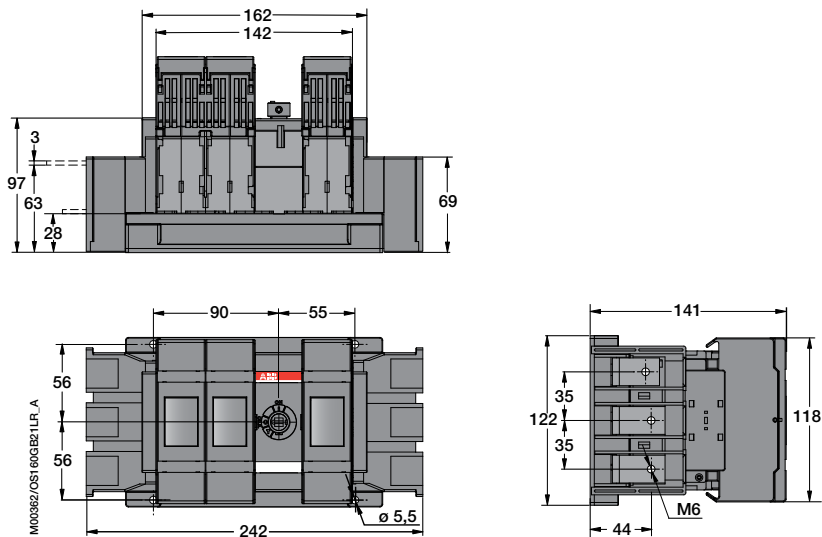
OS125G...160GB12LR (LR)



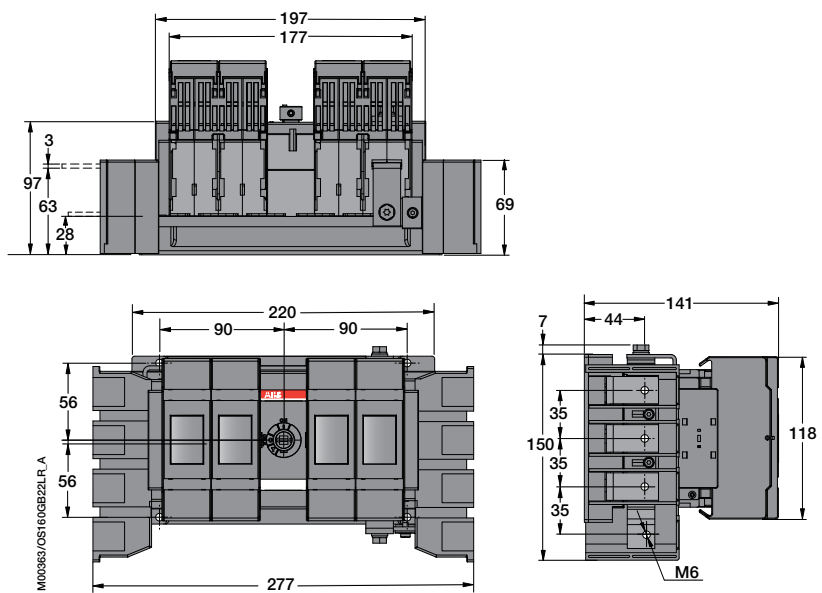
Dimension drawings, IEC

Special connected switch fuses

OS125G...160GB21LR (LR)



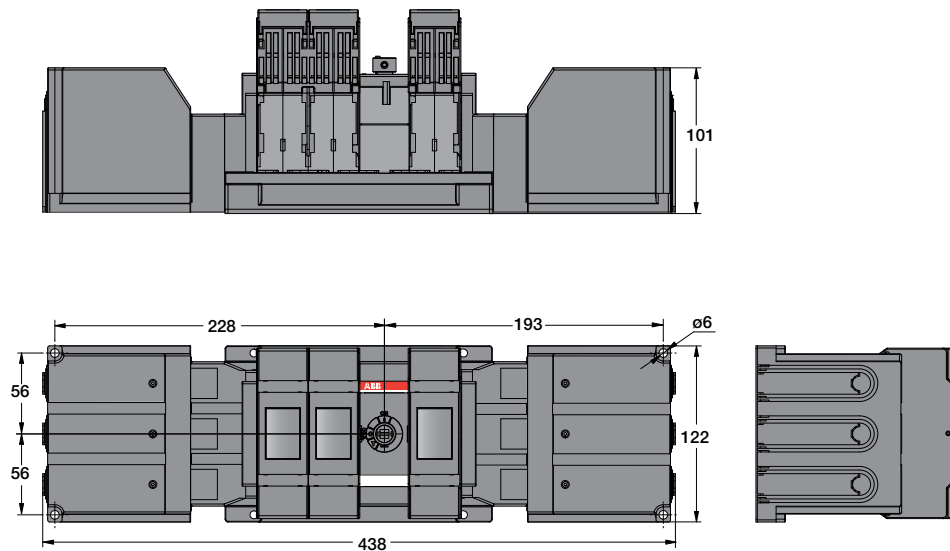
OS125G...160GB22LR (LR)



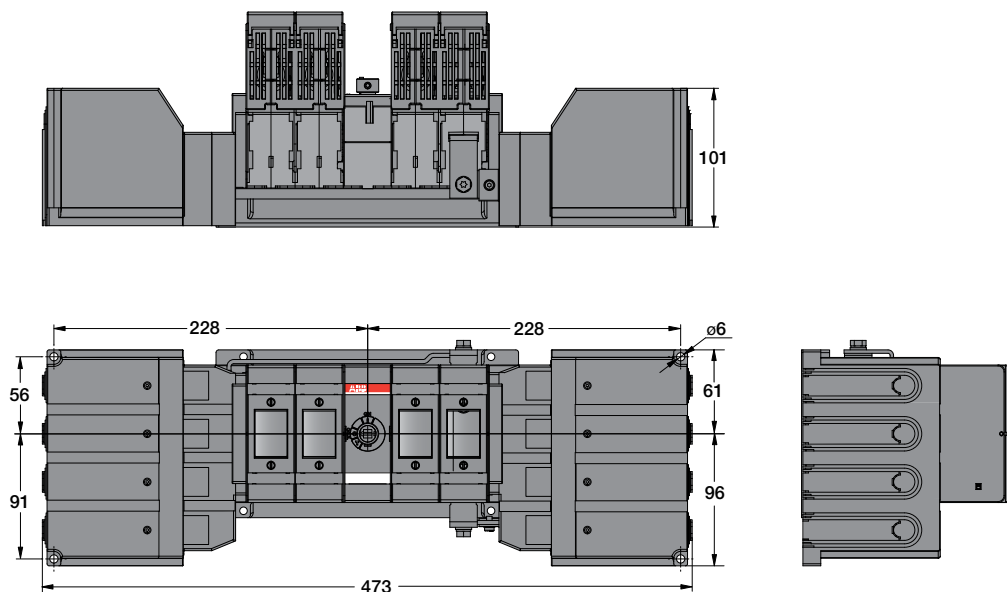
Dimension drawings, IEC

Special connected switch fuses

OS125G...160G_21LR + OSS160G_T^G3LS



OS125G...160G_22LR + OSS160G_T^G4LS



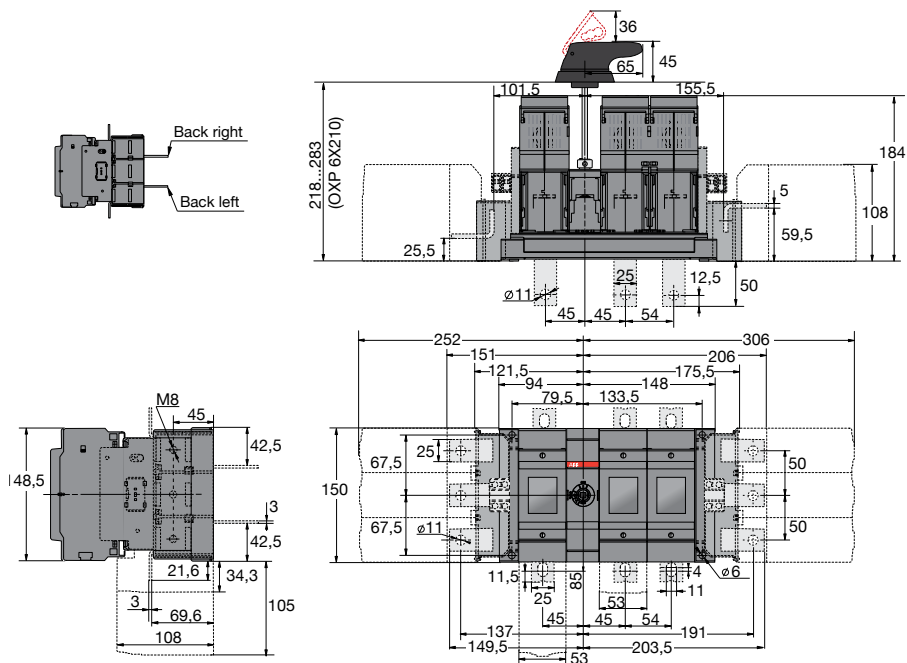
Dimension drawings, IEC

Special connected switch fuses

OS200B12_ and OS250_12_ (LR)

MO0120/OS250_12BL-BR B / M07026

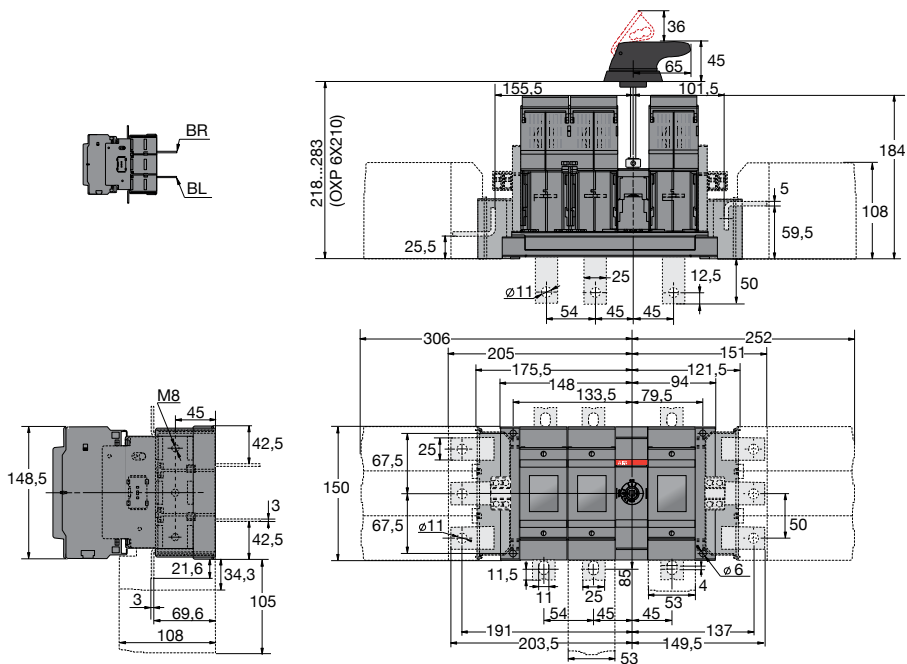
OS200B...250_LR, 3-pole
OS200B12LR
OS250B12LR
OS250D12LR



OS200B21_ and OS250_21_ (LR)

MO0119/OS250_21BD-BR B / M07027

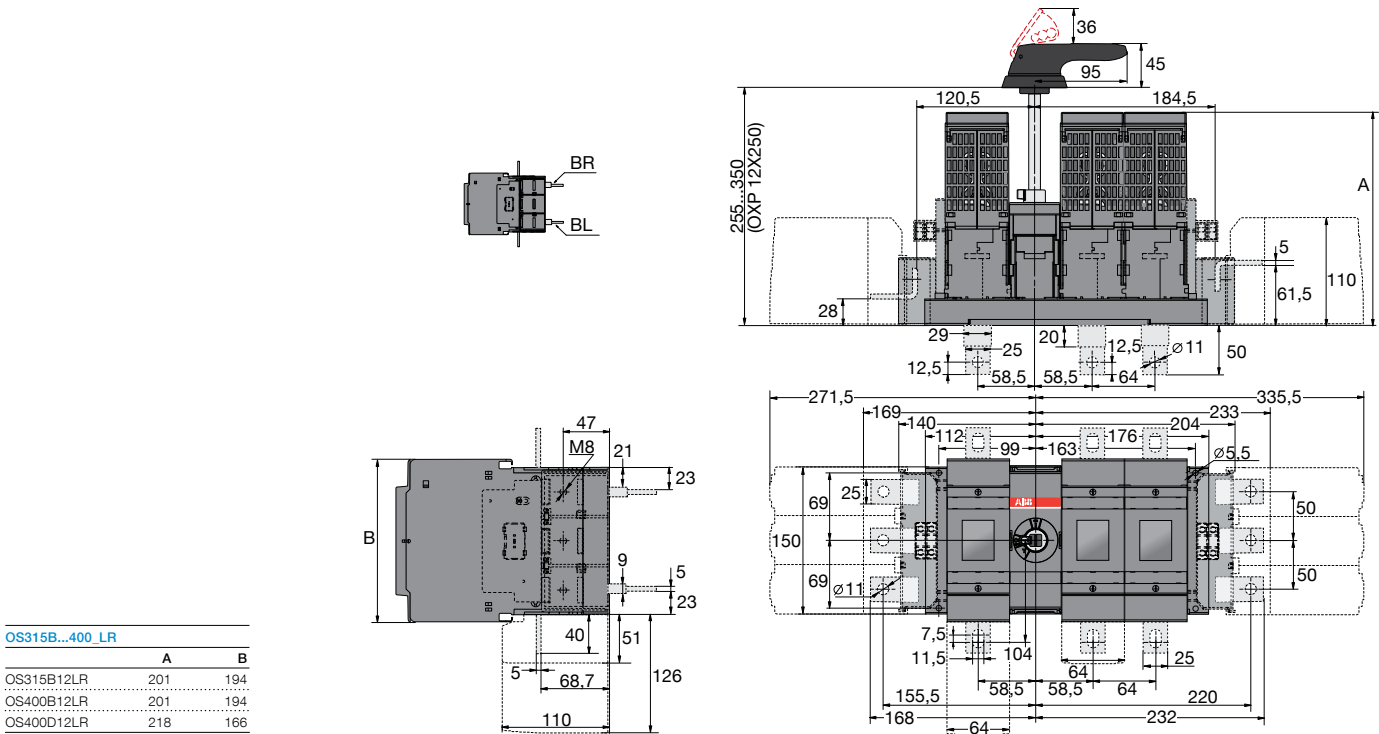
OS200B...250_LR, 3-pole
OS200B21LR
OS250B21LR
OS250D21LR



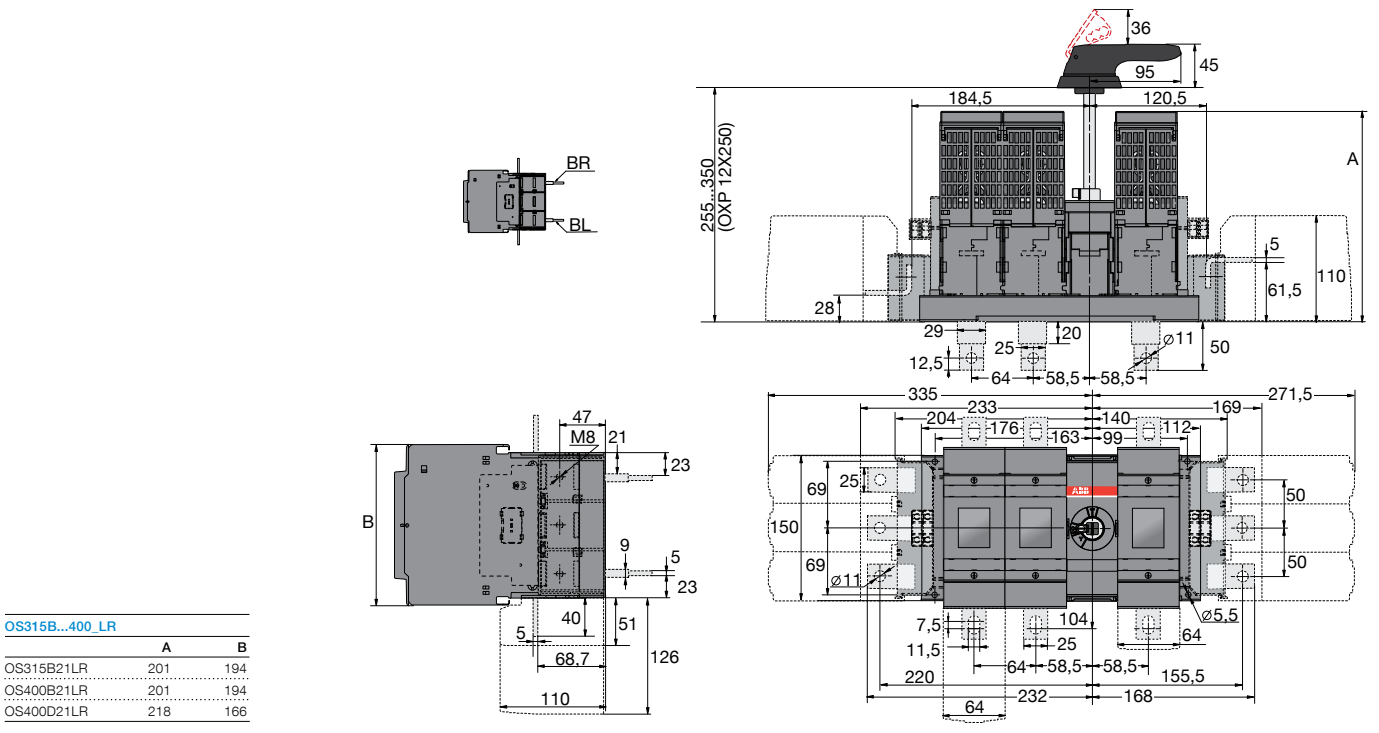
Dimension drawings, IEC

Special connected switch fuses

OS315B12_ and OS400_12_ (LR)



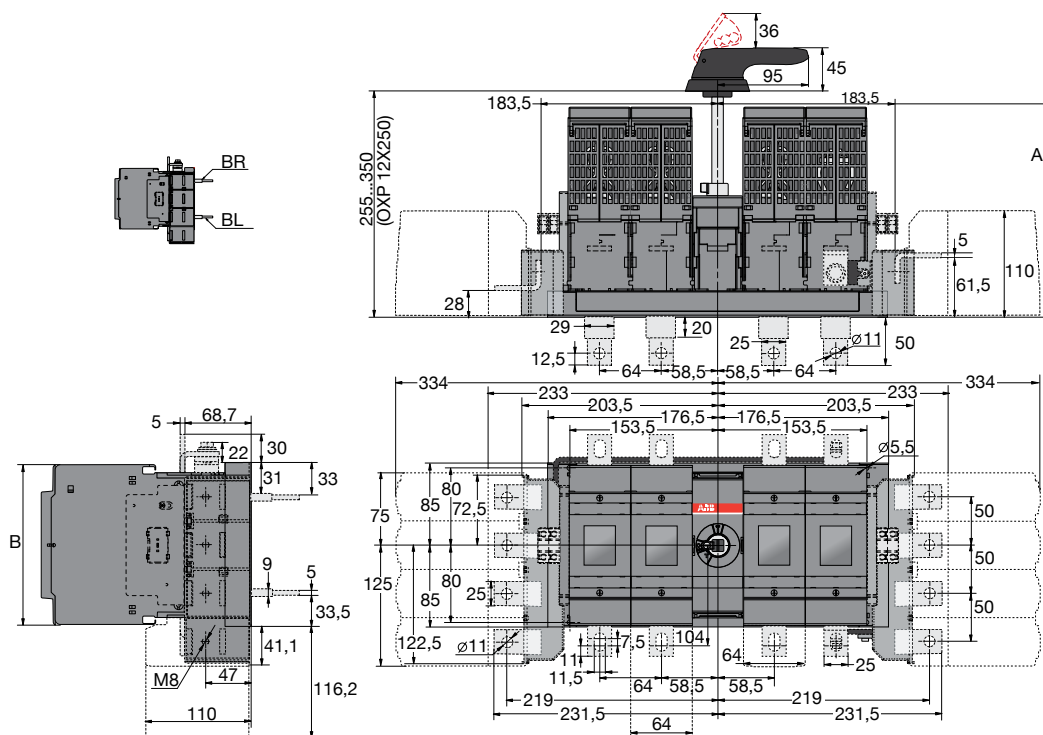
OS315B21_ and OS400_21_ (LR)



Dimension drawings, IEC Special connected switch fuses

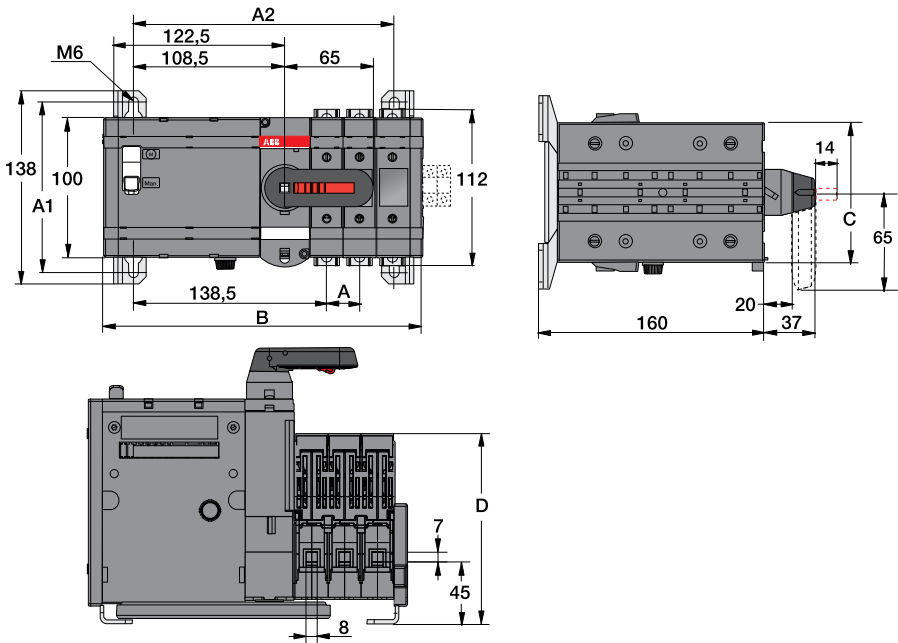
OS315B22_N2 and OS400_22_N2 (LR)

	A	B
OS315B22LR	201	194
OS400B22LR	201	194
OS400D22LR	218	166



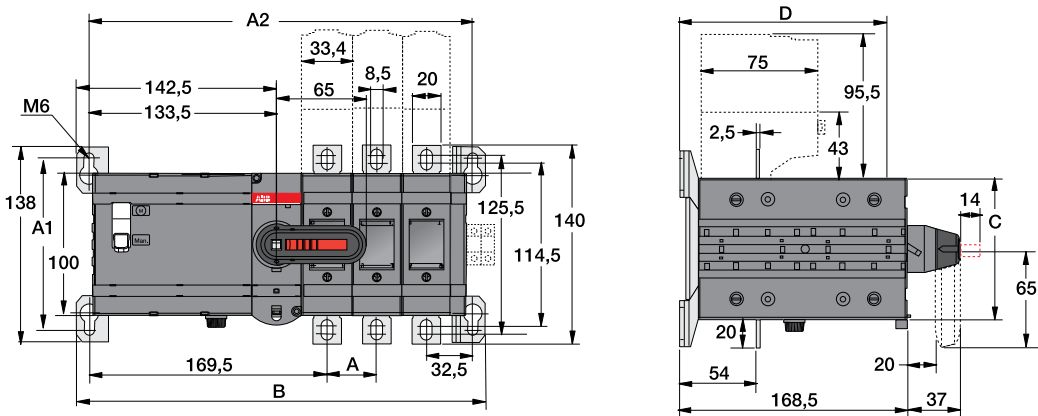
Dimension drawings, IEC Motorized switch fuses

OSM32...63_M_



OSM32-63_M_					
[mm]	D3	D4	B3	B4	
A	23,5	23,5	23,5	23,5	
A1	122	122	122	122	
A2	187,5	211	187,5	211	
B	229	252,5	229	252,5	
C	100	100	100	100	
D	136,5	136,5	124,5	124,5	

OSM100...160_M_

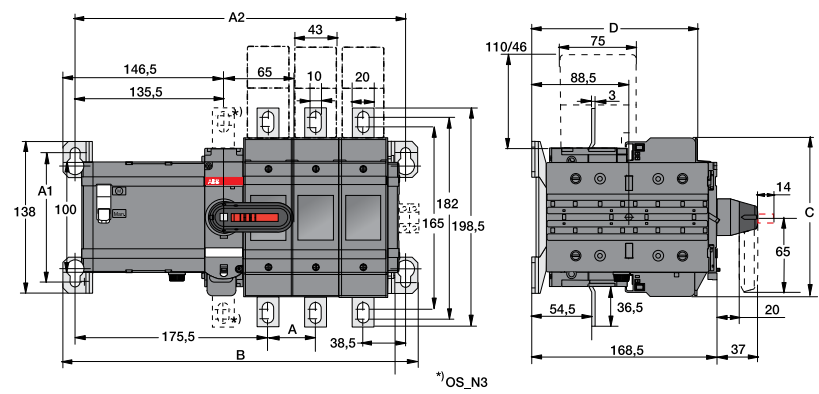


OSM100-160_M_					
[mm]	D/F3	D/F4	B3	B4	
A	35	35	35	35	
A1	122	122	122	122	
A2	272	307	272	307	
B	290	325	290	325	
C	100	100	118	188	
D	146	146	130,5	130,5	

Dimension drawings, IEC

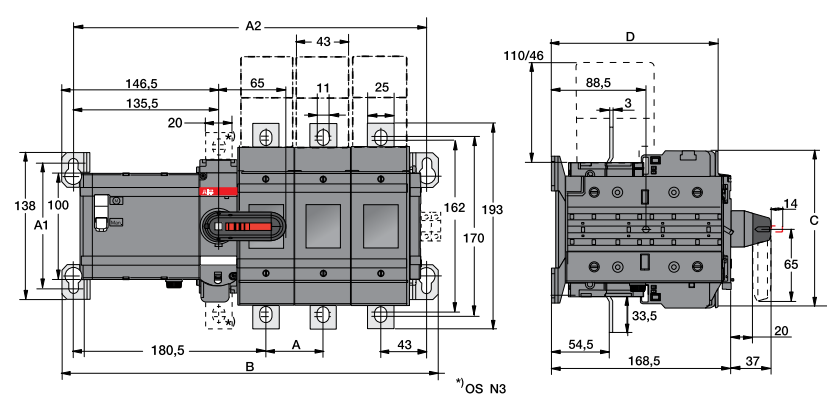
Motorized switch fuses

OSM200_M_



OSM200_M				
[mm]	B3	B4	D3	D4
A	43,5	43,5	43,5	43,5
A1	118	118	118	118
A2	301,5	345	301,5	345
B	323,5	367	323,5	367
C	144,5	144,5	144,5	144,5
D	132	132	151	151

OSM250_M_

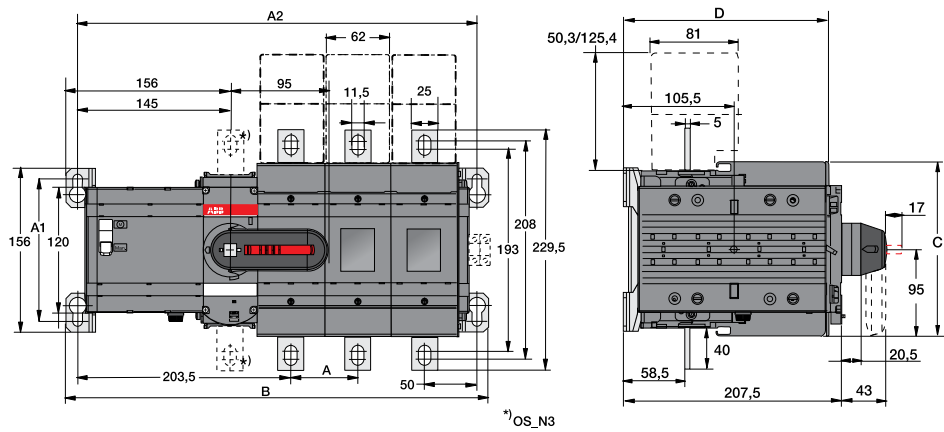


OSM250_M		
[mm]	D3/B3	D4/B4
A	54	54
A1	118	118
A2	332	386
B	354	408
C	148,5	148,5
D	156	156

Dimension drawings, IEC

Motorized switch fuses

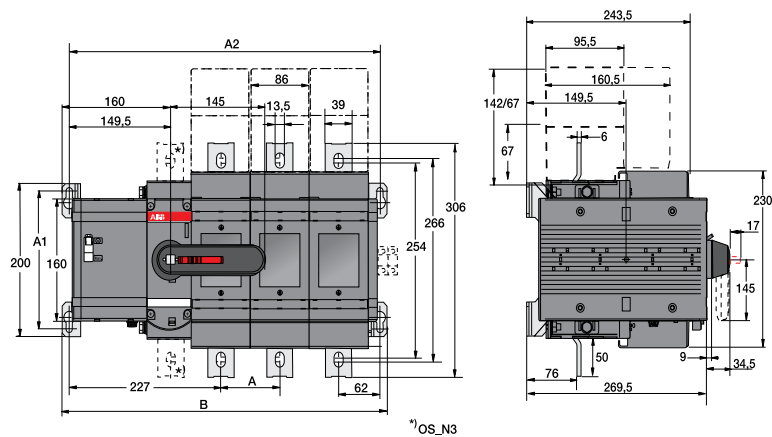
OSM315...400_M_



OSM315_M_			
[mm]	B3	B4	
A	64	64	
A1	136	136	
A2	382	446	
B	404	468	
C	194	194	
D	178,5	178,5	

OSM400_M_				
[mm]	B3	B4	D3	D4
A	64	64	64	64
A1	136	136	136	136
A2	382	446	382	446
B	404	468	404	468
C	194	194	166	166
D	178,5	178,5	196,5	196,5

OSM630...800_M_

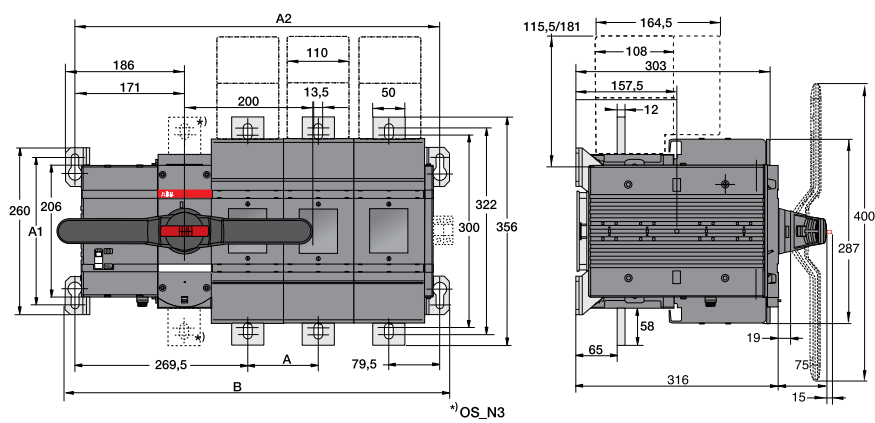


OSM630-800_M_		
[mm]	D3/B3	D4/B4
A	88	88
A1	180	180
A2	465,5	553,5
B	486,5	574,5

Dimension drawings, IEC

Motorized switch fuses

OSM1250_M_



M00238 / OSM1250-M C

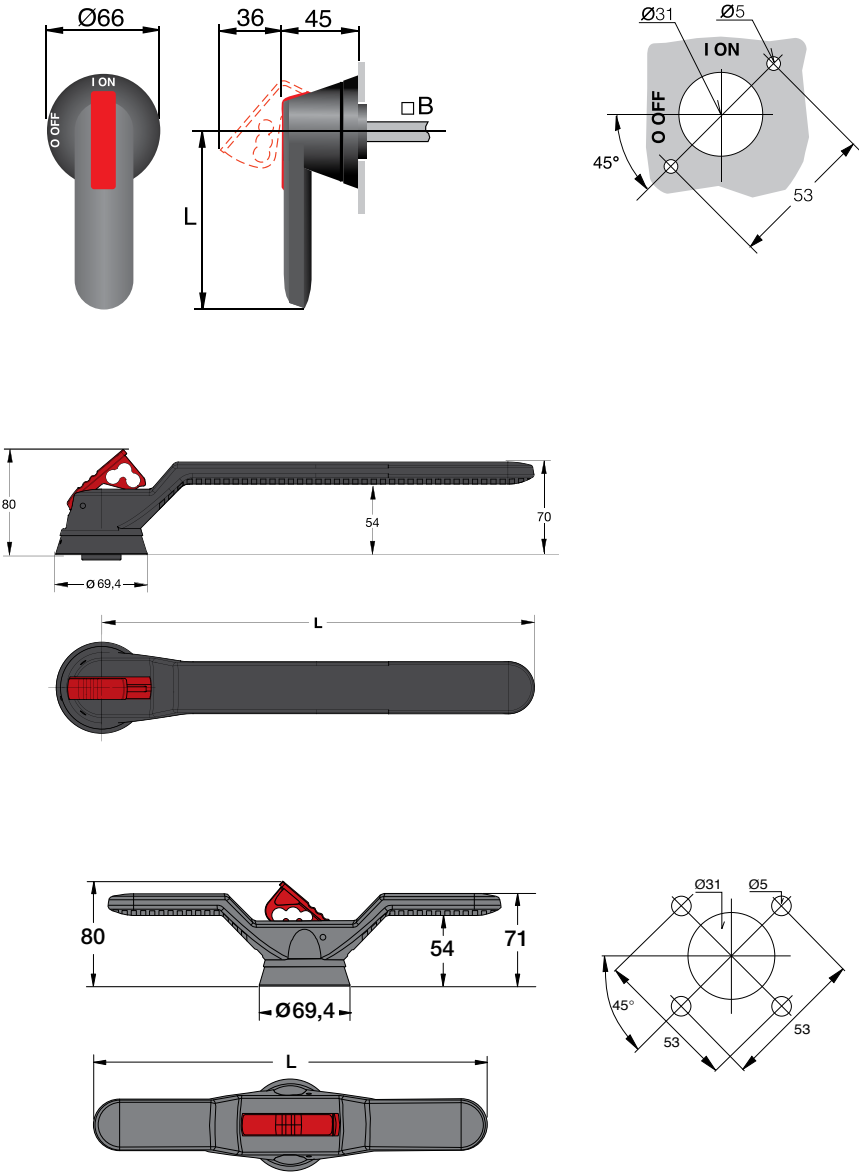
OSM1250_M		
[mm]	B3/D3	B4/D4
A	110	110
A1	230	230
A2	569,5	679,5
B	599,5	709,5

Dimension drawings

Accessories

Plastic handles

Door drilling for OH_ handles:



Handle type	B shaft diameter [mm]	Length L [mm]
OH_45J6	6	45
OH_65J6	6	65
OH_95J12	12	95
OH_125J12	12	125
OH_145J12	12	145
OH_175J12	12	175
OH_275J12	12	275

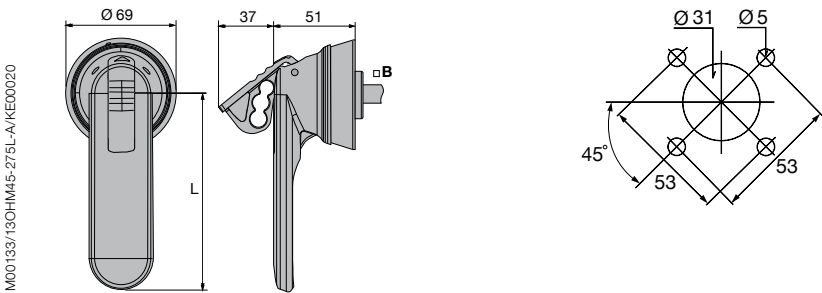
Handle type	Length L [mm]
OH_274J12	274
OH_330J12	330

Handle type	Length L [mm]
OHB150J12P	300
OHB200J12P	400

Stainless steel handles

OHM_

Door drilling for OHM_



M00133/13OHM45-275L-A/KE00020

Handle type	B shaft diameter [mm]	Length L [mm]
OHM65L6	6	65
OHM125L12	12	125
OHM175L12	12	175
OHM275L12	12	275

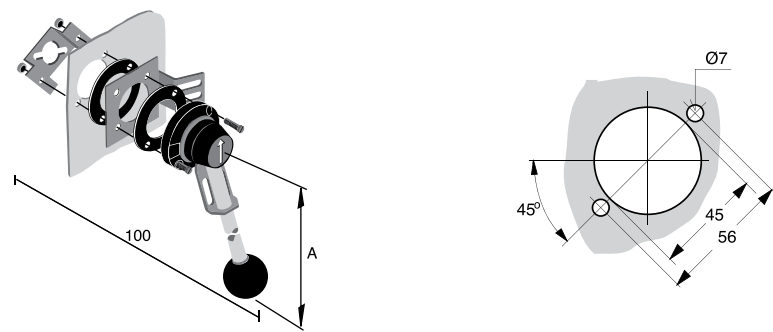
Dimension drawings

Accessories

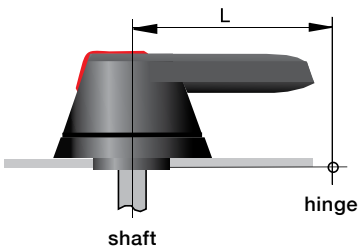
Metallic handles

YASDA7, 8 (A=220)

Door drilling for YASDA:



Minimum distance L between the hinge and the rotating shaft

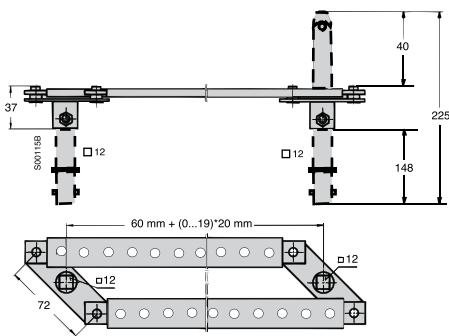
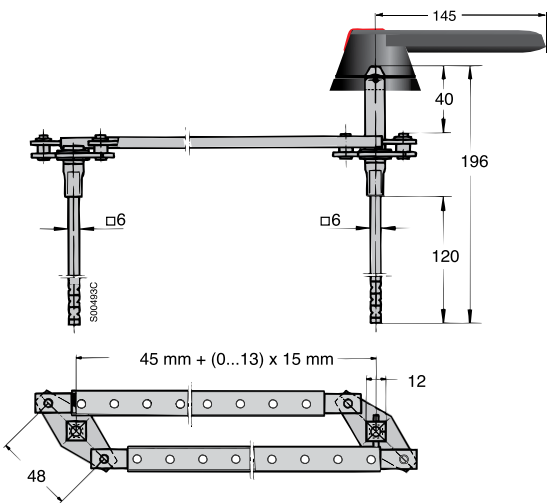


Sizes [A]	Length L [mm]	Handle type
30...250	60	OH_65J6
315...400	95	OH_95J12
630...800	150	OH_125J12, OH_145J12
630...800	175	OH_175J12
630...800	275	OH_275J12
630...800	220	YASDA7, 8
1200...1250	274	OH_274J12
1200...1250	330	OH_330J12

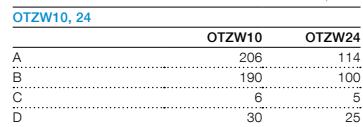
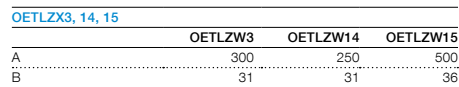
6 and 8-pole switch fuses

OESAZW2

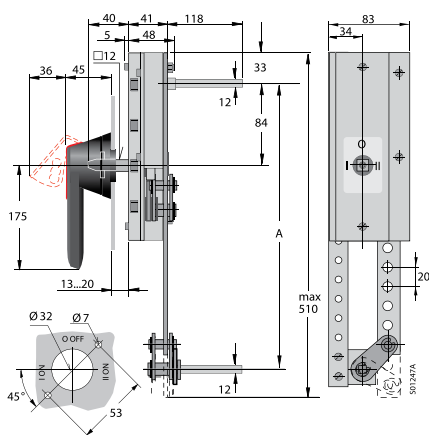
OETLZW9



Mechanical interlock

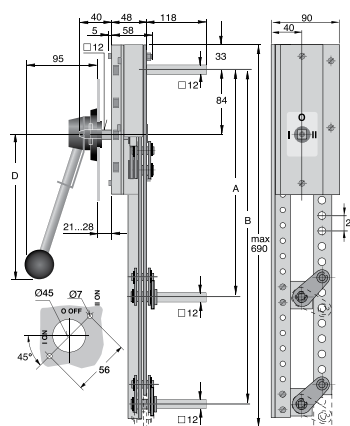


OETLZW11



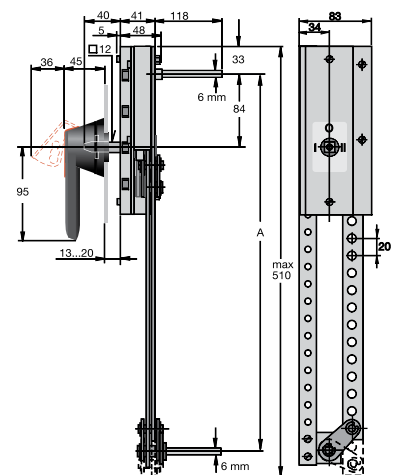
OETLZW11	
OETLZW11	
A	210+(0...11)x20 mm

OETLZW12, 13



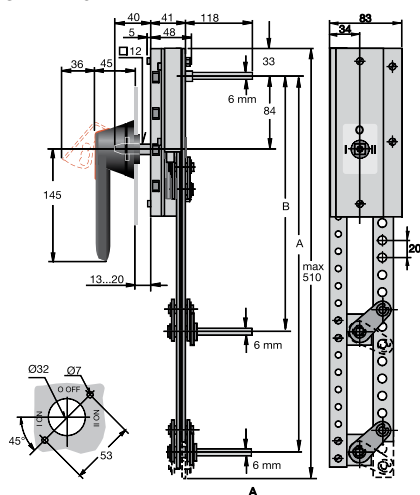
	OETLZW12	OETLZW13
A	210+(0...18)x20 mm	210+(0...18)x20 mm
B		250+(0...18)x20 mm
D	220 mm	320 mm

OTZW 25



OTZW25	
A	210+(0...18)x20mm

OTZW 26

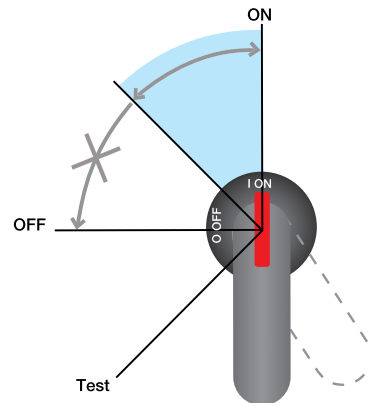


OTZW26	
A	210+(0...9)x20mm
B	210+(0...9)x20mm

Contact functions

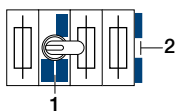
Handle indications and functions

- 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 testauxiliary contacts change position. The main contacts remain open.



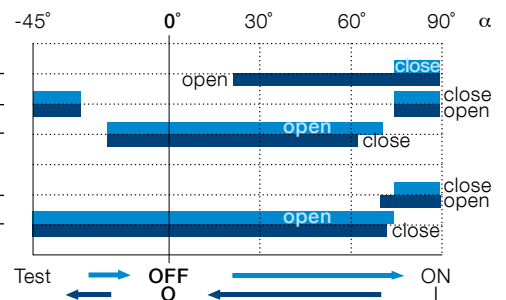
ON and OFF-functions of main and auxiliary contacts

Example

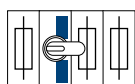


Places of auxiliary contacts and Test ind.

- 1 [NO auxiliary contact
NC auxiliary contact
- 2 [NO auxiliary contact
NC auxiliary contact



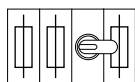
OS Mini



OA4B1C, 1 NO-NC

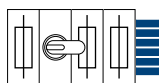
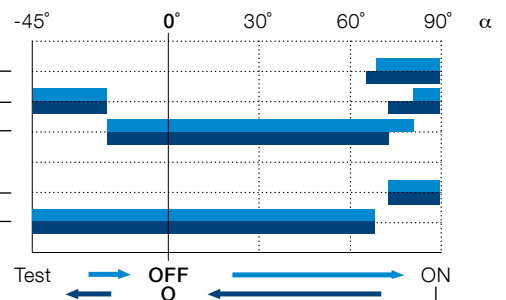
Change over contacts

- Main contacts
- [NO auxiliary contact
NC auxiliary contact



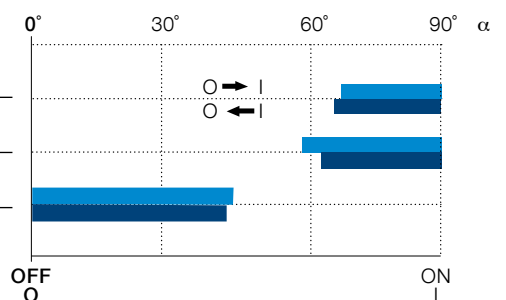
OA1G10, 1NO
OA3G01, 1NC

- NO auxiliary contact
NC auxiliary contact



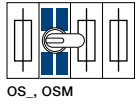
MCB-10 + OESAZX169, 1NO
MCB-01 + OESAZX169, 1NC

- Main contacts
- NO auxiliary contact
NC auxiliary contact

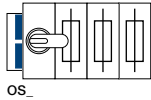


Contact functions

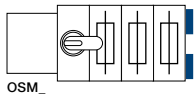
OS/OSM32G...1250



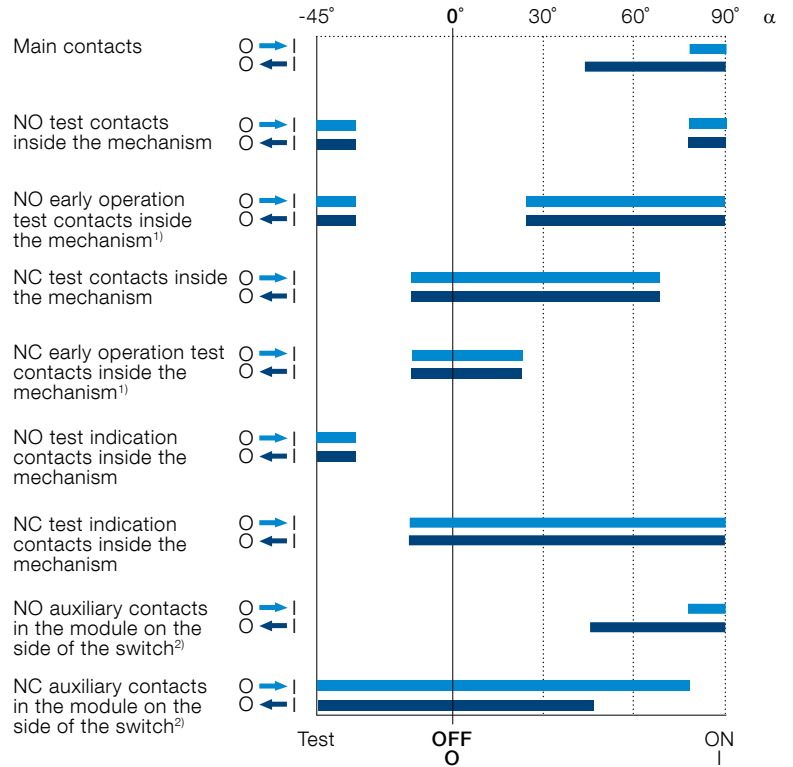
OA1G10, 1NO
OA3G01, 1NC



OA1G10, 1NO
OA3G01, 1NC
+ OEA28



OA1G10, 1NO
OA3G01, 1NC



¹⁾ OS/OSM1200...1250 only

²⁾ Also OSM32G...1250 mounted on the right side of the switch

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OS1250D03K	1SCA108718R1001	Front operated switch fuse	23
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OS1250DA02P	1SCA114059R1001	Front operated switch fuse	21
OS1250DA03K	1SCA108720R1001	Front operated switch fuse	23
OS1250DA03N3P	1SCA107934R1001	Front operated switch fuse	21
OS1250DA03P	1SCA105238R1001	Front operated switch fuse	21
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OS1250DA04N2P	1SCA105243R1001	Front operated switch fuse	21
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OS125GB03N3P-42	1SCA129912R1001	Front operated switch fuse	32
OS125GB03P	1SCA115634R1001	Front operated switch fuse	28
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OS125GB04N1P	1SCA115901R1001	Front operated switch fuse	28
OS125GB12LRP	1SCA120258R1001	Special connected switch fuse	37
OS125GB12N3P-42	1SCA129914R1001	Switch fuse, BS-type	31
OS125GB21LRP	1SCA120261R1001	Special connected switch fuse	37
OS125GB22LRP	1SCA120265R1001	Special connected switch fuse	37
OS125GBS30K	1SCA116400R1001	Side operated switch fuse	34
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OS125GD02P	1SCA116716R1001	Front operated switch fuse	19
OS125GD03BBP	1SCA120802R1001	Special connected switch fuse	26
OS125GD03K	1SCA116878R1001	Front operated switch fuse	22
OS125GD03P	1SCA115639R1001	Front operated switch fuse	19
OS125GD04BBN2P	1SCA120806R1001	Special connected switch fuse	26
OS125GD04FK	1SCA116741R1001	Front operated switch fuse	22
OS125GD04FP	1SCA115686R1001	Front operated switch fuse	19
OS125GD04N2K	1SCA116740R1001	Front operated switch fuse	22
OS125GD04N2P	1SCA115877R1001	Front operated switch fuse	19
OS125GD12LRP	1SCA120062R1001	Special connected switch fuse	27
OS125GD21LRP	1SCA120255R1001	Special connected switch fuse	27
OS125GD22LRP	1SCA120263R1001	Special connected switch fuse	27
OS125GDS30K	1SCA115933R1001	Side operated switch fuse	24
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OS160GB03N3P-42	1SCA129916R1001	Switch fuse, BS-type	31
OS160GB03N3P-42	1SCA129916R1001	Front operated switch fuse	32
OS160GB03P	1SCA115413R1001	Front operated switch fuse	28
OS160GB03P-42	1SCA128213R1001	Switch fuse, BS-type	31
OS160GB03P-42	1SCA128213R1001	Front operated switch fuse	32
OS160GB04BBN1P	1SCA122598R1001	Special connected switch fuse	36
OS160GB04N1K	1SCA116754R1001	Front operated switch fuse	32
OS160GB04N1P	1SCA115896R1001	Front operated switch fuse	28
OS160GB12LRP	1SCA120271R1001	Special connected switch fuse	37
OS160GB12N3P-42	1SCA129919R1001	Switch fuse, BS-type	31
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OS160GBS40N1K	1SCA115928R1001	Side operated switch fuse	34
OS160GD02P	1SCA116717R1001	Front operated switch fuse	19
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OS160GD03K	1SCA116742R1001	Front operated switch fuse	22
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OS160GD04BBN2P	1SCA120661R1001	Special connected switch fuse	26
OS160GD04FK	1SCA116880R1001	Front operated switch fuse	22
OS160GD04FP	1SCA115402R1001	Front operated switch fuse	19
OS160GD04N2K	1SCA116743R1001	Front operated switch fuse	22
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OS200BS30K	1SCA022870R7850	Side operated switch fuse	35
OS200BS40N2K	1SCA022870R8230	Side operated switch fuse	35
OS200D02P	1SCA022759R9220	Front operated switch fuse	20
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OS200D03N3P	1SCA022749R8710	Front operated switch fuse	20
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OS250B03P	1SCA022750R6660	Front operated switch fuse	29
OS250B04BBN2P	1SCA102164R1001	Special connected switch fuse	36
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OS250B21LRP	1SCA022854R5850	Special connected switch fuse	37
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OS250BS40N2K	1SCA022870R9040	Side operated switch fuse	35
OS250D02P	1SCA022760R0170	Front operated switch fuse	20
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OS250D03K	1SCA022763R6360	Front operated switch fuse	23
OS250D03N3P	1SCA022749R9430	Front operated switch fuse	20
OS250D03P	1SCA022719R0090	Front operated switch fuse	20
OS250D04BBN2P	1SCA102205R1001	Special connected switch fuse	26
OS250D04FP	1SCA022726R8620	Front operated switch fuse	20
OS250D04N2K	1SCA022763R6440	Front operated switch fuse	23
OS250D04N2P	1SCA022719R2380	Front operated switch fuse	20
OS250D12LRP	1SCA022852R8410	Special connected switch fuse	27
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OS32GDS30K	1SCA115929R1001	Side operated switch fuse	24
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OS400B03P	1SCA022719R0840	Front operated switch fuse	29
OS400B04BBN2P	1SCA102248R1001	Special connected switch fuse	36
OS400B12LRP	1SCA022855R1400	Special connected switch fuse	37
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OS400BS40N2K	1SCA022871R0640	Side operated switch fuse	35
OS400D02P	1SCA022811R2740	Front operated switch fuse	20
OS400D03BBP	1SCA102260R1001	Special connected switch fuse	26
OS400D03K	1SCA022779R5410	Front operated switch fuse	23
OS400D03N3P	1SCA022753R9320	Front operated switch fuse	20
OS400D03P	1SCA022719R0250	Front operated switch fuse	20
OS400D04BBN2P	1SCA102289R1001	Special connected switch fuse	26
OS400D04FP	1SCA022753R7110	Front operated switch fuse	20
OS400D04N2K	1SCA022763R7250	Front operated switch fuse	23
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