

Switchgear



Switch disconnectors

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New
OTM 40

Changeover & transfer switches

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Cam switches

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OT switch disconnectors  Full range of product and technical information place this part number in a search engine and download 1SEC301001C0201	Switch fuses  Full range of product and technical information place this part number in a search engine and download 1SCC311013C0201	Changeover switches  Full range of product and technical information place this part number in a search engine and download 1SCC303003C0201
XR SlimLine switch fuses  Full range of product and technical information place this part number in a search engine and download 1SEC311001C0201	Cam switches  Full range of product and technical information place this part number in a search engine and download 1SCC302003C0201	

OT switch disconnectors

16 ... 3150 A 690V

Manual operation



IEC	OT16F	OT63F	OT100F	OT160E	OT160EV	OT315E
	OT25F	OT80F	OT125F		OT200E	OT400E
	OT40F				OT250E	
UL	OT16F	OT63F	OT30F	OT160E		OT200U
	OT25F	OT80F	OT60F			
	OT40F		OT100F			

Switch size	16 25 40	63 80	30 60 100 125	160	160 200 250	200	315 400
IEC I_n [A]	25 32 40	63 80	115 125	200	200 200 250		315 400
I_n /AC22A ? 415V [A]	16 25 40	63 80	100 125	160	200 200 250		315 400
I_n /AC23A ? 415V [A]	16 20 23	45 75	80 90	135	200 200 250		315 400
UL Ampere rating [A]	20 30 40	60 80	30 60 100	100		200	

Motor operation



IEC	OTM160E	OTM315E
	OTM200E	OTM400E
	OTM250E	

Switch size [A]	160 200 250	315 400
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Accessories

Optional handles

Extended shafts

Legend plates

Auxiliary contacts

Fourth poles

N & PE terminals

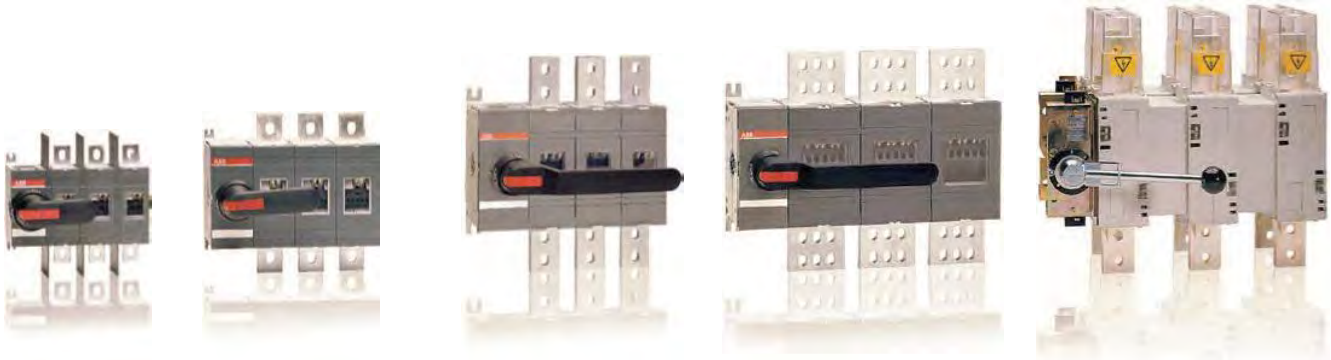
Terminal shrouds

Connecting accessories

Conversion kits

Locking accessories

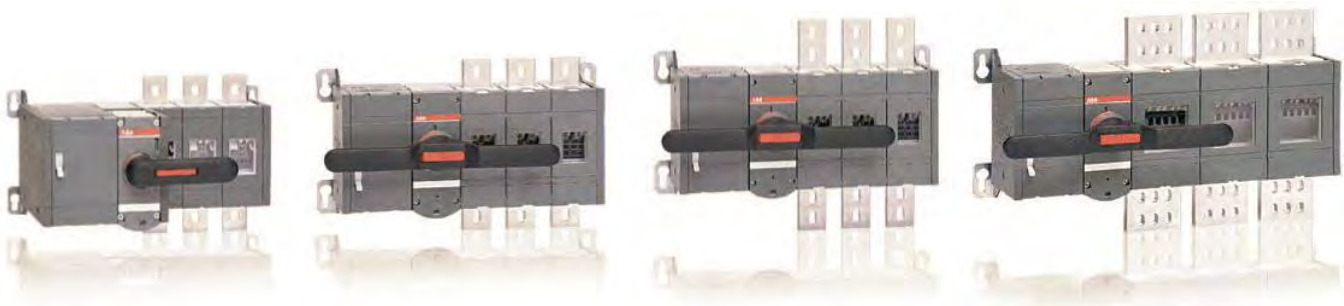
Motor operators



	OT630E	OT1000E	OT2000E	OETL3150K
	OT800E	OT1250E	OT2500E	
		OT1600E		
OT400U	OT600U	OT800U		OETL-NF1600
		OT1200U		OETL-NF2000

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400	600 630 800	800 1000 1200 1250 1600	2000 2500	1600 2000 3150
	630 800	1000 1250 1600	2000 2500	3150
	630 800	1000 1250 1600	2000 2500	
	630 800	1000 1250 1600		
400	600	800 1200		1600 2000



OTM630E	OTM1000E	OTM1600E	OTM2000E
OTM800E	OTM1250E		OTM2500E

630 800	1000 1250	1600	2000 2500
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Enhanced range of switch-disconnectors

From 16 to 3150 A, 690 V

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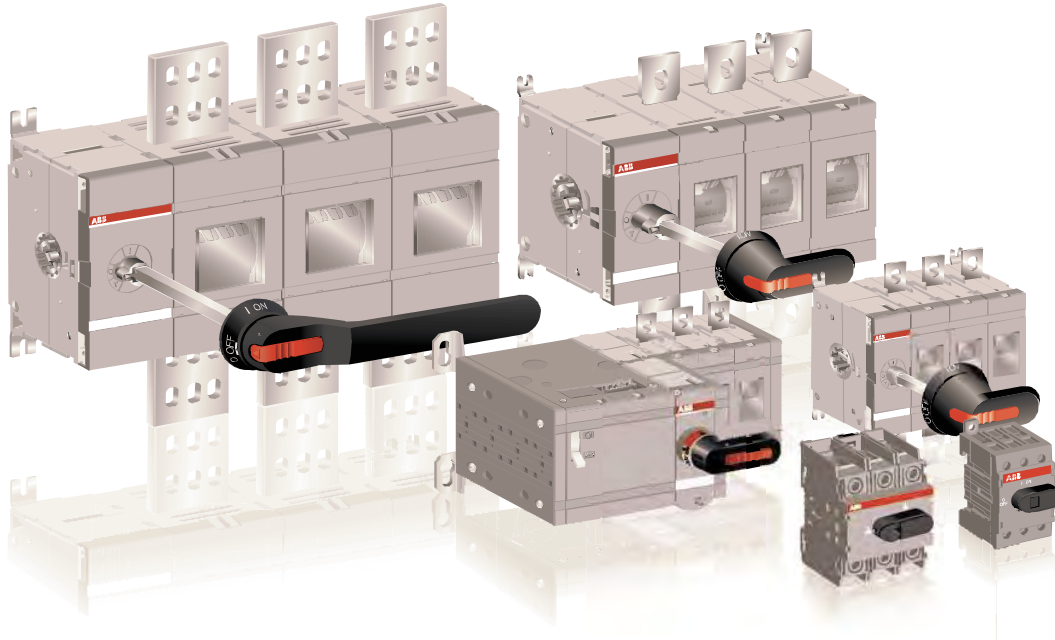


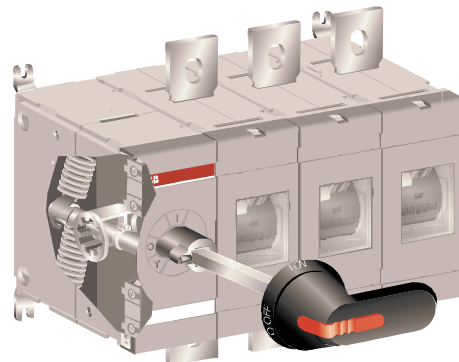
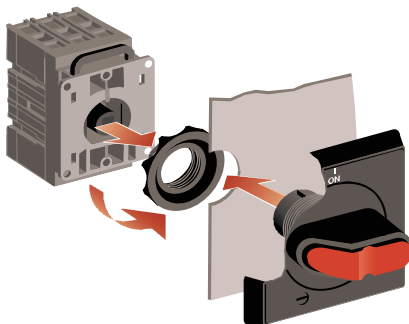
ABB switch-disconnectors are suitable for diverse applications, in motor control centers, in switchboards and as main switches in various equipment and machines. From single to 8-poles front operated switches with pistol handle or direct mounted handle. For installation in enclosures, side operated switches, switches with wide phase distance and combination switches for change-over, bypass, reversing etc.

- Mountable on DIN rails or base plates and on the door, both by snap-on and screw fitting
- Snap-on mounting of accessories
- Motorized switch-disconnectors OTM are suitable for remote control

The most compact disconnect (isolation) solution

Optimally designed, the OT switch-disconnector offers an advanced and compact solution, providing you with added value.

- The new double-sided spring construction in combination with fewer components made an innovative and compact design of the operation mechanism possible.
- The uniquely short current path enabled a small-sized contact construction.



ABB's switch-disconnector range meets disconnect and isolation requirements more effectively than ever, maximizing the benefits and optimizing your use of assets.

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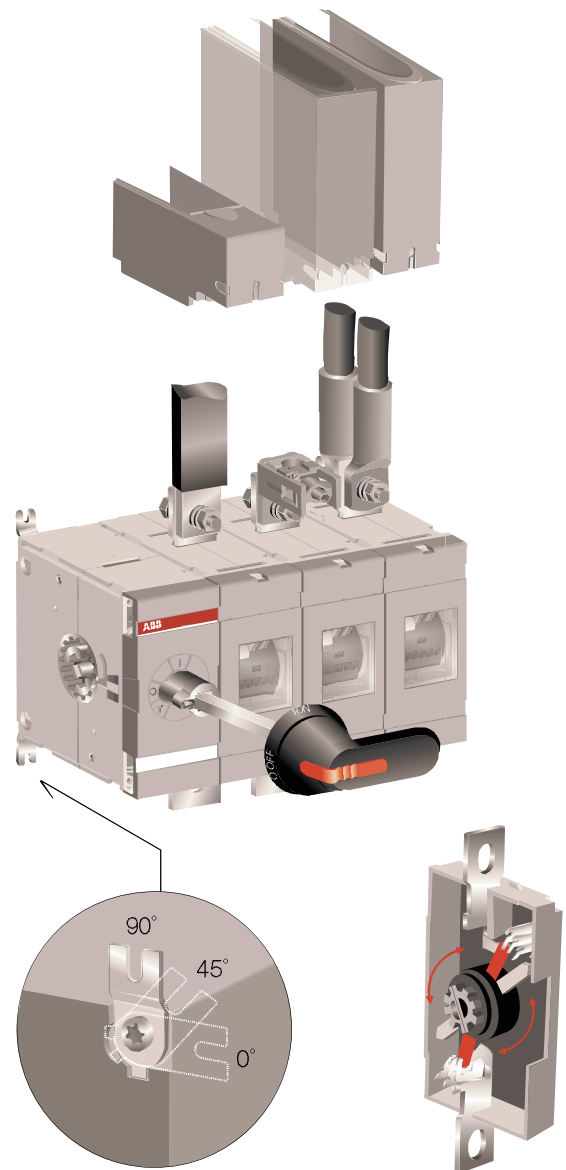
High performance despite the small size

The powerful construction, with its quick-make and quick-break operation features and two contact points instead of one, adds value to and enhances the performance of the switch-disconnectors.

- The OT range offers you improved power ratings. Full I_{th} ratings can be used both in open air and in enclosures, without having to derate or enlarge the box.
- User-friendly and flexible, the OT switch-disconnector provides you with full AC-23A current ratings for all the voltages, even up to 690 V.

The OT switch-disconnector is easy to use and easy to install according to your choice: horizontally or vertically - even in the ceiling! The adjustable mounting feet allow both top and side mounting of the switch.

ABB's switch-disconnector range meets disconnect and isolation requirements more effectively than ever, maximizing the benefits and optimizing your use of assets.

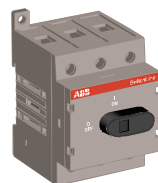


Switch disconnectors

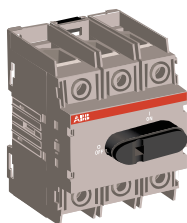
OT16 ...160 base mounted



OT16...32E3

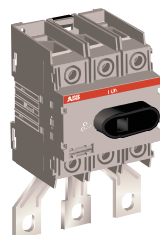


OT 45...63E3

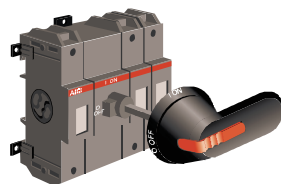


OT 100...125E3

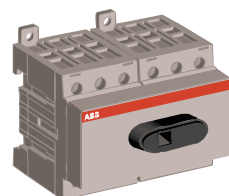
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OT125E3



OT 160E3



OT 16 - 40F6

Front operated switch-disconnectors, base and DIN-rail mounting

OT 16...160

Including protected terminal clamps, IP20. Handle and shaft have to be ordered separately.

					Product Hierarchy 2200003			
No of Poles	I _{th} (open) [A]	Cable Cross Section mm ²	Operational Currents AC22A/AC23A 400V	Shaft Diameter mm				
3	25	0.75...10	16/16	6	OT16F3			
4					OT16F4N2			
3	32		25/20		OT25F3			
4					OT25F4N2			
3	40		40/23		OT40F3			
4					OT40F4N2			
3	80	1.5...35	80/75		OT63F3			
4					OT63F4N2			
3	100				80/75	OT80F3		
4						OT80F4N2		
3	115				10...70	100/80	OT100F3	
4							OT100F4N2	
3	125	125/90	OT125F3					
4			OT125F4N2					
3	160	200/135	OT160E3					
4			OT160E4					

Front operated, 6- and 8- pole switch-disconnectors

Including protected terminal clamps, IP20

Product Hierarchy 2200003					
Suitable Shaft Diameter mm	I _{th} (open) [A]	Cable Cross Section [mm ²]	Operational Currents AC22A/AC23A 400V	Order Code	Price
6-pole					
6	25	0.75...10	16/16	OT16F6	
6	32		25/20	OT25F6	
6	40		40/23	OT40F6	
6	63	1.5...35	63/45	OT63F6	
6	80		80/75	OT80F6	
6	115		100/80	OT100F6	
6	125	10...70	125/90	OT125F6	
8-pole					
8	25	0.75...10	16/16	OT16F8	
8	32		25/20	OT25F8	
8	40		40/23	OT40F8	
8	63	1.5...35	63/45	OT63F8	
8	80		80/75	OT80F8	
8	115		100/80	OT100F8	
8	125	10...70	125/90	OT125F8	



Full range of product and technical information place this part number in a search engine and download
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Switch disconnectors

OT200 ... 800 base mounted



OT160EV03P



OT200E04P



OT315E03P



OT315E04P



OT630E04P

Front operated switch-disconnectors, with pistol handle

OT 200...800E

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.

			Product Hierarchy 2200003	
No of Poles	I _n (open) [A]	Operational Currents AC22A/AC23A 400V	Order Code	Price
3	200	200/160	OT160EV03P	
4			OT160EV04P	
3			OT160EV12P	
4			OT160EV22P	
3	200	200/200	OT200E03P	
4			OT200E04P	
3			OT200E12P	
4			OT200E22P	
3	250	250/250	OT250E03P	
4			OT250E04P	
3			OT250E12P	
4			OT250E22P	
3	315	315/315	OT315E03P	
4			OT315E04P	
3			OT315E12P	
4			OT315E22P	
3	400	400/400	OT400E03P	
4			OT400E04P	
3			OT400E12P	
4			OT400E22P	
3	630	630/630	OT630E03P	
3+N			OT630E03N3P	
4			OT630E04P	
3			OT630E12P	
4	800	800/800	OT630E22P	
3			OT800E03P	
3+N			OT800E03N3P	
4			OT800E04P	
3			OT800E12P	
4			OT800E22P	

Shafts & handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OT160EV...250_P	OX P6X210	OHB65J6	M 8x25
OT315...400_P	OX P12X185	OHB95J12	M 10x30
OT630...800_P	OX P12X185	OHB125J12	M 12x40

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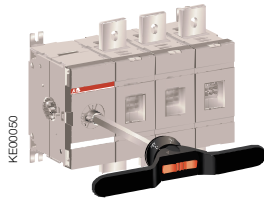
Switch disconnectors

OT1000 ...1600 & OETL 2500 ... 3150 base mounted

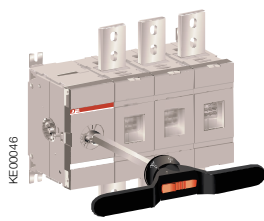
Front operated switch-disconnectors

OT 1000...1600 & OETL 2500...3150

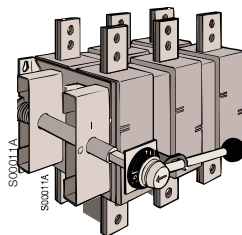
Including standard terminal bolt kit, a black ON-OFF plastic handle OHB200J12P and shaft OXP12x280 as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.



OT1000 - 1250_03P



OT1600_03P



OETL2500 - 3150K3

No of Poles	I_{th} (open) [A]	AC22A/AC23A 400V	Product Hierarchy 2200003	
			Order Code	Price
3	1000	1000/1000	OT1000E03P	
3+N			OT1000E03N3P	
4			OT1000E04P	
3			OT1000E12P	
4	1250	1250/1250	OT1000E22P	
3			OT1250E03P	
3+N			OT1250E03N3P	
4			OT1250E04P	
3	1600	1600/1250	OT1250E12P	
4			OT1250E22P	
3			OT1600E03P	
3+N			OT1600E03N3P	
4	2000	1600/1250	OT1600E04P	
3			OT1600E12P	
4			OT1600E22P	
3			OT2000E03P	
3+N	2500	2000/-	OT2000E03N3P	
4			OT2000E04P	
3			OT2000E12P	
4			OT2000E22P	
3	2500	2500/-	OT2500E03P	
3+N			OT2500E03N3P	
4			OT2500E04P	
3			OT2500E12P	
4	3150	2500/-	OT2500E22P	
3			OETL3150K3	
3			OETL3150K185	
4			OETL3150K4	
3	1600/-	1600/-	OETL3150K3-4	
3			OETL3150KV12	
4			OETL3150KV22	

Including an IP54 metallic handle with I-O indication. Padlockable in the O-position

Shafts & handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OT1000...1250_P	OXP12X280	OHB274J12P	M12X50
OT1600_P	OXP12X280	OHB274J12P	M12X60
OT2000...2500_P	OXP12X280	OHB274J12P	M12X60
OETL3150	OXP12X325	YASDA7	M12X60



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Switch disconnectors accessories

Operating handles



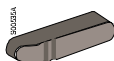
OHB 1



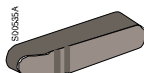
OHR 2



OHR 3



OHB 9

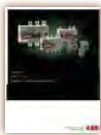


YAST 1

Optional handles for front operated, base & DIN-rail mounted switches

Handle knobs, mounting directly to the switch, no shaft needed

			Product Hierarchy 2200003	
Colour	Handle Length mm	Suitable for switch	Order Code	Price
Black	31	OT16...80F3/F4	OHBS1	
Red			OHRS1	
Black	37	OT16...40F3/F4	OHBS12	
Red			OHRS12	
Black	40	OT63...125F3/F4	OHBS2	
		OT16...40F6/F8		
Red		OT63...40F6/F8	OHRS2	
		OT16...40F6/F8		
Black	39	OT63...125F3/F4	OHBS3	
		OT16...40F6/F8		
Red		OT63...40F6/F8	OHRS3	
		OT16...40F6/F8		
Black	72	OT63...125F6/F8	OHBS9	
			OHBS9/1	
Red			OHRS9	
			OHRS9/1	
Black		OT160E	YAST1	



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Switch disconnectors accessories

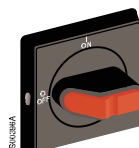
Operating handles



OH_1_



OH_3_



OH_2_

4

Optional handles for base & DIN-rail mounted switches

For shaft diameter 6mm, door drilling 22.5mm. The type and the ordering numbers are one piece

		Product Hierarchy 2200003	
Colour	Suitable for switch	Order Code	Price
IP54 handles, NEMA 1			
Black	OT16...80F	OHBS1AH	
Yellow/Red		OHYS1AH	
Silver		OHSS1AH	
Grey		OHGS1AH	
IP54 handles door interlock in ON position			
Black	OT16...80F	OHBS1AH1	
Yellow/Red		OHYS1AH1	
Silver		OHSS1AH1	
Grey		OHGS1AH1	
IP54 handles padlockable with one padlock with bail diameter 5...6.3mm, NEMA 1			
Black	OT16...125F	OHBS3AH	
Yellow/Red		OHYS3AH	
Silver		OHSS3AH	
Grey		OHGS3AH	
IP65 handles padlockable with max. 3 padlocks with bail diameter 5...8mm, door interlocked in ON position, defeatable, NEMA 1, 3R, 12			
Black	OT16...125F	OHBS2AJ	
Yellow/Red		OHYS2AJ	
Grey		OHGS2AJ	
IP65 handles padlockable with max. 3 padlocks with bail diameter 5...8mm, door interlocked in ON position, NEMA 1, 3R, 12			
Black	OT16...125F	OHBS2AJ1	
Yellow/Red		OHYS2AJ1	
Silver		OHSS2AJ1	
Grey		OHGS2AJ1	
IP65 handles with metal hasp padlockable with max. 3 padlocks door interlocked in ON position, deatable NEMA 1, 3R, 12			
Black	OT16...125F	OHBS2AJEH1	

Round padlockable handles

Padlockable in O-position , max. 3 padlocks with 8mm hasp diameter.

		Product Hierarchy 2200003	
Colour	Suitable for switch	Order Code	Price
One hole mounting handle, IP65, NEMA 4X outdoor, size 66x66			
Black	OT16...125F	OZ331SPB	
Yellow/Red		OZ331SPRY	
IP67, IP69K, NEMA 4X outdoor, size 66x66			
Black	OT16...80F	OZ331P67B	
Yellow/Red		OZ331SPRY	
Handles with door coupling in ON-position, not defeatable, IP65, NEMA 4X outdoor, size 66x66			
Black	OT16...125F	OZ371PB	
Yellow/Red		OZ371PRY	



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Switch disconnectors accessories

Operating handles

Optional handles, base & DIN-rail mounted switches

Pistol type handles

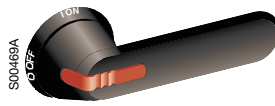
OH_handles: IP65, NEMA 1, 3R, 12, padlockable with three padlocks in OFF-position, door interlock in ON-position. Screw fixing from the back side of the handle. No screws on the front ensures double insulation. The type and the ordering numbers are for one piece.



OHY_



OHB_



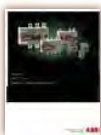
OHB_



OTV_



OHB_



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		Product Hierarchy 2200003		
Colour	Handle Length [mm]	Suitable for switches	Order Code	Price
For shaft diameter 5mm, indication in type OHB & OHY: I-O, ON-OFF, in types OHG: I-O				
Black	45	OT16...125F	OHB45J6	
Yellow-Red			OHY45J6	
Grey			OHG45J6	
For shaft diameter 6mm, indication in types OHB & OHY: I-O, ON-OFF, in types OHG: I-O				
Black	65	OT160...250	OHB65J6	
Yellow-Red			OHY65J6	
Grey			OHG65J6	
Black	80		OHB80J6	
Yellow-Red			OHY80J6	
Grey			OHG80J6	
For shaft diameter 6mm, indication: Test-OFF-ON/Test-O-I				
Black	65	OT200...250	OHB65J6T	
Yellow-Red			OHY65J6T	
For shaft diameter 12mm, indication in types OHB & OHY: I-O, ON-OFF, in types OHG: I-O				
Black	95	OT315...400	OHB95J12	
Yellow-Red			OHY95J12	
Grey			OHG95J12	
Black	125	OT630...800	OHB125J12	
Yellow-Red			OHY125J12	
Grey			OHG125J12	
Black	145	OT630...800	OHB145J12	
Yellow-Red			OHY145J12	
Grey			OHG145J12	
Black	274	OT1000...2500	OHB274J12	
Yellow-Red			OHY274J12	
Black	330	OT1000...2500	OHB330J12	
Yellow-Red			OHY330J12	
Black	2x150	OT1000...2500	OHB150J12P	
Yellow-Red			OHY150J12P	
Black	2x200	OT1000...2500	OHB200J12P	
Yellow-Red			OHY200J12P	
Black	2x75	OETL3150	OHB275J12	
Yellow-Red			OHY275J12	
Grey			OHG275J12	
For shaft diameter 12mm, indication: Test-OFF-ON/Test-O-I				
Black	95	OT315...400	OHB95J12T	
Yellow-Red			OHY95J12T	
Black	125	OT630...800	OHB125J12T	
Yellow-Red			OHY125J12T	
Black	145		OHB145J12T	
Yellow-Red			OHY145J12T	
Black	175		OHB175J12T	
Yellow-Red			OHY175J12T	
Black	274	OT1000...2500	OHB274J12T	
Yellow-Red			OHY330J12T	
Black	2x200		OHB200J12PT	
Yellow-Red			OHY200J12PT	

• Door interlocking in ON-position means that the door can not be opened, when the handle is in the ON-position. This can be defeated in IP65 types to allow authorised personnel access for inspection

• NEMA 4, 4x pistol handles available on request
• Handles padlockable in all positions available on request

Switch disconnectors accessories

Operating handles

Pistol type handles

			Product Hierarchy 2200003	
Colour	Handle Length [mm]	Suitable for switches	Order Code	Price
For shaft diameter 12mm, indication: I-O-II				
Black	275	OETL3150	OHB275J12E011	
Yellow-Red			OHY275J12E011	
Black			OHG275J12E011	

Handles for direct mounting

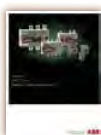
Indication Test-OFF-ON/Test-O-I. Padlockable with three padlocks in OFF-position. Includes shaft & mechanism cover

Colour	Handle Length [mm]	Suitable for switches	Order Code	Price
Black	65	OT160EV...250_K	OTV250EK	
Yellow-Red			OTVY250EK	
Black	95	OT315...400_K	OTV400EK	
Yellow-Red			OTVY400EK	
Black	125	OT630...800_K	OTV800EK	
Yellow-Red			OTVY800EK	
Black	274	OT1000...2500_K	OTV1000EK	
Yellow-Red	2x200		OTV100EPK	

Selector type handles

Indication I-O and ON-OFF. No separate shaft needed. The type and the ordering numbers are for one piece.

Colour	Suitable for switches	Order Code	Price
Snap-on mounting, door drilling 22.5mmø. No padlocking, IP54 NEMA 1			
Black	OT16...40FT	OHBS1PH	
Yellow-Red		OHYS1PH	
Silver		OHSS1PH	
Grey		OHGS1PH	
Padlockable with one padlock, IP54 NEMA 1			
Black	OT16...40FT	OHBS3PH	
Yellow-Red		OHYS3PH	
Silver		OHSS3PH	
Grey		OHGS3PH	
Padlockable with 3 padlocks, IP65 NEMA, 1, 3R, 12			
Black	OT16...40FT	OHBS2PJ	
Yellow-Red		OHYS2PJ	
Silver		OHSS2PJ	
Grey		OHGS2PJ	
Screw mounting, hole distance 36mm, No padlocking, IP54 NEMA 1			
Black	OT16...80FT	OHBS1RH	
Yellow-Red		OHYS1RH	
Silver		OHSS1RH	
Grey		OHGS1RH	
Padlockable with one padlock, IP54 NEMA 1			
Black	OT16...80FT	OHBS3RH	
Yellow-Red		OHYS3RH	
Silver		OHSS3RH	
Grey		OHGS3RH	
Padlockable with 3 padlocks, IP65 hole distance 36/48mm NEMA, 1, 3R, 12			
Black	OT16...125FT	OHBS2RJ	
Yellow-Red		OHYS2RJ	
Silver		OHSS2RJ	
Grey		OHGS2RJ	

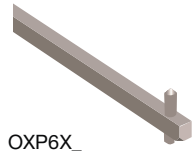


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Switch disconnectors accessories

Extended shafts

Extended shafts 6mm

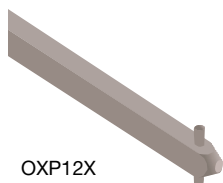


OXp6X_

Shaft length	H [mm]	Suitable for switches	Product Hierarchy 2200003	
			Order Code	Price
Selector type handles for shaft diameter 6mm				
85	see dimension drawings	OT16...125F	OXS6X85	
105			OXS6X105	
120			OXS6X120	
130			OXp6X130	
160			OXS6X160	
180			OXS6X180	
250			OXS6X250	
330			OXS6X330	
Round padlockable type handles for shaft diameter 6mm				
60	see dimension drawings	OT16...125F	OXS6X60	
85			OXS6X85	
105			OXS6X105	
115			OXS6X115	
130			OXS6X130	
155			OXS6X155	
200			OXS6X200	
300			OXS6X300	
Pistol type handles shaft diameter 6mm				
150	see dimension drawings	OT16...125F	OXp6X150	
170			OXp6X170	
265			OXp6X265	
400			OXp6X400	
Shaft diameter 6mm				
130	105...135	OT160E	OXp6X130	
150	125...155		OXp6X150	
210	185...215		OXp6X210	
130	109...174	OT160EV ... 250	OXp6X130	
150	129...194		OXp6X150	
161	140... 205		OXp6X161	
210	189...254		OXp6X210	
290	269...334		OXp6X290	

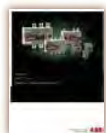
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Extended shafts 12mm



OXp12X

Shaft diameter 12mm		Order Code	
166	146...226	OT315 ...400	OXp12X166
185	165...245		OXp12X185
250	230...310		OXp12X250
280	260...340		OXp12X280
325	305...385		OXp12X325
395	445...525		OXp12X395
495	439...519		OXp12X465
535	515...595		OXp12X535
250	230...345	OT630...800	OXp12X250
280	260...375		OXp12X280
325	305...420		OXp12X325
395	375...490		OXp12X395
465	445...560		OXp12X465
535	515...630		OXp12X535
250	221...350	OT1000...2500	OXp12X250
185	251...380		OXp12X280
250	296...425		OXp12X325
280	366...495		OXp12X395
325	436...565	OTEL3150	OXp12X465
395	506...635		OXp12X535
325	340...535		OXp12X325
395	410...605		OXp12X395
465	480...675		OXp12X465
535	550...745		OXp12X535



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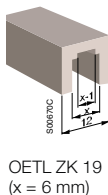
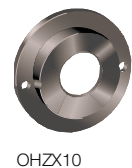
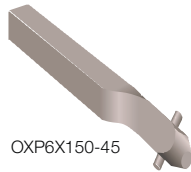
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Switch disconnectors accessories

Extended shafts

Extended shafts

Twisted shafts for pistol type handles, the shaft position is rotated 45 degrees.



				Product Hierarchy 2200003	
Shaft length	H [mm]	Suitable for switches	Order Code	Price	
Pistol type handle shaft diameter 6mm					
150	see dimension drawings	OT16...125F	OSP6X150-45		
170			OSP6X170-45		
265			OSP6X265-45		
400			OSP6X400-45		
Shaft diameter 6mm					
130	109...174	OT160EV...250	OSP6X130-45		
150	129...194		OSP6X150-45		
210	189...254		OSP6X210-45		
290	269...334		OSP6X290-45		
Shaft diameter 12mm					
250	230...310	OT315...400	OSP12X250-45		
280	260...340		OSP12X280-45		
325	305...385		OSP12X325-45		
395	445...525		OSP12X395-45		
465	439...519		OSP12X465-45		
535	515...595		OSP12X535-45		
Shaft diameter 12mm					
250	226...355	OT1000...2500	OSP12X250-45		
280	256...385		OSP12X280-45		
325	301...430		OSP12X325-45		
395	371...500		OSP12X395-45		
465	441...570		OSP12X465-45		
535	511...640		OSP12X535-45		
Shaft diameter 12mm					
325	340...535	OETL3150	OSP12X325-45		
395	410...605		OSP12X395-45		
465	480...675		OSP12X465-45		
535	550...745		OSP12X535-45		

Shaft alignment ring

Improves the handle operation if a handle and a shaft have been poorly aligned.

Type	Colour	Order Code	
For pistol type handle OH_45...275J5...12	Black	OHZX10	
For selector type handles OH_1...3		OHZX11	
For round padlockable handle OZG71P		OZG71	

Shaft extension socket

For extending the shaft of combination attachment

Shaft Diameter [mm]	Order Code	Price
6	OESAZX167	
12	OETLZX95	

Adapter for extension socket

The adapter can be placed inside the extension socket OETLZX95

Shaft Diameter [mm]	Order Code	
6	OETLZK19	

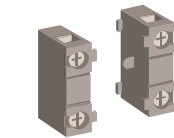


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Switch disconnectors accessories

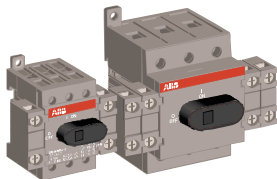
Auxiliary contacts



OA1G01



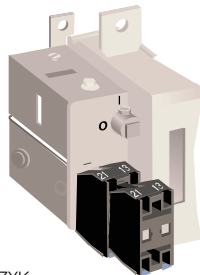
OA1G10



Auxiliary contacts - mounted on both sides of the switch



OBEA_



OZXK_

Auxiliary contact blocks, IP20

Contact numbering according to EN50013

		Product Hierarchy 2200001	
Suitable for switches	Function	Order Code	Price

Aux Contacts for snap-on mounting to the side of the switch OT 16...125F_, ET_

I_{th} = 16A, cable cross section max. 2 x 2.5 mm². Early-break type OA1G10
Mountable on left side, max. 2 pcs

OT 16...125F_, ET_	1NC	OA1G01	
	1NC	OA1G01AU ¹⁾	

Aux Contacts for mounting on the right side, max. 2 pcs OT 16...125F_, ET

OT 16...125F_, ET_	1NO	OA1G10	
	1NO	OA1G10AU ¹⁾	

Aux Contacts for mounting on both sides OT 16...125F

OT 16...32: max. 2NO+2NC, OT45...125: max. 4NO+4NC³⁾

OT 16...125F_	1NO+1NC	OA2G11 ²⁾	
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Aux Contacts for mounting with adapter to the side of the switch OT16_, ET_

I_{th} = 16A, cable cross section max. 2 x 2.5 mm². Mounting with the adapter OAZK1, max. 2 blocks/side.

OT160E_, ET_	1NO+1NC	OA2G11	
--------------	---------	--------	--

Aux Contacts for mounting with adapter on top of the switch OT160E

I_{th} = 10 A. Cable cross section 0.5 mm²...2 x 2.5 mm². Insulation voltage U_i 690 V. Mounting with the adapter OEZNP1, max. 6 aux. blocks. Early break type.

OT160E_	1NO	OBEA10	
		OBEA10AU ¹⁾	
	1NC	OBEA01	
		OBEA01AU ¹⁾	

Aux Contacts for mounting on the left side of the switch OT160EV...2500

Max. 8 auxiliary contact blocks with the OEA28 module

OT160EV...2500	1NO	OA1G10	
		OA1G10AU	
	1NC	OA3G01	
		OA3G01AU ¹⁾	

Aux Contacts for mounting on the mechanism cover OETL3150

I_{th} = 10 A. Cable cross section 0.5 mm²...2 x 2.5 mm². Insulation voltage U_i 690 V. Early break type.

OETL3150	1NO+1NC	OZXK1	
	2NO+2NC	OZXK2	
	4NO+4NC	OZXK3 ⁵⁾	
	2NO	OZXK4	
	4NO	OZXK5	
	8NO	OZXK6 ⁶⁾	

¹⁾ Types _AU are gold plated for extremely difficult circumstances and low voltages.

²⁾ Not mountable on the same side as the fourth pole.

³⁾ Contact numbering:

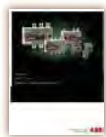
(83) (43) (53) 13 21 (61) (31) (71)
(84) (44) (54) 14 22 (62) (32) (72)

⁴⁾ Auxiliary contacts OA1G_ are available in larger packing as well. A bulk package includes 50 switches. Type number: add a suffix: /B, e.g. OA1G01/B.

⁵⁾ 8 NO + 8 NC auxiliary contacts = 2 x OZXK 3

⁶⁾ 16 NO auxiliary contacts = 2 x OZXK 6

Early break type auxiliary contacts means that in the switches, the NO aux. contacts break before the main contacts open.



Switch disconnectors accessories

Auxiliary contacts

Mounting Accessories for Auxiliary contacts

Adapter for OA2G11 with OT160E

Max. two blocks/side. Mountable on either side of the switch.

OT160E_,ET_

Product Hierarchy 2200001

Order Code Price

OAZX1

Adapter for OBEA_ with OT160E

Mountable on top of switch

OT160E

OEZNP1

Numbering stickers for aux contact blocks OBEA

Required if several blocks are used.

OBEA10 1NO

OBEAZX10

OBEA01 1NC

OBEAZX01

Module for aux contacts for OT160EV...2500

Screw mounting on left side of switch

OT160EV...2500

OEA28

4

For OA1G_, OA2G_, OA3G_							For OBEA_ and OZXX_			
Ue/[V]	AC15 Ie/[A]	Ue/[V]	DC12 Ie/[A] P/[W]		DC13 Ie/[A] P/[W]		AC12 Ue/[V] Ie/[A]		DC12 Ue/[V] Ie/[A]	
230	6	24	10	240	2	50	120	8	125	1.1
400	4	72	4	290	0.8	60	240	6	250	0.55
415	4	125	2	250	0.55	70	400	4	440	0.31
690	2	250	0.55	140	0.27	70	415	4	500	0.27
		440	0.1	44			480	3	600	0.2
							500	3		
							690	2		

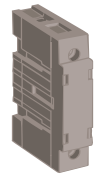


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Switch disconnectors accessories

4th Poles, neutral & earth terminals



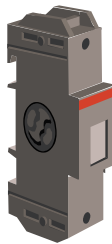
OTP_40



OTP_80



OTP_125_



OTP_160

Fourth poles

Mountable on the side of the switch.

		Product Hierarchy 2200001	
Suitable for switches	Function	Order Code	Price
Simultaneous function with the main contacts			
OT16...40F3		OTPS40FPN1	
OT63...80F3		OTPS40FPN2	
OT100...125F3		OTPS80FP	
OT16...40FT3		OTPS125FP	
OT63...80FT3		OTPS40FDN1	
OT100...125FT3		OTPS40FDN2	
OT160E3, ET3		OTPS80FD	
OT160EV...250		OTPS125FD	
OT315...400		OTZNA1-160E4	
OT630...800		OTPS160EP	
OT1000...1250		OTZ250E	
OT1600		OTZ400E	
OT2000...2500		OTZ800E	
		OTZ1250E	
		OTZ1600E	
	OTZ2500E		
Late-break and early-make			
OT16...40F3		OTPL40FP	
OT63...80F3		OTPL80FP	
OT100...125F3		OTPL125FP	
OT16...40F3		OTPL40FD	
OT63...80F3		OTPL80FD	
OT100...125F3		OTPL125FD	

4

Neutral & earth terminals

Mountable on the side of the switch.

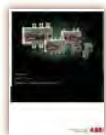


OXN_



OESAZX_

		Product Hierarchy 2200001	
Suitable for switches	Function	Order Code	Price
Fixed neutral			
OT16...40F3		OTPN40FP	
OT63...80F3		OTPN80FP	
OT100...125F3		OTPN125FP	
OT106E3, ET3		OTPN160EP	
OT16...40FT3		OTPN40FD	
OT63...80FT3		OTPN80FD	
OT 100...125ET3		OTPN125FD	
Detachable neutral			
OT16...40F3		OTPD40FP	
OT63...80F3		OTPD80FP	
OT100...125FT3		OTPD125FP	
OT63...80FT3		OTPD80FD	
Protective earth			
OT16...40F3		OTPE40FP	
OT63...80F3		OTPE80FP	
OT100...125F3		OTPE125FP	
OT 160E3, ET3		OTPE160EP	
OT16...40F3		OTPE40FD	
OT63...80F3		OTPE80FD	
OT100...125FT3		OTPE125FD	



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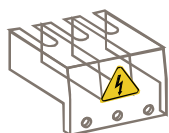
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Switch disconnectors accessories

Neutral links & terminal shrouds

Neutral links

		Product Hierarchy 2200001	
Suitable for switches	I_{th} [A]	Order Code	Price
Detachable, mountable separately to the base plate			
OT 160EV...250 / OTM 160...250	250	OXN250	
OT/OTM 315...400	400	OXN400	
OT/OTM 630...800	800	OXN800T	
OT/OTM 1000...1250	1250	OXN1250T	
Mountable separately to the base plate			
	200	OESAZX162	
	315	OESAZX164	
	400	OESAZX165	
	1000	OESAZX160	



OTS_T3



OTS125T3L



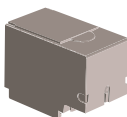
OTS_T1



OTS160T1



OTS_L_



OTS_S_

Terminal shrouds

Snap-on mounting, transparent

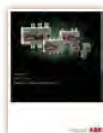
Suitable for switches	Order Code	Price
For 3-pole switches		
OT 16...40F3, -FT3	OTS40T3	
OT63...80F3, -FT3	OTS63T3	
OT 100...125F3, FT3	OTS125T3	
OT125FL	OTS125T3L	
OT160E3	OTS160T3	
OT100...125F3 with terminal clamps OZXL1 or OZXT1	OTS125T3P	
For 4-pole switches		
OT160E4	OTS160T4	

For 1 to 4-pole switches, shroud for single pole and for fourth pole

OTP_40F_	OTS40T1	
OTP_80F_	OTS63T1	
OTP_125F	OTS125T1P	
OT160E_	OTS160T1	
OT100...125E3 with terminal clamps OZXL1/1 or OZXT1	OTS125T1P	

Snap-on mounting, grey plastic

Suitable for switches	Description	Order Code	Price	Order Code	Price
		3-pole switches		4-pole switches	
OT160EV...250/OTM160...250	Long Type	OTS250G1L/3	20.87	OTS250G1L/4	
	Short Type	OTS250G1S/3	18.96	OTS250G1S/4	
OT/OTM315...400	Long Type	OTS400G1L/3	29.15	OTS400G1L/4	
	Short Type	OTS400G1S/3	23.32	OTS400G1S/4	
OT/OTM630...800	Long Type	OTS800G1L/3	52.19	OTS800G1L/4	
	Short Type	OTS800G1S/3	46.84	OTS800G1S/4	
OT/OTM1000...1600	Long Type	OTS1600G1L/3	35.17	OTS1600G1L/4	
	Short Type	OTS1600G1S/3	27.03	OTS1600G1S/4	
OT/OTM2000...2500	Long Type	OTS2500G1L/3	48.94	OTS2500G1L/4	
	Short Type	OTS2500G1S/3	35.95	OTS2500G1S/4	



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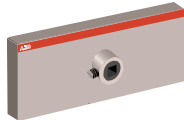
Switch disconnectors accessories

Conversion kits

Conversion kits for front operated switch combinations

6 & 8-pole switch mechanism

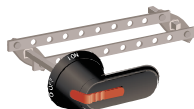
Parallel attachment for connecting two 3- or 4-pole switches. The switches work simultaneously. Mounting directly on the top of two switch-disconnectors, snap-on mounting. The switch size is printed on stickers for different switch sizes. The fourth pole or auxiliary contacts can be mounted on the outer side of the combination.



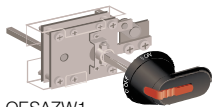
OWP6D80



OTZW8



OESAZW2



OESAZW1



OTZW25
OETLZW11, OETLZW12



OTZW26

OETLZW13

Product Hierarchy 2200001

Suitable for switches	Shaft distance [mm]	Order Code	Price
OT16 - 40		OWP6D40	
OT63...80		OWP6D80	
OT100...125		OWP6D125	

Attachment levers provided with holes, enabling different shaft distances. The combination switches can be mounted either horizontally or vertically. Two 3 or 4-pole switches needed.

OT16...40	45+(0 - 12)x15	OTZW8	
OT45...80	60+(0 - 11)x15		
OT100...125	75+(0 - 10)x15		
OT160E	45+(0 - 11)x15	OESAZW2	
OT160EV...250	45+(0 - 13)x15		
OT315...800	60+(0 - 19)x20	OETLZW9	

Change-over switch mechanism

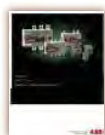
Two switches connected with a mechanism operating into I-O-II positions. Two 3 or 4-pole switches needed.

Suitable for switches	Shaft distance [mm]	Order Code	
OT16...125	90+(0 - 10)x15	OESAZW1	
OT160EV...250	210+(0 - 18)x20	OTZW25	
OT315...400	210+(0 - 11)x20	OETLZW11	
OT630...800	210+(0 - 20)x20	OETLZW12	

By-pass switch mechanism

A combination of two switches in parallel with a third switch for change-over operation to by-pass, for example, a breaker for maintenance. The by-pass attachment can be used together with another combination attachment. Three 3 or 4-pole switches needed.

Suitable for switches	Shaft distance [mm]	Order Code	
OT16 - 125	Between 1 and 2: 90+(0...6)x15	OTZW17	
	Between 1 and 3: 90+(0...10)x15		
OT160EV - 250	Between 1 and 2: 210+(0...9)x20	OTZW26	
	Between 1 and 3: 250+(0...9)x20		
OT315 - 800	Between 1 and 2: 210+(0...18)x20	OETLZW13	
	Between 1 and 3: 250+(0...18)x20		

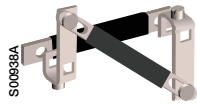


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Switch disconnectors accessories

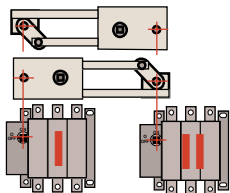
Mechanical interlocks



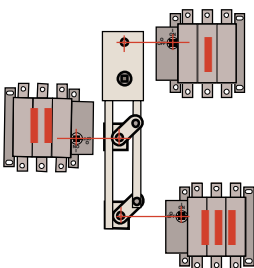
OTZW24, 10



OETLZW 14, 3, 15



Change-over switches



Change-over and by-pass switches



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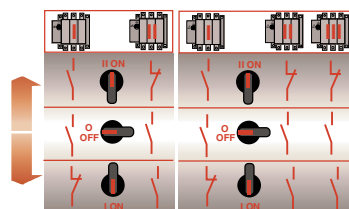
Mechanical interlock mechanism

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

		Product Hierarchy 2200001	
Suitable for switches	Shaft distance [mm]	Order Code	Price
Two 3-pole switches needed			
OT16...125	100	OTZW24	
OT160...250	190	OTZW10	
OT315...400	250	OETLZW14	
OT315...800	300	OETLZW3	
OT 315...2500 and 3150	500	OETLZW15	

The shafts and handles for conversion kits

Conversion kit type	To be ordered separately		Included in 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						
OWP5D1	x (shaft dia 5 mm)	OHB1A_	-	-	-	-
OWP5D2	x (shaft dia 5 mm)	OHB1A_	-	-	-	-
OWP5D3	x (shaft dia 5 mm)	OHB1A_	-	-	-	-
OWP5D4	x (shaft dia 5 mm)	OHB1A_	-	-	-	-
OWP6D1	x (shaft dia 6 mm)	OHB45J6	-	-	-	-
OWP6D2	x (shaft dia 6 mm)	OHB45J6	-	-	-	-
OTZW8	x (shaft dia 5 mm)	OHB65J5	-	-	-	-
OESAZW2	-	-	x (2 pcs)	OHB145J12	-	-
OETLZW9 for OT	-	-	-	-	x	x
OETLZW9 for OETL	-	YASDA7 or 8	-	-	x	-
Change-over switches						
OTZW6	-	-	x (2 pcs)	OHB80J6E011	-	-
OTZW25	-	-	x (2 pcs)	OHB95J12E011	-	-
OETLZW11	-	-	x (2 pcs)	OHB145J12E011	-	-
OETLZW12	-	-	x (2 pcs)	YASDA21 (metallic)	-	-
By-pass switches						
OTZW17	-	-	x (3 pcs)	OHB80J6E011	-	-
OTZW26	-	-	x (3 pcs)	OHB95J12E011	-	-
OETLZW13	-	-	x (3 pcs)	YASDA 6	-	-
Mechanical interlock						
OTZW24	-	-	-	-	x	x
OTZW10	-	-	-	-	x	x
OETLZW14	-	-	-	-	x	x
OETLZW3	-	-	-	-	x	x
OETLZW15	-	-	-	-	x	x



Change-over switches

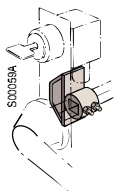
By-pass switches



Mechanical interlock

Switch disconnectors accessories

Locking & mounting accessories



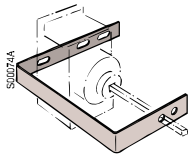
OETLZW 16



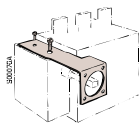
SA 1



OHZX4



OETLZX 58



OHZX 1, 3

Locking accessories

Cam attachment for Castell, Lowe & Fletcher and Ronis interlock

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

Suitable for switches	Product Hierarchy 2200001	
	Order Code	Price
OT16...250	OETLZW16	
OT315...2500, OETL3150	OETLZW5	
Padlocking adapter For a padlock with a max. 3.5mm bail		
OT45...125E, OT160	SA1	

Door interlock bracket

When this bracket is provided, the door interlock in handles can't be defeated.

For pistol type handles	Order Code	Price
OH_45...275	OHZX4	

Mounting accessories

Shaft support for long shafts

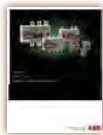
Suitable for switches	Order Code	Price
OT16...125	OETLZX58	

Handle support bracket for direct mounting on the switch mechanism

OETL3150	OETLZX71	
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90° angle kit, a front operated switch can be converted to side operated switch

OETL3150	OETLZX108	
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Full range of product and technical information place this part number in a search engine and download

1SCC301001C0201

OT change-over and transfer switches 16 2500 A 690V

Manual operation



OT16F	OT63F	OT100F
OT25F	OT80F	OT125F
OT40F		

I_n /A	25	32	40	63	80	115	125
I_n /AC-22A, $\leq 415V$	16	25	40	63	80	100	125
I_n /AC-23A, $\leq 415V$	16	20	23	45	75	80	90

4

I_n /A							
I_n /AC-22A, $\leq 415V$							
I_n /AC-23A, $\leq 415V$							
I_n /AC-21B, $\leq 415V$							

Motor operation



OTM160E_C	OTM160E_WC	OTM315E_C
OTM200E_C	OTM200E_WC	OTM400E_C
OTM250E_C	OTM250E_WC	

I_n /A	160	200	250	160	200	250	315	400
I_n /AC-22A, $\leq 415V$	160	200	250	160	200	250	315	400
I_n /AC-23A, $\leq 415V$	160	200	250	160	200	250	315	400
I_n /AC-21B, $\leq 415V$								

Automatic operation



OTM160E_C_D	OTM160E_WC_D
OTM200E_C_D	OTM200E_WC_D
OTM250E_C_D	OTM250E_WC_D

I_n /A	160	200	250	160	200	250
I_n /AC-22A, $\leq 415V$	160	200	250	160	200	250
I_n /AC-23A, $\leq 415V$	160	200	250	160	200	250

Accessories

Optional handles

Terminal shrouds

Extended shafts

Connecting accessories

Auxiliary contacts

Locking accessories



OT160E

OT160E_W

OT315E

OT630E

OT200E

OT200E_W

OT400E

OT800E

OT250E

OT250E_W

160 200 250

160 200 250

315 400

630 800

160 200 250

160 200 250

315 400

630 800

160 200 250

160 200 250

315 400

630 800



OT1000E

OT1600E

OT2000E

OT1250E

OT2500E

1000 1250

1600

2000 2500

1000 1250

1600

1000 1250

1250

2000 2500



OTM630E_C

OTM1000E_C

OTM1600E_C

OTM2000E_C

OTM800E_C

OTM1250E_C

OTM2500E_C

630 800

1000 1250

1600

2000 2500

630 800

1000 1250

1600

630 800

1000 1250

1250

2000 2500



OTM315E_C_D

OTM630E_C_D

OTM1000E_C_D

OTM1600E_C_D

OTM400E_C_D

OTM800E_C_D

OTM1250E_C_D

315 400

630 800

1000 1250

1600

315 400

630 800

1000 1250

1600

315 400

630 800

1000 1250

1250

Growing importance of a secure power supply

As industrial processes and IT applications diversify, a secure power supply is becoming an increasingly important asset in the drive to cut production and maintenance costs. In emergency situations, the system logic of power distribution can become complex with mechanical devices looking after making, breaking, conducting and isolating power. Loads may sometimes need to be transferred from one supply to another — this will be the case when energy use is restricted or when the supply source is overloaded.

High performance level

In change-over applications where the loaded switch may need to be operated remotely, adequate durability has been ensured by testing against the IEC 60947-6-1 standard in the specification of endurance requirements.

Utilization categories:

- AC-31 for non-inductive or slightly inductive load
- AC-33 for motor loads or mixed loads including motors

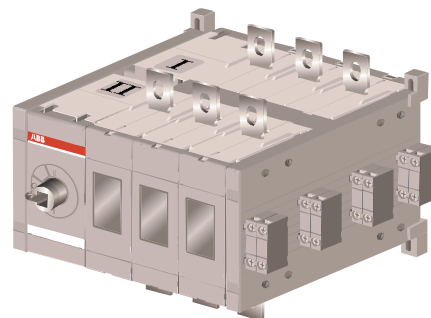
The motorized change-over switches have snap-on control wire connections. Auxiliary contacts can be snapped-on to the sides of the switches and the power terminals can be connected in parallel with bridging bars.

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ABB change-over switches are rated according to IEC 60947-6-1 standard

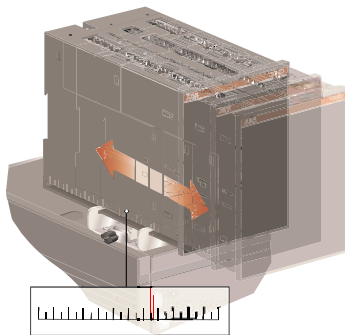
Easy installation for local or remote control

ABB change-over switches are very easy to install: the manually operated switch is operated via a handle fixed directly on the switch or on the panel door. The 16 to 125 Ampere sizes can be snapped-on to a DIN rail and the front fits in the 45 mm consumer unit cut-out.



The automatic transfer switches feature the automatic control unit which can be adjusted according to the mounting depth of the panel. Voltage sensing kit is installed at the factory thus reducing the expensive and time consuming installation work.

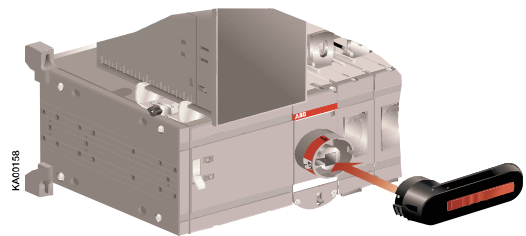
- ▶ Quick and easy installation
– savings in time and expenses



Safe and reliable

ABB automatic transfer switches ensure service continuity with a number of built-in, integrated safety features. The change-over mechanism, for example, offers three stable positions which ensure isolation of the two asynchronous power supplies. This eliminates any risk of short-circuit between them, even in the presence of transient voltages. The automatic transfer switches are equipped with handle for manual operation in case of emergency.

- ▶ Inbuilt safety



Compact design

The design of ABB change-over switches is advanced and compact, allowing installation in confined spaces at considerable savings. Compact double layer construction.

- ▶ Minimizing the need for space

Change-over switches

Manual OT16...315

Change-over switches, 3 & 4 pole, I-O-II -indication

Includes terminal clamps IP20. Handle and shaft has to be ordered separately.



OT 45...63 E3C



OT 125 E3C

4



OT160...250E03CP



OT315...400E03CP



OT630...800E03CP



OT160...250E03WCP



Full range of product
and technical information
place this part number
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Rated current / Rate Power			Number of Poles	Product Hierarchy 2200003	
AC-21A...AC-22A		AC-23A		Order Code	Price
Up to 415V I[A]	400V S/[kVA]	400-415V I[A], P/[kW]			
16	11	16/7.5	3	OT16F3C	
			4	OT16F4C	
25	17	20/9	3	OT25F3C	
			4	OT25F4C	
40	27	23/11	3	OT40F3C	
			4	OT40F4C	
63	43	45/22	3	OT63F3C	
			4	OT63F4C	
80	55	75/37	3	OT80F3C	
			4	OT80F4C	
100	70	80/37	3	OT100F3C	
			4	OT100F4C	
125	86	90/45	3	OT125F3C	
			4	OT125F4C	

Manual Change-over switches, 3 & 4 pole, I-O-II -indication

Including a black plastic IP65 I-O-II pistol type handle, padlockable in the O-position, door interlock in the I- & II-positions and when padlocked.

				Order Code	Price
160	110	160/90	3	OT160E03CP	
				OT160E12CP	
				OT160E03WCP	
			4	OT160E04CP	
				OT160E13CP	
				OT160E04WCP	
200	135	200/110	3	OT200E03CP	
				OT200E12CP	
				OT200E03WCP	
			4	OT200E04CP	
				OT200E13CP	
				OT200E04WCP	
250	170	250/140	3	OT250E03CP	
				OT250E12CP	
				OT250E03WCP	
			4	OT250E04CP	
				OT250E13CP	
				OT250E04WCP	
315	215	315/160	3	OT315E03CP	
				OT315E12CP	
			4	OT315E04CP	
				OT315E13CP	

Change-over switches

Manual OT400...2500

Manual Change-over switches, 3 & 4 pole, I-O-II -indication

Including a black plastic IP65 I-O-II pistol type handle, padlockable in the O-position, door interlock in the I- & II-positions and when padlocked.



				Product Hierarchy 2200003	
				Order Code	Price
400	275	400/220	3	OT400E03CP	
				OT400E12CP	
			4	OT400E04CP	
				OT400E13CP	
630	435	630/355	3	OT630E03CP	
				OT630E12CP	
			4	OT630E04CP	
				OT630E13CP	
800	550	800/450	3	OT800E03CP	
				OT800E12CP	
			4	OT800E13CP	
				OT800E04CP	
1000	680	1000/560	3	OT1000E03CP	
				OT1000E12CP	
			4	OT1000E04CP	
				OT1000E13CP	
			3	OT1000E22CP	
				OT1250E03CP	
			4	OT1250E12CP	
				OT1250E04CP	
1250	850	1250/710	3	OT1250E22CP	
				OT1250E13CP	
			4	OT1600E03CP	
				OT1600E12CP	
1600	1000	1250/710	3	OT1600E04CP	
				OT1600E13CP	
			4	OT1600E22CP	
				OT2000E03CP	
2000	1350	-	3	OT2000E12CP	
				OT2000E04CP	
			4	OT2000E13CP	
				OT2000E22CP	
2500	1700	-	3	OT2500E03CP	
				OT2500E12CP	
			4	OT2500E04CP	
				OT2500E13CP	
				OT2500E22CP	



Change-over switches

Manual fast transition OT160...800

Manual Change-over switches, 3 & 4 pole, I-O-II -indication

Including a black plastic IP65 I-O-II pistol type handle, shaft and bolt set for the cable connection. Handle not padlockable and no door interlocking. Operating angle 90° to achieve fast switching. Minium OFF-time between transfer from I-II or II-I is 20ms.



OT250E03CFP



OT315E13CFP



OT630-800E03CFP



OT630-800E04CFP

4

				Product Hierarchy 2200003	
				Order Code	Price
160	110	160/90	3	OT160E03CFP	
				OT160E12CFP	
				OT160E03WCFP	
			4	OT160E04CFP	
				OT160E13CFP	
				OT160E04WCFP	
200	135	200/110	3	OT200E03CFP	
				OT200E12CFP	
				OT200E03WCFP	
			4	OT200E04CFP	
				OT200E13CFP	
				OT200E04WCFP	
250	170	250/140	3	OT250E03CFP	
				OT250E12CFP	
				OT250E03WCFP	
			4	OT250E04CFP	
				OT250E13CFP	
				OT250E04WCFP	
315	215	315/160	3	OT315E03CFP	
				OT315E12CFP	
				OT315E04CFP	
			4	OT315E13CFP	
				OT400E03CFP	
				OT400E12CFP	
400	275	400/220	3	OT400E04CFP	
				OT400E13CFP	
			4	OT630E03CFP	
				OT630E12CFP	
				OT630E04CFP	
				OT630E13CFP	
630	435	630/355	3	OT800E03CFP	
				OT800E12CFP	
			4	OT800E04CFP	
				OT800E13CFP	
				OT800E03CFP	
				OT800E12CFP	
800	550	800/450	3	OT800E04CFP	
				OT800E13CFP	
			4	OT800E03CFP	
				OT800E12CFP	
				OT800E04CFP	
				OT800E13CFP	

Shafts, handle and bolt kits included as standard

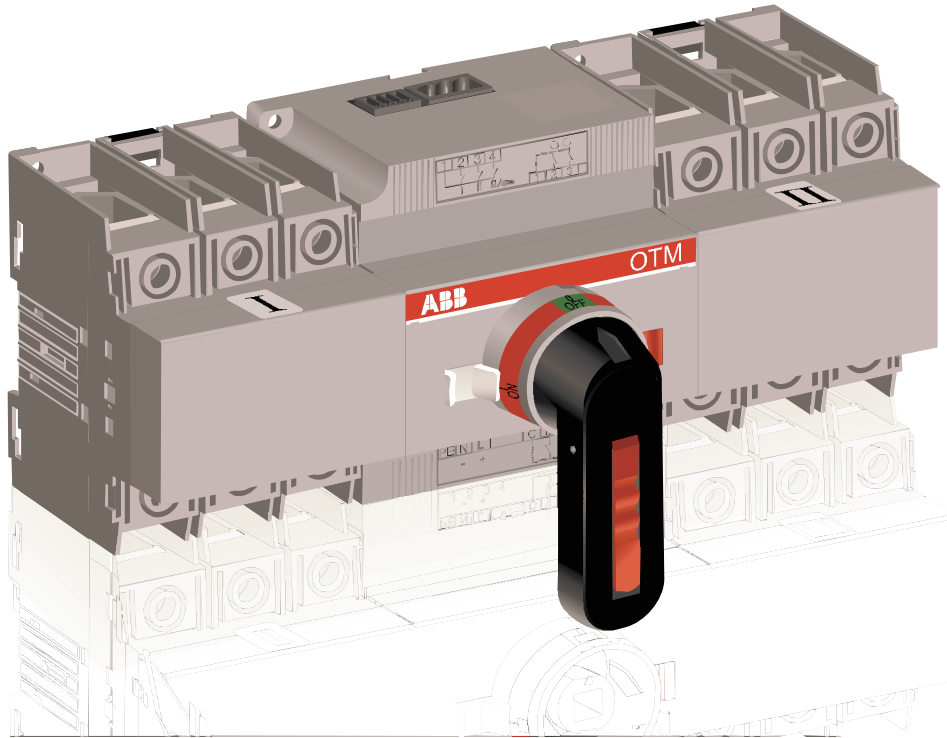
Suitable for switches	Shaft	Handle	Bolt kit
OT160...250_C	EXP6x161	OHB65J6E011	M8x25
OT315...400_C	EXP12x166	OHB95J12E011	M10x30
OT630...800_C	EXP12x185	OHB125J12E011	M12x40
OT1000...2500_C		OHB200J12PE011	M12x60
OT160...250_CF	EXP6x161	OHB65J6E69	M8x25
OT315...400_CF	EXP12x166	OHB95J12E69	M10x30
OT630...800_CF	EXP12x185	OHB145J12E69	M12x40



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OTM40...125_C

Improves your performance



4

Assembly made easy

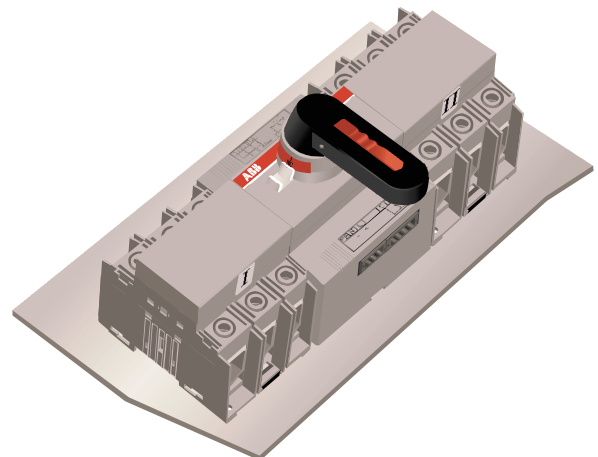
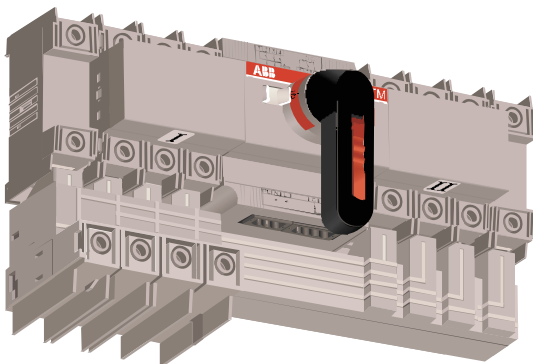
- Bridging bars for quick wiring
- Tunnel terminals ensure a tight and good connection every time
- Snap on accessories are easy to install
- Mounting in any direction

- ▶ Fast and reliable installation every time

Most compact solution

- The very small footprint area of OTM allows it to be installed in confined spaces

- ▶ Reduced size means savings in costs



Effortless assembly, safety features, optimized performance and small size enable OTM40...125_C motorized change-over switches to improve the performance of your application!

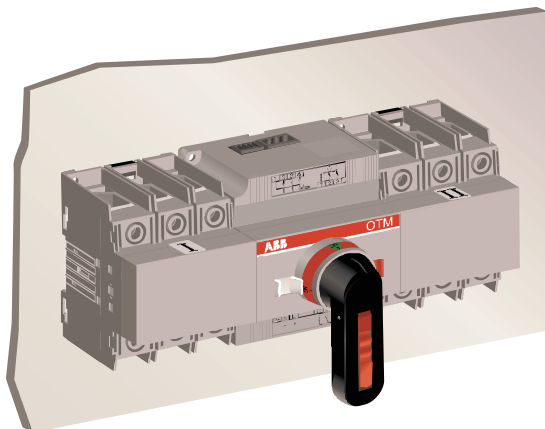
ABB offers a wide range of components for change-over applications. Meaning that all components can be sourced from one supplier.

4

Performance that meets your needs

- Tested according to IEC 60947-3 and IEC 60947-6-1
- Full ratings according to utilization categories AC22A/32B which are the typical categories in GenSet applications
- A wide supply voltage range provides enhanced logistics and effortless design work
- 3- and 4-pole switches as standard

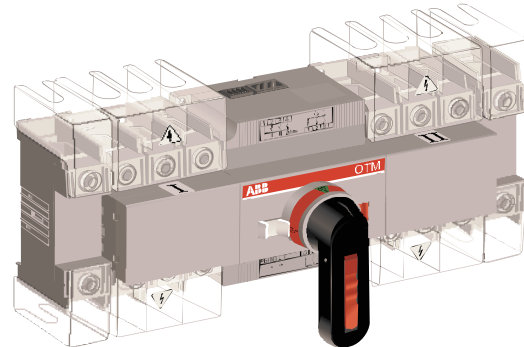
- ▶ Designed for your application



Safe to use

- OTM is not only a transfer device, it is also an isolator providing safe maintenance work
- Reliable position indication is always guaranteed
- Finger-safe construction prevents contact with live parts
- Mechanical and electrical locking options - safety is always considered

- ▶ Safe and reliable operation and maintenance



Change-over switches

Motorised OTM40...125_C



Change-over switches, motor operation, I-O-II operation, open transtion
OTM40...125_C

Including handle for maual operation, a handle storage clip and male connectors for control circuits. Cable cross section for OTM40 is 2.5...25mm² or 2 x 2.5...16mm² and for OTM63...125 is 10...70mm²

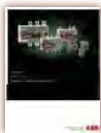
OTM40...125F3C_



OTM40...125F4C_



Motor voltage Ue 110-240 V AC/DC					Product Hierarchy 2200003	
No of Poles	Rated Current AC21A .. AC22A 415V [A]	Rated Power 400V [kVA]	Rated Current AC31B / AC33B 415V [A]	Part Number	Order Code	Price
3	40	27	40/40	OTM40F3CMA230V	OTM40F3CMA230V	
4				OTM40F4CMA230V	OTM40F4CMA230V	
3	63	43	63/63	OTM63F3CMA230V	OTM63F3CMA230V	
4				OTM63F4CMA230V	OTM63F4CMA230V	
3	80	55	80/80	OTM80F3CMA230V	OTM80F3CMA230V	
4				OTM80F4CMA230V	OTM80F4CMA230V	
3	100	70	100/80	OTM100F3CMA230V	OTM100F3CMA230V	
4				OTM100F4CMA230V	OTM100F4CMA230V	
3	125	86	125/80	OTM125F3CMA230V	OTM125F3CMA230V	
4				OTM125F4CMA230V	OTM125F4CMA230V	



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and technical information
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Change-over switches

Motorised OTM160...200

Motorised Change-over switches, 3 & 4 pole, I-O-II -indication

Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Types OTM160-2500E_ include a clamp for the handle and spare fuses. Types OTM160-250E_W are equipped with extended phase distance.



OTM160...250E3_



OTM160...250E4_



OTM160...250E3W_

4

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Product Hierarchy 2200003	
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]			Order Code	Price
160	110	160/160	3	220-240v AC	OTM160E3CM230C	
				110-125v AC/DC	OTM160E3CM110C	
				48v DC	OTM160E3CM48D	
				24v DC	OTM160E3CM24D	
				220-240v AC	OTM160E3WCM230C	
				110-125v AC/DC	OTM160E3WCM110C	
				48v DC	OTM160E3WCM48D	
				24v DC	OTM160E3WCM24D	
			4	220-240v AC	OTM160E4CM230C	
				110-125v AC/DC	OTM160E4CM110C	
				48v DC	OTM160E4CM48D	
				24v DC	OTM160E4CM24D	
				220-240v AC	OTM160E4WCM230C	
				110-125v AC/DC	OTM160E4WCM110C	
				48v DC	OTM160E4WCM48D	
				24v DC	OTM160E4WCM24D	
200	135	200/200	3	220-240v AC	OTM200E3CM230C	
				110-125v AC/DC	OTM200E3CM110C	
				48v DC	OTM200E3CM48D	
				24v DC	OTM200E3CM24D	
				220-240v AC	OTM200E3WCM230C	
				110-125v AC/DC	OTM200E3WCM110C	
				48v DC	OTM200E3WCM48D	
				24v DC	OTM200E3WCM24D	
			4	220-240v AC	OTM200E4CM230C	
				110-125v AC/DC	OTM200E4CM110C	
				48v DC	OTM200E4CM48D	
				24v DC	OTM200E4CM24D	
				220-240v AC	OTM200E4WCM230C	
				110-125v AC/DC	OTM200E4WCM110C	
				48v DC	OTM200E4WCM48D	
				24v DC	OTM200E4WCM24D	



Full range of product and technical information place this part number in a search engine and download

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Change-over switches

Motorised OTM250...630

Motorised Change-over switches, 3 & 4 pole, I-O-II -indication

Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Types OTM160-2500E_ include a clamp for the handle and spare fuses. Types OTM160-250E_W are equipped with extended phase distance.



OTM250E4CM230C



OTM315...400E3_



OTM315...400E4_



Full range of product and technical information place this part number in a search engine and download
1SCC303003C0201

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Product Hierarchy 2200003	
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]			Order Code	Price
250	170	250/250	3	220-240v AC	OTM250E3CM230C	
				110-125v AC/DC	OTM250E3CM110C	
				48v DC	OTM250E3CM48D	
				24v DC	OTM250E3CM24D	
				220-240v AC	OTM250E3WCM230C	
				110-125v AC/DC	OTM250E3WCM110C	
			4	48v DC	OTM250E3WCM48D	
				24v DC	OTM250E3WCM24D	
				220-240v AC	OTM250E4CM230C	
				110-125v AC/DC	OTM250E4CM110C	
				48v DC	OTM250E4WCM48D	
				24v DC	OTM250E4WCM24D	
315	215	315/315	3	220-240v AC	OTM315E3CM230C	
				110-125v AC/DC	OTM315E3CM110C	
				48v DC	OTM315E3CM48D	
				24v DC	OTM315E3CM24D	
			4	220-240v AC	OTM315E4CM230C	
				110-125v AC/DC	OTM315E4CM110C	
				48v DC	OTM315E4CM48D	
				24v DC	OTM315E4CM24D	
400	275	400/400	3	220-240v AC	OTM400E3CM230C	
				110-125v AC/DC	OTM400E3CM110C	
				48v DC	OTM400E3CM48D	
				24v DC	OTM400E3CM24D	
			4	220-240v AC	OTM400E4CM230C	
				110-125v AC/DC	OTM400E4CM110C	
				48v DC	OTM400E4CM48D	
				24v DC	OTM400E4CM24D	
400	275	400/400	3	220-240v AC	OTM630E3CM230C	
				110-125v AC/DC	OTM630E3CM110C	
				48v DC	OTM630E3CM48D	
				24v DC	OTM630E3CM24D	
			4	220-240v AC	OTM630E4CM230C	
				110-125v AC/DC	OTM630E4CM110C	
				48v DC	OTM630E4CM48D	
				24v DC	OTM630E4CM24D	

Change-over switches

Motorised OTM800...1600

Motorised Change-over switches, 3 & 4 pole, I-O-II -indication

Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Types OTM160-2500E_ include a clamp for the handle and spare fuses. Types OTM160-250E_W are equipped with extended phase distance.



OTM1250E3CM230C



OTM1600E3CM230C

4

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Product Hierarchy 2200003	
					Order Code	Price
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]	3	220-240v AC	OTM800E3CM230C	
				110-125v AC/DC	OTM800E3CM110C	
				48v DC	OTM800E3CM48D	
				24v DC	OTM800E3CM24D	
			4	220-240v AC	OTM800E4CM230C	
				110-125v AC/DC	OTM800E4CM110C	
				48v DC	OTM800E4CM48D	
				24v DC	OTM800E4CM24D	
800	550	720/650	3	220-240v AC	OTM1000E3CM230C	
				110-125v AC/DC	OTM1000E3CM110C	
				48v DC	OTM1000E3CM48D	
				24v DC	OTM1000E3CM24D	
			4	220-240v AC	OTM1000E4CM230C	
				110-125v AC/DC	OTM1000E4CM110C	
				48v DC	OTM1000E4CM48D	
				24v DC	OTM1000E4CM24D	
1000	680	1000/1000	3	220-240v AC	OTM1250E3CM230C	
				110-125v AC/DC	OTM1250E3CM110C	
				48v DC	OTM1250E3CM48D	
				24v DC	OTM1250E3CM24D	
			4	220-240v AC	OTM1250E4CM230C	
				110-125v AC/DC	OTM1250E4CM110C	
				48v DC	OTM1250E4CM48D	
				24v DC	OTM1250E4CM24D	
1250	850	1250/1000	3	220-240v AC	OTM1600E3CM230C	
				110-125v AC/DC	OTM1600E3CM110C	
				48v DC	OTM1600E3CM48D	
				24v DC	OTM1600E3CM24D	
			4	220-240v AC	OTM1600E4CM230C	
				110-125v AC/DC	OTM1600E4CM110C	
				48v DC	OTM1600E4CM48D	
				24v DC	OTM1600E4CM24D	
1600	100	-	3	220-240v AC	OTM1600E3CM230C	
				110-125v AC/DC	OTM1600E3CM110C	
				48v DC	OTM1600E3CM48D	
				24v DC	OTM1600E3CM24D	
			4	220-240v AC	OTM1600E4CM230C	
				110-125v AC/DC	OTM1600E4CM110C	
				48v DC	OTM1600E4CM48D	
				24v DC	OTM1600E4CM24D	



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Change-over switches

Motorised OTM2000...2500

Motorised Change-over switches, 3 & 4 pole, I-O-II -indication

Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Types OTM160-2500E_ include a clamp for the handle and spare fuses. Types OTM160-250E_W are equipped with extended phase distance.



OTM2500E3CM230C

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage U _e	Product Hierarchy 2200003	
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]			Order Code	Price
2000	1350	-	3	220-240v AC	OTM2000E3CM230C	
				110-125v AC/DC	OTM2000E3CM110C	
				48v DC	OTM2000E3CM48D	
				24v DC	OTM2000E3CM24D	
			4	220-240v AC	OTM2000E4CM230C	
				110-125v AC/DC	OTM2000E4CM110C	
				48v DC	OTM2000E4CM48D	
				24v DC	OTM2000E4CM24D	
2500	1700	-	3	220-240v AC	OTM2500E3CM230C	
				110-125v AC/DC	OTM2500E3CM110C	
				48v DC	OTM2500E3CM48D	
				24v DC	OTM2500E3CM24D	
			4	220-240v AC	OTM2500E4CM230C	
				110-125v AC/DC	OTM2500E4CM110C	
				48v DC	OTM2500E4CM48D	
				24v DC	OTM2500E4CM24D	

4

Shafts, handle and bolt kits included as standard

Suitable for switches	Handle	Bolt kit
OTM160...250	OTV250ECMK	M8x25
OTM315...400	OTV400ECMK	M10x30
OTM630...800	OTV800ECMK	M12x40
OTM1000...2500	OTV1000ECMK	M12x60



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Change-over switches

Automatic transfer switches OTM160...1600

Automatic transfer switches, I-O-II operation, open transition OTM_C3D_ types, voltage sensing on the top

Including a handle for manual operation, PCB connectors, bolt kit with nut and washers for all terminals.
Types OTM160...1600_C_D_ including a voltage sensing kit on the bottom of the switch, available on request, please add the letter "B" to the type code. Types OTM160-1600E include a clamp for the handle and spare fuses.
Types OTM160...250_WC_D_ are equipped with extended phase distance.

Automatic operation, OTM_C3D_ types, voltage sensing on the top. Including dual power source for the motor operator.
Motor operator voltage $U_e = 220-240\text{v AC}$



OTM400E4C3D230C



OTM800E4C3D230C



OTM1600E4WC3D230C



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and technical information
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Rated Current	Rated Power	Rated Current	Number of Poles	Product Hierarchy 2200003	
AC-21A... AC-22A Up to 415V I/[A]	400V S/[kVA]	AC-31B AC-33B 415V I/[A]		Order Code	Price
160	110	160/160	4	OTM160E4C3D230C	
				OTM160E4WC3D230C	
200	135	200/200		OTM200E4C3D230C	
				OTM200E4WC3D230C	
250	170	250/250		OTM250E4C3D230C	
				OTM250E4WC3D230C	
315	215	315/315		OTM315E4C3D230C	
400	275	400/400		OTM400E4C3D230C	
630	435	650/650		OTM630E4C3D230C	
800	550	720/650		OTM800E4C3D230C	
1000	680	1000/1000		OTM1000E4WC3D230C	
1250	850	1250/1000		OTM1250E4WC3D230C	
1600	1000	1600/1000		OTM1600E4WC3D230C	

Automatic operation, OTM_C3D_ types, voltage sensing on the top. Motor operator voltage $U_e = 220-240\text{v AC}$

Rated Current AC-21A... AC-22A Up to 415V I[A]	Rated Power 400V S/[kVA]	Rated Current AC-31B AC-33B 415V I[A]	Number of Poles	Product Hierarchy 2200003	
				Order Code	Price
160	110	160/160	3	OTM160E3C8D230C	
			4	OTM160E4C8D230C	
200	135	200/200	3	OTM200E3C8D230C	
			4	OTM200E4C8D230C	
250	170	250/250	3	OTM250E3C8D230C	
			4	OTM250E4C8D230C	
315	215	315/315	3	OTM315E3C8D230C	
			4	OTM315E4C8D230C	
400	275	400/400	3	OTM400E3C8D230C	
			4	OTM400E4C8D230C	
630	435	650/650	3	OTM630E3C8D230C	
			4	OTM630E4C8D230C	
800	550	720/650	3	OTM800E3C8D230C	
			4	OTM800E4C8D230C	
1000	680	1000/1000	3	OTM1000E3C8D230C	
			4	OTM1000E4C8D230C	
1200	850	1250/1000	3	OTM1200E3C8D230C	
			4	OTM1200E4C8D230C	
1600	1000	1600/1000	3	OTM1600E3C8D230C	
			4	OTM1600E4C8D230C	

Change-over switches

Manual change-over switches OTM160...315

Manual change-over switches, I - I+II - II -operation, closed transition

Including dual power source for the motor operator.
 Motor operator voltage Ue = 220-240v AC

Including a handle for manual operation, PCB connectors, bolt kit with nut and washers for all terminals.
 Types OTM160...1600_C_D. including a voltage sensing kit on the bottom of the switch, available on request, please add the letter "B" to the type code. Types OTM160-1600E include a clamp for the handle and spare fuses.
 Types OTM160...250_WC_D_ are equipped with extended phase distance.



OTM160E03CLP



OTM250E03CLP



OTM315E03CLP

Rated Current	Rated Power	Rated Current		Product Hierarchy 2200003	
				Order Code	Price
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]	Number of Poles		
			3	OTM160E03CLP	
				OTM160E12CLP	
				OTM160E03WCLP	
160	110	160/160	4	OTM160E04CLP	
				OTM160E13CLP	
				OTM160E04WCLP	
			3	OTM200E03CLP	
				OTM200E12CLP	
				OTM200E03WCLP	
200	135	200/200	4	OTM200E04CLP	
				OTM200E13CLP	
				OTM200E04WCLP	
			3	OTM250E03CLP	
				OTM250E12CLP	
				OTM250E03WCLP	
250	170	250/250	4	OTM250E04CLP	
				OTM250E13CLP	
				OTM250E04WCLP	
			3	OTM315E03CLP	
				OTM315E12CLP	
				OTM315E04CLP	
315	215	315/315	4	OTM315E13CLP	



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Change-over switches

Manual change-over switches OT400...1600

Manual change-over switches, I - I+II - II -operation, closed transition

Including dual power source for the motor operator.
Motor operator voltage $U_e = 220-240\text{V AC}$

Including a handle for manual operation, PCB connectors, bolt kit with nut and washers for all terminals.
Types OTM160...1600_C_D_ including a voltage sensing kit on the bottom of the switch, available on request, please add the letter "B" to the type code. Types OTM160-1600E include a clamp for the handle and spare fuses.
Types OTM160...250_WC_D_ are equipped with extended phase distance.

4



OTM630E13CLP



OTM1250E03CLP

Rated Current	Rated Power	Rated Current	Number of Poles	Product Hierarchy 2200003	
				Order Code	Price
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]	3	OTM400E03CLP	
				OTM400E12CLP	
			4	OTM400E04CLP	
				OTM400E13CLP	
400	275	400/400	3	OTM630E03CLP	
				OTM630E12CLP	
			4	OTM630E04CLP	
				OTM630E13CLP	
630	435	650/650	3	OTM800E03CLP	
				OTM800E12CLP	
			4	OTM800E04CLP	
				OTM800E13CLP	
800	550	720/650	3	OTM1000E03CLP	
				OTM1000E12CLP	
			4	OTM1000E04CLP	
				OTM1000E13CLP	
1000	680	1000/1000	3	OTM1250E03CLP	
				OTM1250E12CLP	
			4	OTM1250E04CLP	
				OTM1250E13CLP	
1250	850	1250/1000	3	OTM1600E03CLP	
				OTM1600E12CLP	
			4	OTM1600E04CLP	
				OTM1600E13CLP	
1600	1000	1600/1000	3		
			4		

Shafts, handle and bolt kits included as standard

Suitable for switches	Handle	Bolt kit
OTM160...250	OTV250ECMK	M8x25
OTM315...400	OTV400ECMK	M10x30
OTM630...800	OTV800ECMK	M12x40
OTM1000...2500	OTV1000ECMK	M12x60



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Change-over switches

Operating handles

Handles

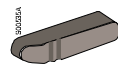
Handle knobs, mounting directly to the switch, no shaft needed



OHRS 2



OHRS 3



OHBS 9



OHBS2_

				Product Hierarchy 2200003		
Colour	Non Padlockable	Padlockable in O-position	Suitable for switch	Order Code	Price	
Black	-	X	OT16...80F_C	OHBS2		
Red				OHRS2		
Black				OHBS3		
Red				OHRS3		
Black	-	X		OHBS1		
Red				OHRS1		
Black	X	-	OT100...125F_C	OHBS9		
Red				OHRS9		
Black	-	X		OHBS11		
				OHBS11		
Black		X	OTM40...125F_C	OHB65D6CM		

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External handles

Selector handle IP65, Nema type 1, 3R, 12 indication I-O-II. Padlockable in O-position with maximum of three padlocks with bail diameter 5...8mm (two lower holes) and 5...6.3mm (the upper hole). Door interlocked in I- and II-position and when padlocked in the O-position.

Colour	Shaft diameter	Suitable for switch	Product Hierarchy 2200003	
			Order Code	Price
Black	6	OT16...125F	OHBS2AJE011	
Yellow/Red			OHYS2AJE011	

Pistol type handle IP65, Nema type 1, 3R, 12 indication I-O-II. Padlockable with maximum of three padlocks with bail diameter 5...10mm. Door interlocked in I- and II-position and when padlocked.

Padlockable in all positions

Black	6	OT16...125F_C	OHB45J6E311	
Yellow/Red			OHY45J6E311	
Black	6	OT160...250E_C	OHB65J6E311	
		OT315...400E_C	OHB95J12E311	
	12	OT630...800E_C	OHB125J12E311	
		OT1000...2500E_C	OHB200J12E311	

Padlockable in O-position

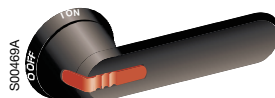
Black	6	OT16...125F_C	OHB45J6E011	
Yellow/Red			OHY45J6E011	
Black	6	OT160...250E_C	OHB65J6E011	
Yellow/Red			OHY65J6E011	
Black	12	OT315...400E_C	OHB95J12E011	
Yellow/Red			OHY95J12E011	
Black	12	OT630...800E_C	OHB125J12E011	
Yellow/Red			OHY125J12E011	
Black	12	OT1000...2500E_C	OHB200J12E011	
Yellow/Red			OHY200J12E011	

Metallic handles IP65, Nema type 1, 3R, 4, 4X, 12 indication I-O-II. Padlockable with maximum of three padlocks in OFF-position, door interlocked in I- and II-position.

Colour	Shaft diameter	Handle length (mm)	Order Code	
Metal	12	220	YASDA21	
		320	YASDA6	



OHY_



OHB_



OHB_

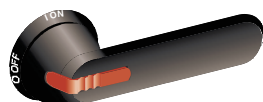


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Change-over switches

Operating handles



OHB_

Pistol handles

Plastic IP65, operating angle 90°, handle not padlockable or door interlocked.

Product Hierarchy 2200003			
Colour	Suitable for switch	Order Code	Price
Indication I - O - II			
Black	OT160...250_CF	OHB65J6E69	
	OT315...400_CF	OHB65J12E69	
	OT630...800_CF	OHB145J12E69	
Indication I - I+II - II			
Black	OT160...250_CL	OHB65J6E65	
	OT315...400_CL	OHB65J12E65	
	OT630...800_CL	OHB145J12E65	
	OT1000...2500_CL	OHB200J12E65	

Handles, direct mounting

Plastic handle with 3 padlocks in O-position. Includes a shaft and a mechanism cover. Types -ECMK include also microswitches. Shaft included.

Colour	Suitable for switch	Order Code	Price
Indication I - O - II			
Black		OTV250ECK	
		OTV400ECK	
		OTV800ECK	
		OTV1000ECK	
Black		OTV250ECMK	
		OTV400ECMK	
		OTV800ECMK	
		OTV1000ECMK	

Plastic handle operating angle 90°, handle not padlockable. Includes a shaft and a mechanism cover.

Indication I - O - II

Black	OT160...250_CF	OTV250ECFK	
	OT315...400_CF	OTV400ECFK	
	OT630...800_CF	OTV800ECFK	

Plastic handle operating angle 90°, handle not padlockable. Includes a shaft and a mechanism cover.

Indication I - I+II - II

Black	OT160...250_CL	OTV250ECLK	
	OT315...400_CL	OTV400ECLK	
	OT630...800_CL	OTV800ECLK	
	OT1000...2500CL	OTV1000ECLK	

Accessories

Description	Suitable for switch	Part No	Order Code	
Handle storage clip	OTM40...125F	OTVS0	1SCA117524R1001	
Handle and spare fuse storage clip	OTM160...250E_	-	OTVS1	
	OTM315...2500E_	-	OTVS2	

Connection kits

Suitable for switch	Cable cross section [mm²]	Part No	Order Code	
OTM40...125F3C_	10 ... 70	OMZC03	OMZC03	
OTM40...125F4C_		OMZC04	OMZC04	

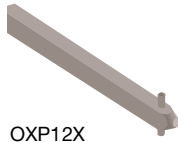


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Change-over switches

Extended shafts



Shafts for selector type handles 6mm

Shaft length	H [mm]	Suitable for switches	Product Hierarchy 2200003	
			Order Code	Price
85	103...114	OT16...40	OXS6x85	
105	123...134		OXS6x105	
120	138...149		OXS6x120	
130	148...159		OXS6x130	
85	121...131	OT63...80	OXS6x85	
105	141...151		OXS6x105	
120	156...166		OXS6x120	
130	166...176		OXS6x130	
85	120...130	OT100...125	OXS6x85	
105	140...150		OXS6x105	
120	155...165		OXS6x120	
130	165...175		OXS6x130	

Shafts for pistol type handles 6mm

150	164...175	OT16...40	OSP6x150	
170	184...195		OSP6x170	
265	279...290		OSP6x265	
400	414...425		OSP6x400	
150	183...194	OT63...80	OSP6x150	
170	203...214		OSP6x170	
265	298...309		OSP6x265	
400	433...444		OSP6x400	
150	192...206	OT100...125	OSP6x150	
170	212...226		OSP6x170	
265	307...321		OSP6x265	
400	442...456		OSP6x400	
90	166...214	OT160...250E_C	OSP6x90	
130	209...254		OSP6x130	
161	240...285		OSP6x161	
210	289...334		OSP6x210	
290	369...414		OSP6x290	
360	439...484		OSP6x360	

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Shafts for pistol type handles 12mm

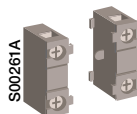
107	209...266	OT160...250E_C	OSP12x107	
148	243...307		OSP12x148	
166	261...325		OSP12x166	
185	280...344		OSP12x185	
250	345...409		OSP12x250	
280	375...439		OSP12x280	
325	420...484		OSP12x325	
395	490...554		OSP12x395	
465	560...624	OT630...800E_C	OSP12x465	
148	287...355		OSP12x148	
185	324...422		OSP12x185	
250	389...487		OSP12x250	
325	464...562		OSP12x325	
395	534...632		OSP12x395	
465	604...702	OT1000...2500E_C	OSP12x465	
166	339...425		OSP12x166	
250	423...509		OSP12x250	
325	498...584		OSP12x325	
395	568...654		OSP12x395	
465	638...724		OSP12x465	



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Change-over switches

Auxiliary contacts, 4th poles, terminal shrouds



OA1G_
OA3G01



OA2G11



OTP_63_

4

Auxiliary contact blocks, IP20

Contact numbering according to EN50013

Suitable for switches	Installation side	Function	Product Hierarchy 2200001	
			Order Code	Price

Aux Contacts for snap-on mounting to the side of the switch IP20.

$I_m = 16A$, cable cross section max. $2 \times 2.5 \text{ mm}^2$.

OT16...125F_C	Right	1NO	OA1G10	
		1NC	OA18G01	
	Left	1NO	OA7G10	
		1NC	OA1G01	
OT63...125F3C	Either	1NO/1NC	OA2G11	

Aux Contacts mounting on the side of the switch maximum 8 blocks IP20.

OT160...2500E_C_	Right	1NO	OA1G10	
		1NC	OA2G11	

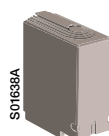
Fourth poles

Mountable on the side of the switch.

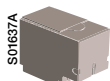
Suitable for switches	Rated current/ up to 415v I[A]		Product Hierarchy 2200001	
	AC-21A/AC-22A	AC-23A	Order Code	Price
Simultaneous function with the main contacts				
OT16...40	40	23	OTPS40FPN1	
			OTPS40FPN2	
OT63...80	80	75	OTPS80FP	
OT100...125	125	90	OTPS125FP	

Terminal shrouds

Snap-on mounting, transparent



OTS_L_



OTS_S_

Suitable for switches	Order Code	Price
For 3-pole switches		
OT 16...40	OTS40T3	
OT63...80	OTS63T3	
OT 100...125	OTS125T3	
For 4th pole		
OTPS40FPN1	OTS40T1	
OTPS40FPN2		
OTPS80FP	OTS63T1	
OTPS125FP	OTS125T1	



Full range of product and technical information place this part number in a search engine and download

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Change-over switches

Connection kits

Parallel connection kits

Suitable for switches	Max cable size [mm²]	Product Hierarchy 2200001	
		Order Code	Price
OT16...40F3C	6 (fine stranded), 10 (stranded)	OZXA33	
OT16...40F4C		OZXA32	
OT63...80F3C	25	OZXA38	
OT63...80F4C		OZXA39	
OT100...125F3C	50	OZXA40	
OT100...125F4C		OZXA41	

Bridging Bars

Suitable for switches	Number of poles	Order Code	Price
OT_160...250E_C	3	OTZC13	
	4	OTZC14	
OT_315...400E_C	3	OTZC23	
	4	OTZC24	
OT_600...800E_C	3	OTZC33	
	4	OTZC34	
OT_1000...1250E_C	3	OTZC43	
	4	OTZC44	
OT_1600E_C	3	OTZC53	
	4	OTZC54	
OT_2000...2500E_C	3	OTZC63	
	4	OTZC64	

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Reversing Bars

Suitable for switches	Order Code	Price
OT_160...250E_C	OTZR1	
OT_315...400E_C	OTZR2	
OT_600...800E_C	OTZR3	



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OS switch fuses 16...1250 A 690V

Manual operation



DIN	OS16FD	OS40FD	OS32GD	OS125GD
	OS35FD		OS63GD	OS160GD
BS	OS20FB		OS32GB	OS100GB
	OS32FB		OS63GB	OS125GB
				OS160GB
NFC	OS25FF		OS50GF	OS125GF
	OS32FF			
UL/CSA	OS30FACC		OS60GJ	OS100GJ
	OS30FAJ			

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	OS Mini							OS						
Switch size [A]	16	20	25	30	32	35	40	32	50	60	63	100	125	160
AC23/400 V [kW]	7.5	11		15	15	18,5		15	22	30		55	75	
AC23/415 V [kW]	7.5			15				15		30		55	55	75
480 V [HP]				15						30		60		
600 V [HP]				20						50		75		

Motor operation



DIN	OSM32GD	OSM125GD
	OSM63GD	OSM160GD
BS	OSM32GB	OSM100GB
	OSM63GB	OSM125GB
		OSM160GB
NFC	OSM50GF	OSM125GF
OSM		
Switch size [A]	32 50 63	100 125 160

Accessories

Optional handles

Extended shafts

Auxiliary contacts

Fourth poles

N & PE terminals

Solid links

Terminal shrouds

Connecting accessories

Conversion kits

Blown fuse indicators

Locking accessories



OS200D

OS400D

OS630D

OS1250D

OS250D

OS800D

OS200B

OS315B

OS630B

OS1250B

OS250B

OS400B

OS800B

OS200J

OS400J

OS600J

OS1200L

OS800L

200 250

315 400

600 630 800

1200 1250

110 140

220

355 450

560

110 145

180 230

355 450

560

150

250

400 500

-

200

350

500 600

-



OSM200D

OSM400D

OSM630D

OSM1250D

OSM250D

OSM800D

OSM200B

OSM315B

OSM630B

OSM1250B

OSM250B

OSM400B

OSM800B

200 250

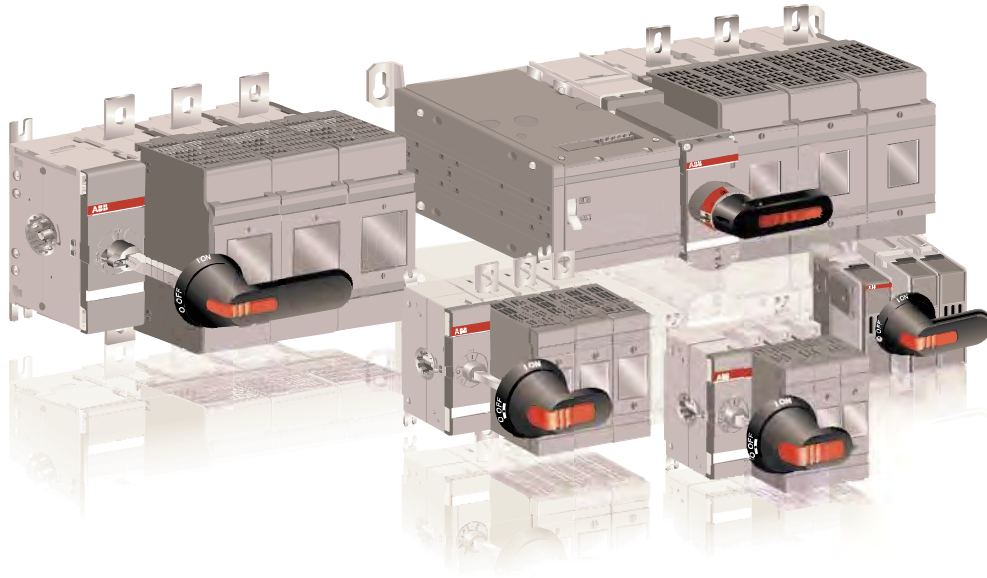
315 400

630 800

1250

Features of OS switch fuses

16 ... 1250 A 690V

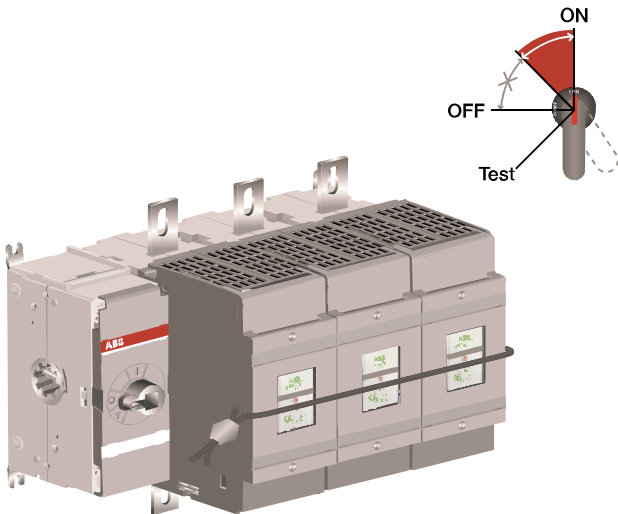


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Features within the range of ABB switch fuses include single pole to four pole versions.

The switch fuse mechanism located in any position, increasing the ease of installation and adaptability to different types of cubicle designs (OS32G...1250).

A wide selection of accessories improve the usability of the switch fuses; 6 and 8- pole, changeover, by-pass and mechanically interlocked switch combinations can be built up by means of conversion kits.



The switch fuses are available for all types of fuse links, DIN, BS, NFC, UL, CSA. Switch fuses are also suitable for remote control by the motorized OSM versions.

Designed for safety

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

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

- The fuse covers cannot be opened while the switch fuse is in the ON-position and can be sealed in the closed position.
- The double insulated external operating handle eliminates the risk of touching live parts outside the box.
- The handle indicates the position of the contacts with complete reliability in all situations.
- The frame is made of robust plastic with excellent mechanical and thermal properties.
- Voltage output pins (as standard)
- Pole markings as standard

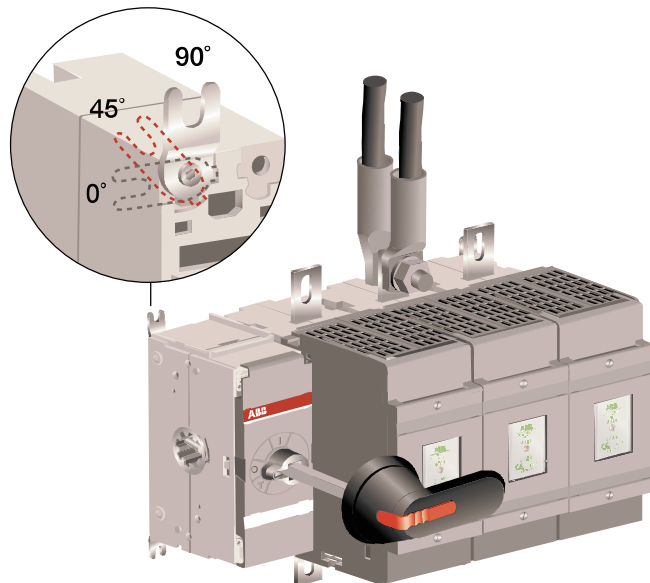
● You take no risks with OS16...1250 switch fuses

Switch fuses for extreme conditions - Numerous applications require switch fuses that can withstand extreme conditions. High voltages and high short circuit currents create a demand for superior performance without neglecting safety.

Easy, flexible installation

The OS 32...1250 switch fuse is easy to use and a snap to install according to your choice: the adjustable mounting feet allow both top and side mounting of the switch fuse.

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



Superior performance

- High CTI in supporting parts, resulting high U_i ratings
- The contact constructions are optimal, regardless of fuse type, DIN, BS, NFC or UL-type
- Meets the requirements for installation close to the main transformer up to 100 kA in heavy industry and in ships

- High performance level and smart design makes OS switch fuses suitable for all applications in low voltage networks.

Compact construction

- Intelligent construction in combination with a small number of components results in a very compact mechanism design
- Very small footprint area

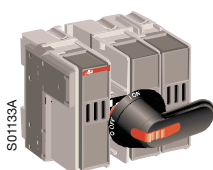
- Space savings mean cost reduction!

Switch fuses

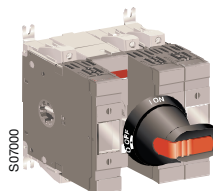
OS20...160 BS -type

Front operated switch fuses

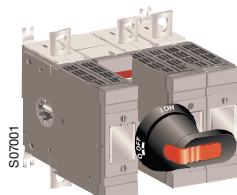
Including terminal bolt kit (OS100...160), a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.



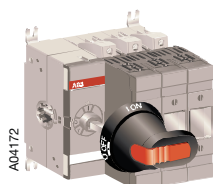
(OS Mini)
OS20...32FB12A1
OS32FB12A2
OS32FB12F1



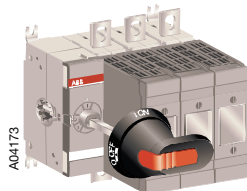
OS32G...63GB12P



OS100G...160GB12P



OS32G...63GB03P



OS100G...160GB03P



Full range of product and technical information place this part number in a search engine and download
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Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price

Mechanism between the poles - protected tunnel terminals, IP20

20	7.5/11/15	A1	3	OS20FB12A1-2	
			4	OS20FB22A1N1	
32	15/18/25	A1	3	OS32FB12A1	
			4	OS32FB22A1N1	
	15/18.5/22	A2	3	OS32FB12A2	
			4	OS32FB12A2N1	
32	15/18.5/22	A2, A3	2	OS32GB11P	
			3	OS32GB12P	
			4	OS32GB22N1P	
63	30/37/55	A2, A3	2	OS63GB11P	
			3	OS63GB12P	
			4	OS63GB22N1P	

Terminal bolt kit

100	55/55/90	A2, A3, A4 ¹⁾	2	OS100GB11P	
			3	OS100GB12P	
			4	OS100GB22N1P	
125	55/75/110	A2, A3, A4 ¹⁾	2	OS125GB11P	
			3	OS125GB12P	
			4	OS125GB22N1P	
160	75/90/132	A2, A3, A4 ¹⁾	2	OS160GB11P	
			3	OS160GB12P	
			4	OS160GB22N1P	

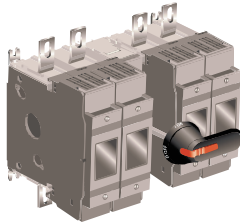
Mechanism at the end of the switch, protected tunnel terminals, IP20

32	15/18.5/22	A2, A3	2	OS32GB02P	
			3	OS32GB03P	
			4	OS32GB04N1P	
63	30/37/55	A2, A3	2	OS63GB02P	
			3	OS63GB03P	
			4	OS63GB04N1P	

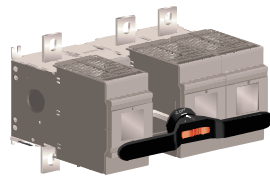
Terminal Bolt Kit

100	55/55/90	A2, A3, A4 ¹⁾	2	OS100GB02P	
			3	OS100GB03P	
			4	OS100GB04N1P	
125	55/75/110	A2, A3, A4 ¹⁾	2	OS125GB02P	
			3	OS125GB03P	
			4	OS125GB04N1P	
160	75/90/132	A2, A3, A4 ¹⁾	2	OS160GB02P	
			3	OS160GB03P	
			4	OS160GB04N1P	

Switch fuses OS200...1250 BS -type



OS250B22N2P



OS1250B12P

Front operated switch fuses - Mechanism between the poles

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

Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price
200	110/132/200			OS200B12P	
				OS200B22N2P	
250	140/170/250	B1-B3	3	OS250B12P	
			4	OS250B22N2P	
315	160/220/220	B1-B4	3	OS315B12P	
			4	OS315B22N2P	
400	220/280/400	B1-B4	3	OS400B12P	
			4	OS400B22N2P	
630	355/450/630	C1-C2	3	OS630B12P	
			4	OS630B22N2P	
800	450/560/710	C1-C2	3	OS800B12P	
			4	OS800B22N2P	
1250 ¹⁾ 1000 ²⁾	560/710/1000	D1	3	OS1250B12P	
			4	OS1250B22N2P	

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Shafts, handles & bolt kits included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS20...32FB (OS Mini)	OXF6X150	OHB65J6	-
OS32...63G_P	OXF6X161	OHB45J6	-
OS100...160G_P	OXF6X161	OHB65J6	M8x25
OS200_P	OXF6X210	OHB65J6	M8x25
OS250_P	OXF6X210	OHB65J6	M10x30
OS315...400_P	OXF12X250	OHB95J12	M10x30
OS630...800_P	OXF12X280	OHB145J12	M12x40
OS1250_P	OXF12X395	OHB200J12	M12x50

OS20...160

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

¹⁾ AC-20...22
²⁾ AC-23
³⁾ Include a detachable neutral link integrated into the mechanism



Full range of product and technical information place this part number in a search engine and download

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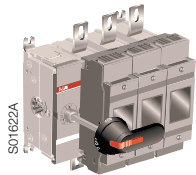
OS200...125 0

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

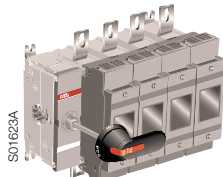
¹⁾ AC-20...22
²⁾ AC-23
³⁾ Include a detachable neutral link integrated into the mechanism

Switch fuses

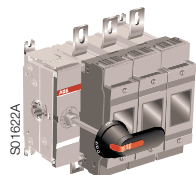
OS200...1250 BS -type



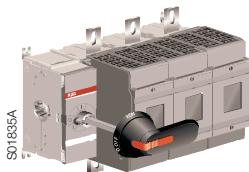
OS200B03P



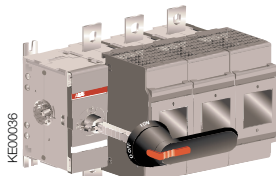
OS200B04P



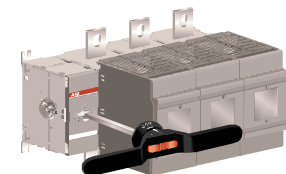
OS250B03P



OS400B03P



OS800B03P



OS1250B03P

Front operated switch fuses - Mechanism at the end of the switch

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

Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price
200	110/132/200	B1-B2	2	OS200B02P	
			3	OS200B03P	
			3+N ³⁾	OS200B03N3P	
			4	OS200B04N2P	
250	140/170/250	B1-B3	2	OS250B02P	
			3	OS250B03P	
			3+N ³⁾	OS250B03N3P	
			4	OS250B04N2P	
315	160/220/220	B1-B4	2	OS315B02P	
			3	OS315B03P	
			3+N ³⁾	OS315B03N3P	
			4	OS315B04N2P	
400	220/280/400	B1-B4	2	OS400B02P	
			3	OS400B03P	
			3+N ³⁾	OS400B03N3P	
			4	OS400B04N2P	
630	355/450/630	C1-C2	2	OS630B02P	
			3	OS630B03P	
			3+N ³⁾	OS630B03N3P	
			4	OS630B04N2P	
800	450/560/710	C1-C3	2	OS800B02P	
			3	OS800B03P	
			3+N ³⁾	OS800B03N3P	
			4	OS800B04N2P	
1250 ¹⁾ 1000 ²⁾	560/710/1000	D1	2	OS1250B02P	
			3	OS1250B03P	
			3+N ³⁾	OS1250B03N3P	
			4	OS1250B04N2P	



Full range of product and technical information place this part number in a search engine and download

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

¹⁾ Max. fuse diameter 32 mm

²⁾ AC-23

³⁾ Include a detachable neutral link integrated into the mechanism

Switch fuses

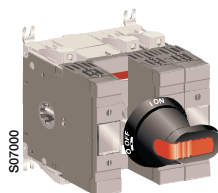
OS40 ...160 DIN -type

Front operated switch fuses

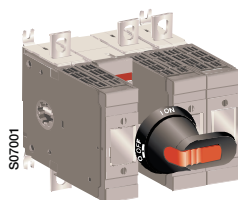
Including terminal bolt kit in OS125G...160G, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.



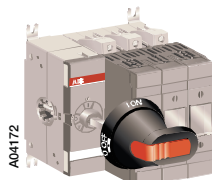
OS40FD12000 (OS Mini)



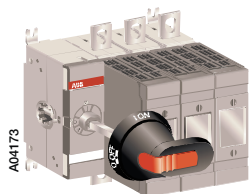
OS32G...63GD12P



OS125G...160GD12P



OS32G...63GD03P



OS125G...160GD03P

Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price

Mechanism between the poles

Protected tunnel terminals, IP20

40	18.5/22/30	000	3	OS40FD12000	
			4	OS40FD22000N1	
32	15/18.5/22	000	3	OS32GD12P	
			4	OS32GD22N2P	
			4	OS32GD22FP	
63	30/37/55	000	3	OS63GD12P	
			4	OS63GD22N2P	
			4	OS63GD22FP	

Terminal bolt kit

125	55/75/110	000, 00	3	OS125GD12P	
			4	OS125GD22N2P	
			4	OS125GD22FP	
160	75/90/132	000, 00	3	OS160GD12P	
			4	OS160GD22N2P	
			4	OS160GD22FP	

Mechanism at the end of the switch,

Protected tunnel terminals, IP20

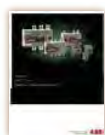
32	15/18.5/22	000	3	OS32GD03P	
			4	OS32GD04N2P	
			4	OS32GD04FP	
63	30/37/55	000	3	OS63GD03P	
			4	OS63GD04N2P	
			4	OS63GD04FP	

Terminal Bolt Kit

125	55/75/110	000, 00	3	OS125GD03P	
			4	OS125GD04N2P	
			4	OS125GD04FP	
160	75/90/132	000, 00	3	OS160GD03P	
			4	OS160GD04N2P	
			4	OS160GD04FP	

Shafts, handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS40	OXF6X150	OHB65J6	-
OS32...63G_	OXF6X161	OHB45J6	-
OS125...160G_	OXF6X161	OHB65J6	M8x25



Full range of product and technical information place this part number in a search engine and download

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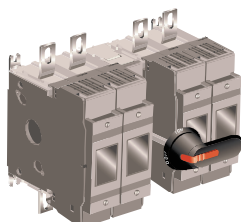
F = Fused switched neutral
N1 = Non-fused switched neutral on the left side
N2 = Non-fused switched neutral on the right side

Switch fuses

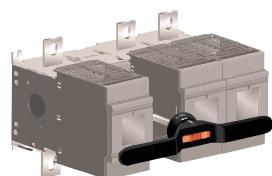
OS200 ...1250 DIN -type

Front operated switch fuses - Mechanism between the poles

Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. OS1250DA: a fuse replacement tool is integrated in the fuse cover.



OS250D22N2P



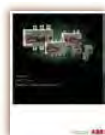
OS1250D12P

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Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price
Protected tunnel terminals, IP20					
200	110/132/200	00	3	OS200DZ12P	
200	110/132/200	0	2	OS200D11P	
			3	OS200D12P	
			4	OS200D22N2P	
250	145/170/250	0-1	2	OS250D11P	
			3	OS250D12P	
			4	OS250D22N2P	
400	230/280/400	0-2	2	OS400D11P	
			3	OS400D12P	
			4	OS400D22N2P	
630	355/450/630	3	2	OS630D11P	
			3	OS630D12P	
			4	OS630D22N2P	
800	450/560/710	3	2	OS800D11P	
			3	OS800D12P	
			4	OS800D22N2P	
1250 ¹⁾ 1000 ²⁾	560/710/1000	4	3	OS1250D11P	
			4	OS1250D12P	
		4a	3	OS1250DA11P	
			4	OS1250DA12P	

Shafts, handles included as standard

Suitable for switches	Included shaft	Included handle	Included terminal bolts
OS200_P	EXP6X210	OHB65J6	M8x25
OS250_P	EXP6X210	OHB45J6	M10x30
OS400_P	EXP12X250	OHB95J12	M10x30
OS630...800_P	EXP12X280	OHB145J12	M12x40
OS1250_P	EXP12X395	OHB200J12	M12x50



Full range of product and technical information place this part number in a search engine and download

1SCC301001C0201

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

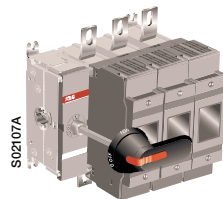
¹⁾ AC-20...22
²⁾ AC-23
³⁾ Max. fuse diameter 32 mm

Switch fuses

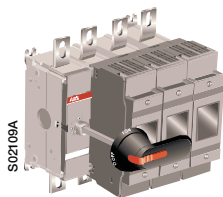
OS200 ...1250 DIN -type

Front operated switch fuses - Mechanism at the end of the switch

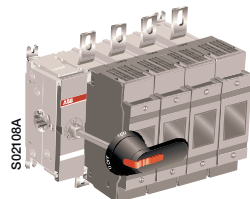
Including terminal bolt kit, a black ON-OFF plastic handle and shaft as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths. OS1250DA: a fuse replacement tool is integrated in the fuse cover.



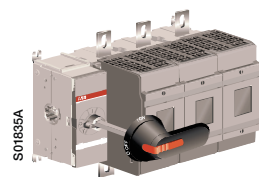
OS200D03P



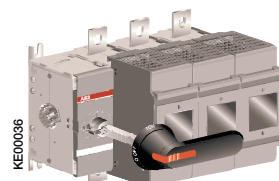
OS250D03N3P



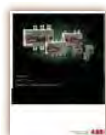
OS250D04P



OS400D03P



OS630D03P



Full range of product and technical information place this part number in a search engine and download

1SCC301001C0201

Rated current AC-20...23 ≤ 690V [A]	Rated Power AC-23 400/500/690V [kW]	Fuse Size	No. of poles	Product Hierarchy 2100002	
				Order Code	Price
Protected tunnel terminals, IP20					
200	110/132/200	00	3	OS200DZ03P	
			4	OS200DZ04N2P	
200	110/132/200	0	2	OS200D02P	
			3	OS200D03P	
			3+N	OS200D03N3P	
			4	OS200D04N2P	
			4	OS200D04FP	
250	145/170/250	0-1	2	OS250D02P	
			3	OS250D03P	
			3+N	OS250D03N3P	
			4	OS250D04N2P	
			4	OS250D04FP	
400	230/280/400	0-2	2	OS400D02P	
			3	OS400D03P	
			3+N	OS400D03N3P	
			4	OS400D04N2P	
			4	OS400D04FP	
630	355/450/630	3	2	OS630D02P	
			3	OS630D03P	
			3+N	OS630D03N3P	
			4	OS630D04N2P	
			4	OS630D04FP	
800	450/560/710	3	2	OS800D02P	
			3	OS800D03P	
			3+N	OS800D03N3P	
			4	OS800D04N2P	
			4	OS800D04FP	
1250 ¹⁾ 1000 ²⁾	560/710/1000	4	2	OS1250D02P	
			3	OS1250D03P	
			3+N	OS1250D03N3P	
			4	OS1250D04N2P	
			4	OS1250D04FP	
1250 ¹⁾ 1000 ²⁾	560/710/1000	4a	2	OS1250DA02P	
			3	OS1250DA03P	
			3+N	OS1250DA03N3P	
			4	OS1250DA04N2P	
			4	OS1250DA04FP	

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

¹⁾ AC-20...22

²⁾ AC-23

³⁾ Max. fuse diameter 32 mm

Switch fuses accessories

Operating handles

For front operated switch fuses

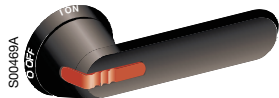
OH_handles: IP65, NEMA 1, 3R, 12, padlockable with three padlocks in OFF-position, door interlock in ON-position. Screw fixing from the back side of the handle. No screws on the front ensures double insulation.
Excluding metallic handles.



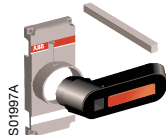
OHY_



OHB_



OHB_



OTV_



OHB_

4

		Product Hierarchy 2200003		
Colour	Handle Length [mm]	Suitable for switches	Order Code	Price
For shaft diameter 6mm				
Black and red-yellow: I-O/ON-OFF, grey: I/O				
Black	45	OS Mini ... 250	OHB65J6	
Yellow-Red			OHY45J6	
Grey			OHG45J6	
Black	65		OHB65J6	
Yellow-Red			OHY65J6	
Grey			OHG65J6	
Black	80		OHB80J6	
Plastic handles, black and red/yellow: Test/I-O/ON-OFF, grey: Test/I-O				
Black	45	OS Mini ... 250	OHB45J6T	
Yellow-Red	65		OHB65J6T	
			OHY65J6T	
			OHG65J6T	
Black	80		OHB80J6T	
Stainless steel handles: I-O/ON-OFF, padlockable with 3 padlocks in the OFF position, door interlock in the ON position, IP66 (NEMA 4X)				
Metallic	65	OS Mini ... 250	OHM65L6	
For shaft diameter 12mm				
Plastic handles, black and red/yellow: I-O/ON-OFF, grey: I-O				
Black	95	OT315...400	OHB95J12	
Yellow-Red			OHY95J12	
Grey			OHG95J12	
Indication: Test-OFF-ON/Test-O-I, padlockable with 3 padlocks in the OFF position, door interlock in the ON position, IP66 (NEMA 4X)				
Black	95	OT315...400	OHB95J12T	
Yellow-Red			OHY95J12T	
Plastic handles, black and red/yellow: I-O/ON-OFF, grey: I-O				
Black	125	OT630...800	OHB125J12	
Yellow-Red			OHY125J12	
Grey			OHG125J12	
Black	145		OHB145J12	
Yellow-Red			OHY145J12	
Grey			OHG145J12	
Black	175		OHB175J12	
Yellow-Red			OHY175J12	
Grey			OHG175J12	
Indication: Test-OFF-ON/Test-O-I				
Black	125	OT630...800	OHB125J12T	
Yellow-Red			OHY125J12T	
Black	145		OHB145J12T	
Yellow-Red			OHY145J12T	
Black	175		OHB175J12P	
Plastic handles, black and red/yellow: I-O/ON-OFF				
Black	2x150	OT1200...1250	OHB150J12P	
Yellow-Red			OHY150J12P	
Black	2x200		OHB200J12P	
Yellow-Red			OHY200J12P	
Indication: Test-OFF-ON/Test-O-I				
Black	2x200	OT1200...1250	OHB200J12PT	
Yellow-Red			OHY200J12PT	



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Switch fuses accessories

Operating handles

		Product Hierarchy 2200003		
Colour	Handle Length [mm]	Suitable for switches	Order Code	Price
For shaft diameter 12mm				
Stainless steel handles: I-O/ON-OFF, padlockable with 3 padlocks in the OFF position, door interlock in the ON position, IP66 (NEMA 4X)				
Metallic	125	OT1200...1250	OHM125J12	
	175		OHM175J12	
	275		OHM275J12	
Metallic handles: padlockable with 3 padlocks in the OFF position, door interlock in the ON position.				
Black 1-O	220	OT1200...1250	YASDA7	
Black ON-OFF			YASDA8	
Black I-O	320		YASDA35	

Door interlocking in ON-position means that the door cannot be opened, when the handle is in the ON-position.
This can be defeated in IP65 types to allow authorised personnel access for inspection

Direct mounted handles

Plastic handles, 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.

For front operated OS Mini

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

Colour	Order Code	Price
Black	OHBS5	

For side operated OS Mini

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

Colour	Order Code	Price
Black	OHB4	

For front operated OS 32G...1250

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.

Suitable for switches	Colour	Order Code	
OS32G...160G,	Black	OSV200BK	
OS200B/J_K	Yellow-red	OSVY200BK	
OS200D...250D/B_K	Black	OSV250DK	
	Yellow-red	OSVY250DK	
OS400D_K	Black	OSV400DK	
	Yellow-red	OSVY400DK	
OS315...400B/J_K	Black	OSV400BK	
	Yellow-red	OSVY400BK	
OS600...800_K	Black	OSV800DK	
OS1200...OS1250_K	Black	OSV1250DK	

Fuse replacement handles

DIN fuse sizes	Description	Order Code	
000,00,1,2,3	Compact	OFAE 504	
	690 V	OFAE 505	

Extension ring for pistol type handles

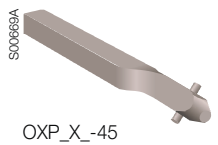
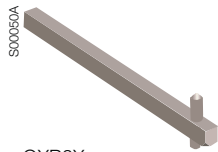
Colour	Sitable for handles	Order Code	
Black	OHB_	OHZX14	



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Switch fuses accessories

Extended shafts



4

Extended shafts

Product Hierarchy 2200003

Shaft (mm)	Front operated H / mm	Side operated H / mm	Order Code	Price
For OS 16...35 (Mini) ²⁾, shaft diameter 6 mm				
150	135...210	154...166	OSP6X150 ⁵⁾	
170	155...230	174...186	OSP6X170	
265	250...325	269...281	OSP6X265	
400	385...460	404...416	OSP6X400	
150	135...210	154...166	OSP6X150-45 ¹⁾	
170	155...230	174...186	OSP6X170-45 ¹⁾	
265	380...460	269...281	OSP6X265-45 ¹⁾	
400	380...460	404...416	OSP6X400-45 ¹⁾	
For OS 40 (Mini) ²⁾, shaft diameter 6 mm				
150	135...210	235...243	OSP6X150 ⁵⁾	
170	155...230	255...363	OSP6X170	
265	250...325	352...360	OSP6X265	
400	385...460	487...495	OSP6X400	
150	135...210	235...243	OSP6X150-45 ¹⁾	
170	155...230	255...363	OSP6X170-45 ¹⁾	
265	250...325	352...360	OSP6X265-45 ¹⁾	
400	385...460	487...495	OSP6X400-45 ¹⁾	
For OS 32G...63G ⁴⁾, shaft diameter 6 mm				
63		161...167	OSP6X63	
90		223 ... 229	OSP6X90	
130	137 ... 174 ⁷⁾	263 ... 263	OSP6X130	
161	138 ... 205		OSP6X161 ³⁾	
210	187 ... 254		OSP6X210	
290	267 ... 334		OSP6X290	
360	337 ... 404		OSP6X360	
430	407 ... 474		OSP6X430	
210	187 ... 254		OSP6X210-45 ¹⁾	
290	267 ... 334		OSP6X290-45 ¹⁾	
360	337 ... 404		OSP6X360-45 ¹⁾	
For OS 200...250 DIN-type, shaft diameter 6 mm				
161	160 ... 205		OSP6X161	
210	189 ... 254		OSP6X210 ³⁾	
290	269 ... 334		OSP6X290	
For OS 200...250 BS-type, shaft diameter 6 mm				
161	140 ... 205		OSP6X161	
210	189 ... 254		OSP6X161	
290	269 ... 334		OSP6X290	



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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

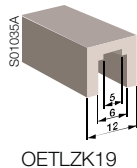
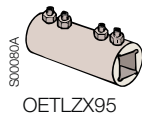
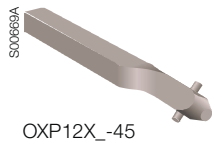
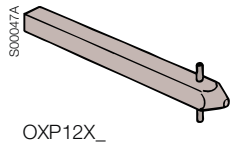
⁶⁾ OS32...63GB/GF: 115...174

⁷⁾ OS100GJ: 113...174, OS100GB...160GB: 121...174

⁸⁾ Side operated 4-pole types: add 35mm

Switch fuses accessories

Extended shafts



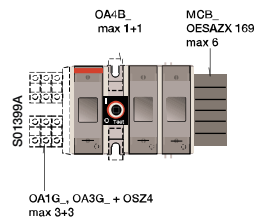
Extended shafts

Shaft (mm)		Product Hierarchy 2200003	
Front operated H / mm		Order Code	Price
For OS 315...400, shaft diameter 12 mm			
250	230...325	OXP12X250 ²⁾	
280	260...355	OXP12X280	
325	305...400	OXP12X325	
395	375...470	OXP12X395	
465	445...540	OXP12X465	
535	515...610	OXP12X535	
For OS 630...800, shaft diameter 12 mm			
280	258...382	OXP12X280 ²⁾	
325	303...427	OXP12X325	
395	373...497	OXP12X395	
465	443...567	OXP12X465	
535	513...637	OXP12X535	
280	258...382	OXP12X280-45 ¹⁾	
325	303...427	OXP12X325-45 ¹⁾	
For OS 1200...1250, shaft diameter 12 mm			
395	371...500	OXP12X395	
465	441...570	OXP12X465	
535	511...640	OXP12X535	
Shaft extension socket - for extending the shaft of combination attachment.			
12 diameter		OETLZX95	
Adapers for extension socket - adapters to place inside of OETLZX 95 to connect shafts of different sizes.			
6/6, 6/12		OETLZK19	



Switch fuses accessories

Auxilliary contacts



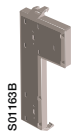
OS Mini



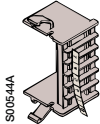
OA_G



MCB_



OSZ4



OESAZX169

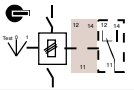
Auxiliary contacts

OS Mini

Auxiliary contacts for OS Mini

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

Change-over contacts



	Handle position	Main contacts	Aux. / Test contacts N.O.	Order Code	Price
	Test 0 gap	open open closed	closed open closed		
1NO				OA4B1C	
1NC				OA4B10	
				OA4B01	

Mounting on the side of the switch with aux. frame OESAZX169

1NO				MCB-10	
1NC				MCB-01	

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

NO contacts are provided with a positive opening feature. Units/type = 1 piece. Types _AU have gold plated contacts for harsh environments and low operating voltages.

1NO				OA1G10	
1NC				OA3G01	
1NO				OA1G10AU	
1NC				OA3G01AU	

Mounting frames for auxiliary contacts of OS Mini

Description	Order Code	Price
Frame for auxiliary contacts OA1G10 & OA3F01 & for fuse monitor. Max. 6 auxiliary contacts can be fitted.		
Mounting on the left side of the switch	OSZ4	
Frame for MCB_ auxiliary contacts. Not suitable for side operated switches. Max. 6 auxiliary contacts can be fitted.		
Mounting on the right side of the switch	OESAZX169	

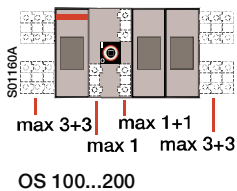
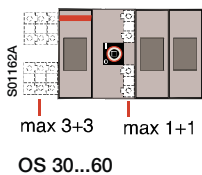


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Switch fuses accessories

Auxilliary contacts



Auxiliary contacts for OS32G ... 1250

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.

Function table of OS32G...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

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

Auxiliary contacts for OS32G ... 1250

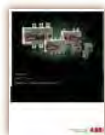
Mounting on the left side of the switch: Max. 8 auxiliary contact blocks with the OEA28 module.

Mounting under the mechanism cover: - OS200...250: Max 4 test contacts or 2 test contacts + 2 test indication contacts.

- OS315...400: Max 4 test contacts and 4 test indication contacts. The test contacts can be used as standard auxiliary contacts as well. Auxiliary contacts for 3 + N types only with the OEA28 module.



Description	Product Hierarchy 2100004	
	Order Code	Price
Module for auxiliary contacts screw mounting to the left side of the switch	OEA28	
1 NO contact block	OA1G10	
1 NC contact block	OA3G01	

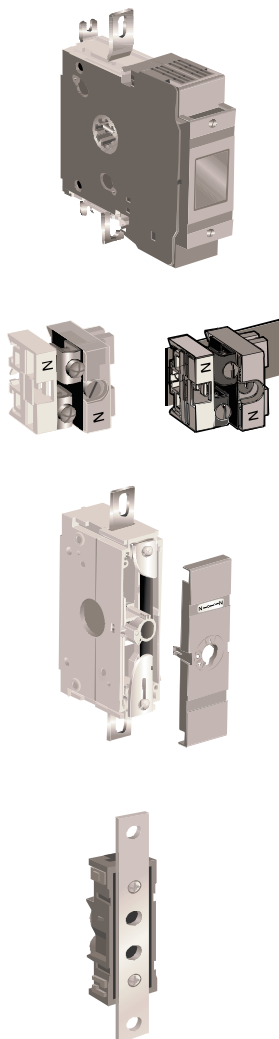


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Switch fuses accessories

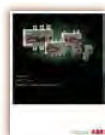
4th poles



4

4th poles

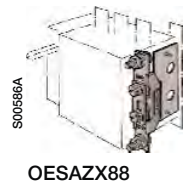
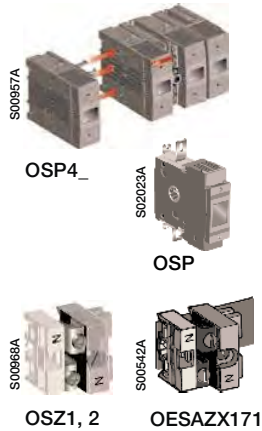
4th poles		Product Hierarchy 2200003	
Suitable for switches	Mounting side	Order Code	Price
Fusible 4 poles			
OS100GB ... 160GB	Left/right	OSP160GB	
OS125GD ... 160GD		OSP160GD	
OS200B		OSP200B	
OS200D		OSP200D	
OS250B		OSP250B	
OS250D		OSP250D	
OS315B ... 400B		OSP400B	
OS400D		OSP400D	
OS630 ... 800D		OSP800B	
OS630 ... 800B		OSP800D	
OS1250D		OSP1250D	
OS1250DA		OSP1250DA	
OS1250B		OSP1250DB	
Switched 4 poles			
OS100G ... 160G	Left/right	OSP160GN	
OS200_		OSP200N	
OS250_		OSP250N	
OS400_		OSP400N	
OS630 ... 800		OSP800N	
OS1200 ... 1250		OSP1250N	
For OS 200...250 DIN-type, shaft diameter 6 mm			
161	160 ... 205		
210	189 ... 254		
290	269 ... 334		
For OS 200...250 BS-type, shaft diameter 6 mm			
161	140 ... 205		
210	189 ... 254		
290	269 ... 334		



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Switch fuses accessories

Neutral links



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Neutral links

Max. wire	H/W/D [mm]	Mounting holes	Product Hierarchy 2100004	
			Order Code	Price
For OS Mini Detachable, mounting on the side of the switch, on the mounting plate or DIN-rail.				
16mm ² Cu	39/41/40	ø 4.2, distance 32	OESAZX171	
For OS/OSM 32G ... 160G Detachable, mounting onto the base plate or DIN-rail.				
16mm ² Cu	39/41/40	ø 4.2, distance 32	OSZ1	
35mm ² Cu	39/44/45	ø 4.2, distance 365	OSZ2	
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 to OS1250)				
OS/OSM32G ... 250			OXN250	
OS/OSM315G ... 400			OXN400	
OS/OSM630G ... 800			OXN800S	
OS/OSM1250			OXN1250S	

I _n [A]	Terminal size (WxD) [mm]; bolt size	Order Code	
Mounting separately to the base plate			
250	12x3 M6	OESAZX162	
315	20x3 M81	OESAZX165	
400	25x4 M10	OESAZX162	
1000	40x5 M12	OESAZX160	

Solid links

Suitable for	Product Hierarchy 2100004	
	Order Code	Price
OS20FB...OS32FB_A1	OESAZG98	
OS32GD...OS160GD	OFAW000	
OS32FB...A2...OS63GB	OESAZG5	
OS100GB...OS160GB	OESAZS36	
OS100GJ	OESAZS175	
OS200...250B,J	OEZL1	
OS315...400B,J	OESAZK98	
OS630B...800B	OESAZL79	
OS600J, 800...1200L	OEZNL8	
OS1250B	OEZNL810	
OS250D	OFAW1	
OS400D	OFAW2	
OS630/800D	OFAW3	

Switch fuses accessories

Terminal shrouds



OSS160G3_



OSS160T1_



OSS_L



OSS_S

4

Terminal shrouds

Terminal shrouds			Product Hierarchy 2100004	
Suitable Switch	Pieces	Handle Type	Order Code	Price
OS 100G ... 160G	3	Long type	OSS160GG1L/3	
		Short type	OSS160GG1S/3	
	4	Long type	OSS160GG1L/4	
		Short type	OSS160GG1S/4	
OS/OSM 200	3	Long type	OSS200G1L/3	
		Short type	OSS200G1S/3	
	4	Long type	OSS200G1L/4	
		Short type	OSS200G1S/4	
OS/OSM 250	3	Long type	OSS250G1L/3	
		Short type	OSS250G1S/3	
	4	Long type	OSS250G1L/4	
		Short type	OSS250G1S/4	
OS/OSM 315...400	3	Long type	OSS400G1L/3	
		Short type	OSS400G1S/3	
	4	Long type	OSS400G1L/4	
		Short type	OSS400G1S/4	
OS/OSM 630...800	3	Long type	OSS800G1L/3	
		Short type	OSS800G1S/3	
	4	Long type	OSS800G1L/4	
		Short type	OSS800G1S/4	
OS 1200...1250/ OSM 1250_N3	3	Long type	OSS1250G1L/3	
		Short type	OSS1250G1S/3	
	4	Long type	OSS1250G1L/4	
		Short type	OSS1250G1S/4	

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

OS/OSM 100G...250_N3	1	Long type	OTS250G1L	
		Short type	OTS250G1S	
OS/OSM 315...400_N3		Long type	OSS250G1L	
		Short type	OSS250G1S	
OS/OSM 630...800_N3		Long type	OTS800G1L	
		Short type	OTS800G1S	
OS 1200...1250_N3/ OSM 1250_N3		Long type	OTS1600G1L	
		Short type	OTS1600G1S	

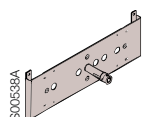


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Switch fuses accessories

Conversion kits



OW_6DS_



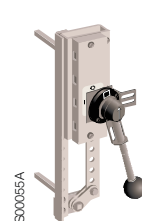
OESAZW2



OETLZW9



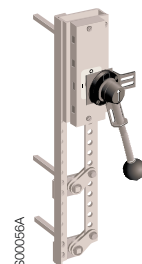
OTZW25,
OETLZW11



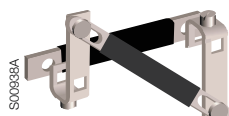
OETLZW12



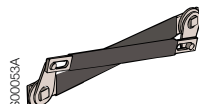
OTZW26



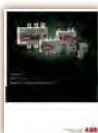
OETLZW13



OTZW10



OETLZW3, 14, 15



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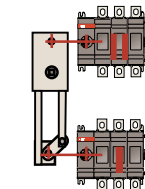
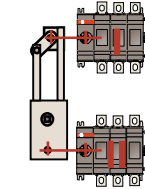
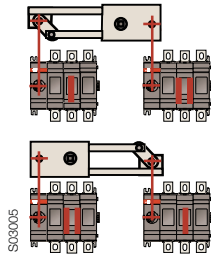
For front operated combination switches

Product Hierarchy 2100004

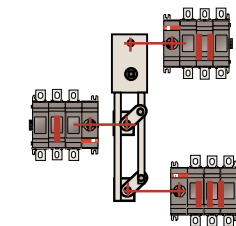
Suitable for switches	Remarks	Shaft distance [mm]	Order Code	Price
6 and 8-pole switch mechanism Parallel attachment for connecting 3- and 4-pole switches. The switches work simultaneously.				
6-pole switches				
OS Mini	Two 3-pole switches needed		OWP6DS1	
6-pole switches				
OS Mini	Two 4-pole switches needed		OWP6DS2	
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 switches needed	45+(0-13)x15	OESAZW2	
OS315-400		60+(0-19)x20	OETLZW9	
Change-over switch mechanism Two switches connected with a mechanism operating into I-O-II positions.				
OS Mini	Two 3-pole switches needed		OWC6DSH1	
	Two 4-pole switches needed		OWC6DSH2	
OS32G-250	Two 3- or 4-pole switches needed	210+(0 - 18)x20	OTZW25	
OS315-400		210+(0 - 11)x20	OETLZW11	
		210+(0 - 20)x20	OETLZW12	
By-pass switch mechanism A combination of two switches in parallel with a third switch for change-over operation to pass- by, for example, a breaker for maintenance. The by-pass attachment can be used together with another combination attachment.				
OS32G - 250	Three 3- or 4-pole switches needed	Between 1 and 2: 210+(0 - 9)x20 Between 1 and 3: 250+(0 - 9)x20	OTZW26	
OS315-400		Between 1 and 2: 210+(0 - 18)x20 Between 1 and 3: 250+(0 - 18)x20	OETLZW13	
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 switches needed		OWM6DS1	
	Two 4-pole switches needed		OWM6DS2	
OS32G-250	Two 3- or 4-pole witches needed	190	OTZW10	
OS315-800		250	OETLZW14	
OS315-800		300	OETLZW3	
OS315-1250		500	OETLZW15	

Switch fuses accessories

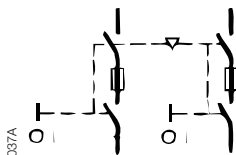
Conversion kits & locks



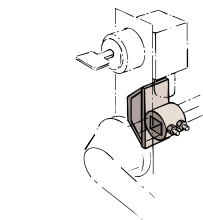
Change-over switches



By-pass switches



Mechanical interlock



OETLZW5

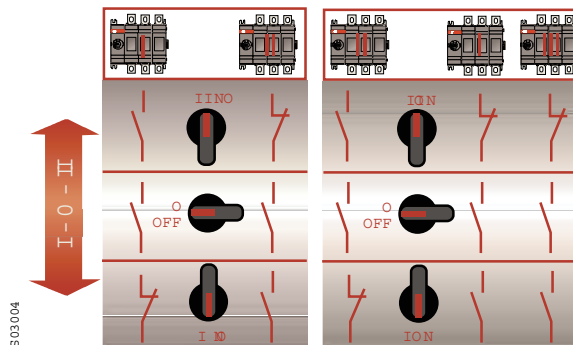


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The shafts and handles for conversion kits

Conversion kit type	To be ordered separately		Included in the conversion kit delivery		The standard handle or shaft of one of the combined switches can be used	
	Shaft	Handle	Shaft	Handle	Shaft	Handle
6 and 8-pole switches						
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	-	-
By-pass 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

The functional diagram



Change-over switch

By-pass switch

Cam attachment

Suitable for switches

OS16 ... 250

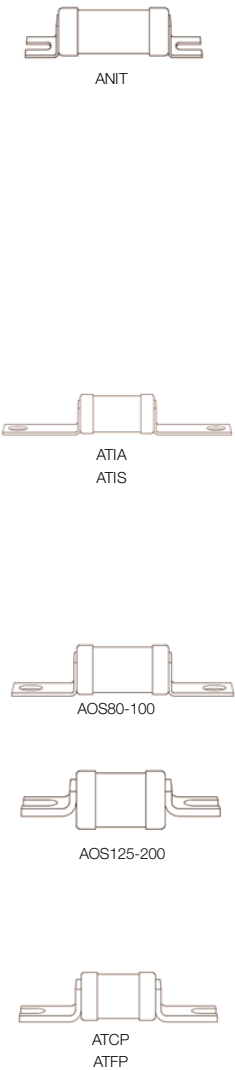
OS 315 ... 1250

Product Hierarchy 2300001

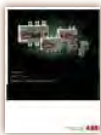
Order Code	Price
OELTZW16	
OELTZW5	

Switch fuses

BS 88 fuses



Fuse Size	Product Hierarchy 2000002	
	Order Code	Price
2A A1 fuselink	ANIT2	
4A A1 fuselink	ANIT4	
6A A1 fuselink	ANIT6	
10A A1 fuselink	ANIT10	
16A A1 fuselink	ANIT16	
20A A1 fuselink	ANIT20	
25A fuselink	ANIT25	
32A fuselink	ANIT32	
2A A2 fuselink	ATIA2	
4A A2 fuselink	ATIA4	
6A A2 fuselink	ATIA6	
10A A2 fuselink	ATIA10	
16A A2 fuselink	ATIA16	
20A A2 fuselink	ATIA20	
25A A2 fuselink	ATIA25	
32A A2 fuselink	ATIA32	
35A A3 fuselink	ATIS35	
40A A3 fuselink	ATIS40	
50A A3 fuselink	ATIS50	
63A A3 fuselink	ATIS63	
80A fuselink	AOS80	
100A fuselink	AOS100	
125A fuselink	AOS125	
160A fuselink	AOS160	
200A fuselink	AOS200	
80A A4 fuselink	ATCP80	
100A A4 fuselink	ATCP100	
125A fuselink	ATFP125	
160A fuselink	ATFP160	
200A fuselink	ATFP200	

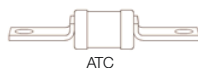


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Switch fuses

BS 88 fuses



ATC

4



ATF
ATKF
ATMF
ATKM

Fuse Size	Product Hierarchy 2000002	
	Order Code	Price
80A B1 fuselink	ATC80	
100A B1 fuselink	ATC100	
125A B2 fuselink	ATF125	
160A B2 fuselink	ATF160	
200A B2 fuselink	ATF200	
250A B3 fuselink	ATKF250	
315A B3 fuselink	ATKF315	
355A B4 fuselink	ATMF355	
400A B4 fuselink	ATMF400	
450A Fuselink Fixing Centre: 111	ATMF450	
500A Fuselink Fixing Centre: 111	ATMF500	
560A Fuselink Fixing Centre: 111	ATMF560	
630A Fuselink Fixing Centre: 111	ATMF630	
250A fuselink	ATKM250	
315A fuselink	ATKM315	
355A C1 fuselink	ATM355	
400A C1 fuselink	ATM400	
450A C2 fuselink	ATTM450	
500A C2 fuselink	ATTM500	
630A C2 fuselink	ATTM630	
800A C3 fuselink	ATLM800	
2A F1 fuselink	ANS2	
4A F1 fuselink	ANS4	
6A F1 fuselink	ANS6	
10A F1 fuselink	ANS10	
16A F1 fuselink	ANS16	
20A F1 fuselink	ANS20	
25A F1 fuselink	ANS25	
20A F2 fuselink	AES20	
25A F2 fuselink	AES25	
32A F2 fuselink	AES32	
40A F2 fuselink	AES40	
50A F2 fuselink	AES50	
63A F2 fuselink	AES63	



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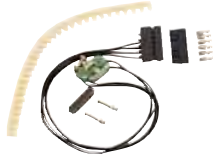
Slimline XR

Slimline switch fuses and accessories



XR Switch Fuse 3-pole - 185mm busbar distance BS - British Standard

Description	Product Hierarchy 2300001	
	Order Code	Price
XR Slimline 63A 3P	1SEP102244R3300	
XR Slimline 100A 3P	1SEP102245R3300	
XR Slimline 160A 3P	1SEP102246R3300	
XR Slimline 250A 3P	1SEP102247R3300	
XR Slimline 400A 3P	1SEP102248R3300	
XR Slimline 630A 3P	1SEP102249R3300	



Accessories		
XR 50mm Ventilated Blind Cover	1SEP408528R0001	
XR 00 Auxillary Switch 1NO	1SEP408504R0001	
XR 00 Auxillary Switch 1NC	1SEP408505R0001	
XR 1 Auxillary Switch 1NO	1SEP408506R0001	
XR 1 Auxillary Switch 1NC	1SEP408507R0001	
XR 2/3 Auxillary Switch 1NO	1SEP408508R0001	
XR 2/3 Auxillary Switch 1NC	1SEP408509R0001	
XR Single Auxillary Switch 1NO	1SEP407742R0013	
XR 63A - 160A 3P Shroud Size 0	1SEP408496R0001	
XR 250A 3P Shroud Size 1	1SEP408497R0001	
XR 400A/630A Shroud Size 2/3	1SEP408498R0001	

4

XR-E Switch fuse 4-pole - 185mm busbar distance BS - British Standard



Type designation	Product Hierarchy 2300001	
	Order Code	Price
160A BS 185mm 4 Pole AC23B	1SEP102246R3400	
250A BS 185mm 4 Pole AC23B	1SEP102247R3400	
400A BS 185mm 4 Pole AC23B	1SEP102248R3400	
630A BS 185mm 4 Pole AC23B	1SEP102249R3400	

Accessories		
63A - 160A Terminal Extension 3 pieces	1SEP408523R0001	
250A Terminal Extension 3 pieces	1SEP408525R0001	
4Pole Cable Shroud Size SR00-3	1SEP407775R0001	
SRM Busbar Support	NHP 343139P0001	



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Cam switches

Front mounted



4

Screw mounting also available.

All switches available without an escutcheon & with a round front ring only, call sales for details or visit cam web design platform <https://a.saleconfigurator.com>.

Description	Product Hierarchy 4000003	
	Order Code	Price
10A 1P 0-1 Mini Cam Switch	OMA1PB	
10A 2P 0-1 Mini Cam Switch	OMA2PB	
10A 3P 0-1 Mini Cam Switch	OMA3PB	
25A 2P 0-1 Mini Cam Switch	ONA2PB	
25A 3P 0-1 Mini Cam Switch	ONA3PB	
25A 1P On-Off switch, round front ring	ONA1XB	
25A 2P On-Off switch, round front ring	ONA2XB	
25A 3P On-Off switch, round front ring	ONA3XB	
10A 1P 0-1 Mini Key Op Cam Switch	OMA1KB	
10A 3P 0-1 Mini Key Op Cam Switch	OMA3KB	
25A 3P Key Op C/O Cam switch, 1-0-2	ONU3KB	
25A 1P C/O Cam sw/ rnd frnt rng, 1-2	ONWS1XB	
25A 2P C/O Cam sw/ rnd frnt rng, 1-2	ONWS2XB	
25A 3P C/O Cam sw/ rnd frnt rng, 1-2	ONWS3XB	
10A 1P 1-0-2 Mini Changeover Cam switch	OMU1PB	
10A 2P 1-0-2 Mini Changeover Cam switch	OMU2PB	
10A 3P 1-0-2 Mini Changeover Cam switch	OMU3PB	
25A 1P 1-0-2 Mini Changeover Cam switch	ONU1PB	
25A 2P 1-0-2 Mini Changeover Cam switch	ONU2PB	
25A 3P 1-0-2 Mini Changeover Cam switch	ONU3PB	
10A 1P 1-2 Mini Changeover Cam switch	OMWS1PB	
10A 3P 1-2 Mini Changeover Cam switch	OMWS3PB	
10A 2P 1-2 Mini Changeover Cam switch	ONWS2PB	
10A 3P 1-2 Mini Changeover Cam switch	ONWS3PB	
25A 1P Key Op C/O Cam switch, 1-0-2	ONU1KB	
10A 1P, 2 Step, Multistep Switch 0-1-2	OMSO21PB	
10A 1P, 3 Step, Multistep Switch 0-1-2-3	OMSO31PB	
10A 2P, 3 Step, Multistep Switch 0-1-2-3	OMSO32PB	
25A 1P, 2 Step, Multistep Switch 0-1-2	ONSO21PB	
25A 2P, 2 Step, Multistep Switch 0-1-2	ONSO22PB	
25A 3P, 2 Step, Multistep Switch 0-1-2	ONSO23PB	
25A 2P, 3 Step, Multistep Switch 0-1-2-3	ONSO32PB	
25A 3P, 3 Step, Multistep Switch 0-1-2-3	ONSO33PB	
25A 1P 4 Step Multistep Switch 1-2-3	ONSO41PB	
25A 2P 4 Step Multistep Switch 1-2-3	ONSO42PB	
25A 2P IP65 Enc 0-1 Cam Switch	ONA2EPB	
25A 3P IP65 Enc 0-1 Cam Switch	ONA3EPB	



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