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With effect from 16<sup>th</sup> March 2016

# Electrification Products Price List (₹)

# Switches

1

**ABB has a wide portfolio of low voltage switches. They are suitable for diverse applications, in motor control centers, in switch boards and as main switches in various equipments and machines. From single to 8 poles and combination switches for change-over, automatic transfer, bypass, reversing etc.**

## **Switch-disconnectors 16 – 4000 A**

The switch disconnector is largely used as the main switch in low voltage switchgears for distribution of power, starting and stopping motors and isolating loads during maintenance.

The range from 16 to 125 Amps are either base plate or door mounted by snap-on or screw fitting front operated 3, 4, 6 and 8-pole are available as standard.

From 160 to 4000 Amps the switch disconnectors, also called load break switches, are designed as pole modules and they are available as 1, 2, 3 and 4-pole versions, front or side operated.

## **Switch Disconnector fuses 16 – 1250A**

The switch disconnector fuse is used as the main switch in low voltage switchgears in industry for distributing power and protecting motors, cables and other devices against short circuits and over loads.

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

The range includes single pole to four pole versions, front- or side-operated. The pole module design enables location of the operating mechanism in any position together with the direction of the terminals giving flexibility to installation in different types of cubicle designs.

## **Change-over and transfer switches 16 – 3200 A**

ABB's change-over and transfer switches are designed to

transfer loads from one power source to another in a wide variety of applications.

The range includes switches from 16 to 3200 Amperes, which can be operated manually, remotely by using a motor or automatically.

ABB's change-over and transfer switches are tested according to IEC 60947-6-1 and IEC 60947-3 standards. The switches have ratings in AC31 and AC33 utilization categories, up to 415 V. In motorized switches, the motor operators have a wide voltage operation range.

## **Enclosed switches.16 – 1600 A**

The ABB enclosed switches are suitable for power distribution in factories and buildings, as local motor isolators and as main switches. Each incoming supply shall be provided with a hand operated main switch-disconnector according to the Machine Directive EN 60204 and isolate reliably the electrical equipment from the supply. ABB enclosed switches are designed and tested to meet these requirements and complies with IEC 60947-3.

The enclosed switches are easy to install and safe to use in industrial, public and residential environments. The indication of the handle is always reliable and lockable in the OFF-position with a standard padlock. ABB's long experience in switch disconnects guarantees a long and safe use

## **Cam switches 10 – 315 A**

ABB's new OC, OM, ON and OL rotary cam switches offer a complete range of cam switches for control, instrumentation and motor starting applications, maximizing the benefits and optimizing your use of assets. The standard cam switches provide you with a variety of functionalities for the most common mounting types and applications with minimum footprint area.



# DC switch disconnectors for PV application

1



## OTDC 10...32A

- Modular Design.
- Simple and fast installation
- DIN rail or screw mounted
- Tunnel terminals for easy termination
- Shortcircuit bars are pre-installed as standard.
- Maximum energy efficiency.
- Available in plastic enclosure.



## OTDC 100A....1600A

- ABB offers a compact DC switch range for single and multi circuit disconnecting
- Carefully designed arc plates and dual magnetic breaking, breaking power is optimized across the entire current range.
- As a result of symmetric pole design, the connections are independent of polarity. The user can make the connections in both ways.
- OTDC is the only DC switch in the market that has visible contacts.
- The mechanism can be located between the poles or on the side of the switch.
- Special four pole versions can be made for double circuit applications
- The operation of the switch is not vulnerable to voltage peaks and it is independent of the user (quick make quick break).
- The switches are available in direct mounting handle version as well as external door mounted handle version
- The power losses are very low, results in high efficiency.

Rated current In (A)	Rated Voltage	Description	Ordering Code	L.P. (₹)
10	1000 V DC	OTDC16F2	1SCA121454R1001	Upon Request
16		OTDC16F3	1SCA121457R1001	
25		OTDC25F3	1SCA121458R1001	
32		OTDC32F3	1SCA121459R1001	
100		OTDC100E11K	1SCA127730R1001	
160		OTDC160E11K	1SCA127736R1001	
200		OTDC200E11K	1SCA127739R1001	
250		OTDC250E11K	1SCA127742R1001	
315		OTDC315E11K	1SCA131682R1001	
400		OTDC400E11K	1SCA131683R1001	
500		OTDC500E11K	1SCA132134R1001	
630		OTDC630EPP22K	1SCA137209R1001	
800		OTDC800EPP22K	1SCA137212R1001	
1000		OTDC1000E22K	1SCA143710R1001	
1250		OTDC1250E22K	1SCA143716R1001	
1600		OTDC1600E22K	1SCA143719R1001	
315	1500 V DC	OTDC315EV12K	1SCA132259R1001	Upon Request
400		OTDC400EV12K	1SCA132254R1001	
500		OTDC500EV12K	1SCA132255R1001	

Note: The above are direct mounted handle version, we also offer door mounted handle as suffix P version of same ratings.

\*For information contact our nearest sales office



# OFAF HRC fuse links and base, DIN-type

## DIN -type fuse links, gG, 500 V, 80 kA

The ordering code includes one fuse link, the delivery batch is according to the column.

Fuse size	Rated current In (A)	Description	Delivery batch [pcs]	Ordering Code	L.P. (₹)
000	2	OFAFN000GG2	6	1SCA107747R1001	200
	6	OFAFN000GG6	6	1SCA107748R1001	
	10	OFAFN000GG10	6	1SCA107749R1001	
	16	OFAFN000GG16	6	1SCA107750R1001	
	20	OFAFN000GG20	6	1SCA107751R1001	
	25	OFAFN000GG25	6	1SCA107751R1002	
	32	OFAFN000GG32	6	1SCA107752R1001 ■	
00	63	OFAFN000GG63	6	1SCA107753R1001 ■	460
	6	OFAFN00GG6	6	1SCA107754R1001	
	10	OFAFN00GG10	6	1SCA107755R1001	
	16	OFAFN00GG16	6	1SCA107756R1001	
	20	OFAFN00GG20	6	1SCA107757R1001	
	25	OFAFN00GG25	6	1SCA107758R1001	
	32	OFAFN00GG32	6	1SCA107759R1001	
	50	OFAFN00GG50	6	1SCA107760R1001	
	63	OFAFN00GG63	6	1SCA107761R1001	
	80	OFAFN00GG80	6	1SCA107762R1001	
0	100	OFAFN00GG100	6	1SCA107763R1001	890
	125	OFAFN00GG125	6	1SCA107764R1001 ■	
	160	OFAFN00GG160	6	1SCA107765R1001 ■	
	160	OFAFH0160 <sup>1</sup>	3	1SCA022627R3170	
	200	OFAFH0200 <sup>1</sup>	3	1SCA022629R5140 ■	
	32	OFAFN1GG32	6	1SCA107766R1001	
	50	OFAFN1GG50	6	1SCA107767R1001	670
1	63	OFAFN1GG63	6	1SCA107768R1001	
	80	OFAFN1GG80	6	1SCA107769R1001	
	100	OFAFN1GG100	6	1SCA107770R1001	
	125	OFAFN1GG125	6	1SCA107771R1001	
	160	OFAFN1GG160	6	1SCA107772R1001	
	200	OFAFN1GG200	3	1SCA107773R1001	
	250	OFAFN1GG250	3	1SCA107774R1001 ■	980
2	100	OFAFN2GG100	3	1SCA107775R1001	
	125	OFAFN2GG125	3	1SCA107776R1001	
	250	OFAFN2GG250	3	1SCA107778R1001	
	315	OFAFN2GG315	3	1SCA107779R1001	
	400	OFAFN2GG400	3	1SCA107780R1001 ■	1,520
3	315	OFAFN3GG315	3	1SCA107781R1001	
	500	OFAFN3GG500	3	1SCA107783R1001	
	630	OFAFN3GG630	3	1SCA107784R1001	
	800	OFAFN3GG800	3	1SCA107785R1001	

**Note:** Contact our nearest sales office

\*For requirement of DIN type 500V 120kA and 690V 80kA.

\*For size 4 / 4A (400-1250A) and size 5(1250, 1600A)

<sup>1</sup>120kA, 500V

## Din type fuse bases

Fuse size	Rated current In (A)	Description	Ordering Code	L.P. (₹)
00	160	Fuse Base - Din type	1SCA833001R2001 ■	380
1	250		1SCA833001R2002 ■	760
2	400		1SCA833001R2003 ■	1,300
3	630		1SCA833001R2004 ■	1,730



■ Stock items

# OFF HRC fuse links and base, BS-type

## BS -type fuse links, gG, 415 V, 80 kA

The type code includes one fuse link, but the delivery batch is according to the column.



Fuse size	Rated current In [A]	Description	Delivery batch [pcs]	L.P. (₹)	Delivery batch [pcs]
<b>Offset blade tag fuse link</b>					
F1	2	OFFNF1GG2	10	1SCA107786R1001	60
	4	OFFNF1GG4	10	1SCA107787R1001	
	6	OFFNF1GG6	10	1SCA107788R1001	
	10	OFFNF1GG10	10	1SCA107789R1001	
	16	OFFNF1GG16	10	1SCA107790R1001	
	20	OFFNF1GG20	10	1SCA107791R1001 ■	70
	25	OFFNF1GG25	10	1SCA107792R1001	
	32	OFFNF1GG32	10	1SCA107793R1001 ■	
<b>Offset bolted tag fuse link</b>					
A2	6	OFFNA2GG6	10	1SCA107795R1001	90
	10	OFFNA2GG10	10	1SCA107796R1001	
	16	OFFNA2GG16	10	1SCA107798R1001	
	20	OFFNA2GG20	10	1SCA107827R1001	
	25	OFFNA2GG25	10	1SCA107800R1001	
A3	32	OFFNA2GG32	10	1SCA107801R1001 ■	120
	40	OFFNA3GG40	10	1SCA107803R1001	
	50	OFFNA3GG50	10	1SCA107804R1001	
A4	63	OFFNA3GG63	10	1SCA107805R1001 ■	250
	50	OFFNA4GG50	10	1SCA107806R1001	
	63	OFFNA4GG63	10	1SCA107807R1001	
	80	OFFNA4GG80	10	1SCA107808R1001	
	100	OFFNA4GG100	10	1SCA107809R1001	
	125	OFFNA4GG125	10	1SCA107810R1001 ■	
<b>Central bolted tag fuse link</b>					
B1	50	OFFNB1GG50	10	1SCA107811R1001	300
	63	OFFNB1GG63	10	1SCA107812R1001	
	80	OFFNB1GG80	10	1SCA107813R1001	
	100	OFFNB1GG100	10	1SCA107814R1001	
B2	125	OFFNB2GG125	10	1SCA107816R1001	450
	160	OFFNB2GG160	5	1SCA107817R1001	
	200	OFFNB2GG200	5	1SCA107818R1001 ■	
B3	250	OFFNB3GG250	1	1SCA107819R1001 ■	650
	315	OFFNB3GG315	1	1SCA107820R1001	690
B4	400	OFFNB4GG400	1	1SCA107822R1001	1,140
C1	400	OFFNC1GG400	1	1SCA107823R1001	1,730
C2	500	OFFNC2GG500	1	1SCA107824R1001	1,950
C2	630	OFFNC2GG630	1	1SCA107825R1001	1,950
C3	800	OFFNC3GG800	1	1SCA107826R1001	2,490



## BS type fuse bases

Fuse size	Rated current In [A]	Description	Delivery batch [pcs]	Ordering Code	L.P. (₹)
F1	20	Control Fuse Base	100	1SYN833001R2005 ■	130
	32		100	1SYN833001R2009 ■	160

# OESA/OS switch disconnecter fuse, DIN-type

## DIN type

32 - 800A SDF supplied with shaft and IP65 handle

### Mechanism at the end of the switch fuse

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Rated current In [A]	Poles	Recommend Fuse size	Description	Ordering code	L.P. (₹)
32	2	000/ 00	OESA0032D2	1SCA022108R4330	2,020
63			OESA0063D2	1SCA022080R5470	2,530
100		00	OESA00100D2	1SCA022080R5210	4,880
125			OESA125D2	1SYN833039R2012	6,530
160		0	OESA00160D2	1SCA022108R4500	6,980
200			OS200D02P	1SCA022759R9220	9,000
250		0-1	OS250D02P	1SCA022760R0170	11,200
315		0-2	OS315D02P	1SYN833040R2012	14,880
400			OS400D02P	1SCA022811R2740	16,710
630		3	OS630D02P	1SCA107745R1001	28,460
800			OS800D02P	1SCA022837R2650	32,300
32	3	000/ 00	OESA00-32	1SCA022058R7710	2,220
63			OESA 00-63	1SCA022057R6850	3,060
100		00	OESA00 100	1SCA022025R7830	5,890
125			OESA 00125	OESA00125 ■	7,890
160		0	OESA00-160	1SCA022077R8130 ■	8,440
200			OS200D03P	1SYN022709R9500 ■	10,880
250		0-1	OS250D03P	1SYN022719R0090	13,550
315		0-2	OS315D03P	1SYN953046P3001	17,990
400			OS400D03P	1SYN022719R0250	20,210
630		3	OS630D03P	1SYN022825R2830 ■	34,410
800			OS800D03P	1SYN022825R4880	36,630
32	TPN	000/ 00	OESA0032N	OESA0032N ■	2,340
63			OESA0063N	OESA0063N ■	3,170
100		00	OESA00100N	OESA00100N	6,220
125			OESA00125N	OESA00125N ■	8,330
160		0	OESA00160N	OESA00160N	9,330
200			OS200D03N3P	1SYN022749R8710 ■	11,770
250		0-1	OS250D03N3P	1SYN022749R9430	14,210
315		0-2	OS315D03N3P	1SYN953047P3001	19,100
400			OS400D03N3P	1SYN022753R9320 ■	21,090
630		3	OS630D03N3P	1SYN100858R1001 ■	34,970
800			OS800D03N3P	1SYN100859R1001	37,740
32	4	000/ 00	OESA 00-32A4	1SCA022067R7610	2,560
63			OESA 00-63A4	1SCA022057R7740	3,330
100		00	OESA00100A4	1SCA022043R6760	6,440
125			OESA00125A4	OESA00125A4	8,880
160		0	OESA 00-160A4	1SCA022080R7840	9,990
200			OS200D04N2P	1SYN022709R9680	12,880
250		0-1	OS250D04N2P	1SYN022719R2380	15,100
315		0-2	OS315D04N2P	1SYN953048P3001	21,650
400			OS400D04N2P	1SYN022719R2460	23,310
630		3	OS630D04N2P	1SYN022825R4290	37,300
800			OS800D04N2P	1SYN022825R5180	42,740

Notes:

4<sup>th</sup> pole of all SFU's are 100% rated and are in the switched neutral (SN) version.

Contact our nearest sales office

- For 1250A Switch disconnecter fuse requirement
- For mechanism inbetween poles configuration
- For Motorized Switch disconnecter fuse requirement
- For 4th pole with fuse protection
- For Switch disconnecter fuse with direct mounting handle

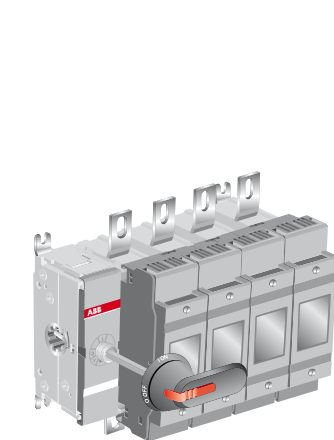
■ Stock items

# OESA/OS switch disconnecter fuse, BS-type

## BS

32 - 800A SDF supplied with shaft and IP65 handle

### Mechanism at the end of the switch fuse



Rated current In [A]	Poles	Recommend Fuse size	Description	Ordering code	L.P. (₹)
32	2	A2	OESA32G2	1SCA022108R6110	1,800
63		A3	OESA63G2	1SCA022108R6380	2,450
100		A4	OESA100G2	1SCA022087R7970	4,780
125			OESA125G2	1SYN833038R2012	6,060
160		B2	OESA160B2	1SCA022082R6550	6,610
200		B1-B2	OS200B02P	1SCA022769R7820	8,000
250		B1-B3	OS250B02P	1SCA022769R9440	10,200
315		B1-B4	OS315B02P	1SCA022817R3450	14,790
400			OS400B02P	1SCA022813R7220	15,060
630		C1-C2	OS630B02P	1SCA113529R1001	26,170
800		C1-C3	OS800B02P	1SCA022837R6480	31,220
32	3	A2	OESA32G1	1SCA022057R1540	2,170
63		A3	OESA63G1	1SCA022057R0310 ■	2,950
100		A4	OESA100G1	1SCA022042R0920 ■	5,780
125			OESA125G1	OESA125G1	7,330
160		B2	OESA160B3	1SCA022076R9570	8,000
200		B1-B2	OS200B03P	1SYN022709R9330	9,660
250		B1-B3	OS250B03P	1SYN022750R6660	12,330
315		B1-B4	OS315B03P	1SYN022719R0680	17,880
400			OS400B03P	1SYN022719R0840	18,210
630		C1-C2	OS630B03P	1SYN022825R5850	31,640
800		C1-C3	OS800B03P	1SYN022825R7550	37,740
32	TPN	A2	OESA32G1N	OESA32G1N ■	2,280
63		A3	OESA63G1N	OESA63G1N ■	3,060
100		A4	OESA100G1N	OESA100G1N ■	6,110
125			OESA125G1N	OESA125G1N ■	7,550
160		B2	OESA160B3N	OESA160B3N	8,220
200		B1-B2	OS200B03N3P	1SYN022750R0620 ■	10,330
250		B1-B3	OS250B03N3P	1SYN022750R8010 ■	13,320
315		B1-B4	OS315B03N3P	1SYN022753R8940	18,320
400			OS400B03N3P	1SYN022753R9160	19,210
630		C1-C2	OS630B03N3P	1SYN100860R1001	32,190
800		C1-C3	OS800B03N3P	1SYN100861R1001	37,970
32	4	A2	OESA32G4	1SCA022059R9040	2,610
63		A3	OESA63G4	1SCA022057R1110	3,330
100		A4	OESA100G4	1SCA022043R7570	7,220
125			OESA125G4	OESA125G4	8,880
160		B2	OESA160B4	1SCA022080R3690	9,990
200		B1-B2	OS200B04N2P	1SYN022709R9410	12,990
250		B1-B3	OS250B04N2P	1SYN022750R7800	15,320
315		B1-B4	OS315B04N2P	1SYN022719R2710	21,980
400			OS400B04N2P	1SYN022719R2890	22,200
630		C1-C2	OS630B04N2P	1SYN022825R6230	38,300
800		C1-C3	OS800B04N2P	1SYN022825R8010	43,850

Note:  
4<sup>th</sup> pole of all SFU's are 100% rated and are in the switched neutral (SN) version.

- Contact our nearest sales office
- For 1250A Switch disconnecter fuse requirement
  - For mechanism inbetween poles configuration
  - For Motorized Switch disconnecter fuse requirement
  - For 4th pole with fuse protection

■ Stock items

# Accessories for OESA/OS switch disconnecter fuse, 32..800 A

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## Phase barriers

Frame	Pole	Height (mm)	Description	Ordering code	L.P. (₹)
OS200...400	3	100	PB100 low	1SDA054970R1	580
	4	100	PB100 low	1SDA054971R1	840

## Mechanical interlock mechanism

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

Frame	Remarks	Shaft distance [mm]	Description	Ordering code	L.P. (₹)
OS200-250	Two 3- or 4-pole switches needed	190	OTZW10	1SCA022431R5280	2,240
OS315-800		250	OETLZW14	1SCA022077R3410	5,720
OS315-800		300	OETLZW3	1SCA022049R0380	5,990
OS315-800		500	OETLZW15	1SCA022081R9340	6,650

## Auxiliary contacts

Frame	Contact function	Description	Ordering Code	L.P. (₹)
OESA 32...160	1NO+1NC	OESAZX 15	OESAZX 15 ■	470
	2NO+2NC	OESAZX 16	OESAZX 16 ■	920
OS200...800	1NO	OA1G10	1SCA022353R4970 ■	490
	1NC	OA3G01	1SCA022456R7410 ■	490
Screw mounting to the left side of the switch		OEA28	1SCA022714R8810 ■	650

Note: OEA 28 has to be order along with 200 & 250A TPN switch only

## Fuse monitor

Frame	Rated voltage [Vac]	Description	Ordering code	L.P. (₹)
OS200...800	100...260	OFS260	1SCA022716R0180	6,830
	380...690	OFS690	1SCA022715R9920	7,000

## Wrapped neutral link

Frame	Description	Ordering Code	L.P. (₹)
OESA32...63	OESAZX87	OESAZX 87	420
OESA100	OESAZX 86/1	OESAZX 86 / 1	770
OESA125...160	OESAZX86	OESAZX 86	840
OSA200...250	OXN250	1SCA022752R9950	3,890
OSA315...400	OXN400	1SCA022770R3060	10,170
OSA630...800	OXN800S	1SCA022831R4880	11,660

## Handles

Frame	Description	Ordering code	L.P. (₹)
OESA32...63	YASDB51	YASDB 51 ■	700
OESA100...160	YASDB10	YASDB 10 ■	1,060
OS200...250	OHB80J6	1SCA022381R0240 ■	1,450
OS315...400	OHB145J12	1SCA022381R2110 ■	1,780
OS630...800	OHB175J12	1SCA022381R2450 ■	2,110

## Shaft

Frame	Description	Ordering code	L.P. (₹)
OESA/OS32...250	OXP6X210	1SCA022295R6080 ■	360
OS315...400	OXP12X250	1SCA022325R6980 ■	730
OS630...800	OXP12X280	1SCA022137R5140 ■	950

## Fuse covers for OESA switch disconnecter fuse

Frame	Type	Description	Ordering code	L.P. (₹)
32...63	DIN	Fuse cover	1SYN833035R2012 ■	60
32...63	BS		1SYN833036R2012 ■	60
100...160	DIN		1SYN833037R2012 ■	70

Note: Ordering code mentioned above for fuse cover is per piece

■ Stock items



# OT switch disconnectors

## Front operated switch-disconnectors

OT 16-3150A switch disconnector supplied with extended shaft and IP 65 pistol type handle



Contact our nearest sales office

- For Door mounted switch disconnector
- For different configuration of Shaft and Handle(selector type)
- For 6 & 8pole switch disconnector requirement

Rated current In [A]	Poles	Description	Ordering code	L.P. (₹)
16	3	OT16F3	1SYN104811R1001	2,160
25		OT25F3	1SYN104857R1001	2,200
40		OT40F3	1SYN104902R1001	2,250
63		OT63F3	1SYN105332R1001	2,290
80		OT80F3	1SYN105798R1001	3,700
100		OT100F3	1SYN105004R1001	4,930
125	4	OT125F3	1SYN105033R1001	5,020
16		OT16F4N2	1SYN104829R1001	2,340
25		OT25F4N2	1SYN104886R1001	2,420
40		OT40F4N2	1SYN104932R1001	2,470
63		OT63F4N2	1SYN105365R1001	2,820
80		OT80F4N2	1SYN105413R1001	4,840
100	4	OT100F4N2	1SYN105018R1001	5,110
125		OT125F4N2	1SYN105051R1001	5,280

160	NEW 2	OT160EV02P	1SCA120508R1001	6,020
200		OT200E02P	1SCA022751R1400	6,740
250		OT250E02P	1SCA022735R2500	8,320
315		OT315E02P	1SCA022866R5590	9,110
400		OT400E02P	1SCA022741R7210	12,280
630		OT630E02P	1SCA022866R5670	15,400
800		OT800E02P	1SCA022835R4830	19,010
1000		OT1000E02P	1SCA105795R1001	39,600
1250		OT1250E02P	1SCA106136R1001	47,520
1600		OT1600E02P	1SCA106142R1001	63,360
2000		OT2000E02P	1SCA120025R1001	79,200
2500		OT2500E02P	1SCA113956R1001	99,000
3200		OT3200E02P	1SCA128581R1001	1,42,560
4000		OT4000E02P	1SCA128595R1001	1,66,320
160	3	OT160EV03P	1SCA120514R1001	6,690
200		OT200E03P	1SCA022712R0800	7,480
250		OT250E03P	1SCA022710R0100	9,240
315		OT315E03P	1SCA022718R8510	10,120
400		OT400E03P	1SCA022718R8780	13,640
630		OT630E03P	1SCA022718R8940	16,900
800		OT800E03P	1SCA022718R9410	21,120
1000		OT1000E03P	1SCA022860R5930	41,360
1250		OT1250E03P	1SCA022860R6230	52,800
1600		OT1600E03P	1SCA022860R6580	70,400
2000		OT2000E03P	1SCA108036R1001	86,240
2500		OT2500E03P	1SCA104972R1001	1,10,000
3200		OT3200E03P	1SCA128481R1001	1,58,400
4000		OT4000E03P	1SCA12484R1001	1,84,800
160	4	OT160EV04P	1SCA120521R1001	9,240
200		OT200E04P	1SCA022713R4930	9,420
250		OT250E04P	1SCA022710R0520	10,560
315		OT315E04P	1SCA022719R1730	11,440
400		OT400E04P	1SCA022719R1810	14,700
630		OT630E04P	1SCA022719R2030	20,070
800		OT800E04P	1SCA022719R2110	24,200
1000		OT1000E04P	1SCA022860R6150	54,560
1250		OT1250E04P	1SCA022860R6310	68,640
1600		OT1600E04P	1SCA022860R6740	88,000
2000		OT2000E04P	1SCA108038R1001	1,03,840
2500		OT2500E04P	1SCA105140R1001	1,27,600
3200		OT3200E04P	1SCA128482R1001	1,71,600
4000		OT4000E04P	1SCA124856R1001	1,93,600

Note:

Contact our nearest sales office

- For requirement of Motorized isolators
- For mechanism in between poles configuration
- For switch disconnector with direct mounted handle
- For Side operated switches

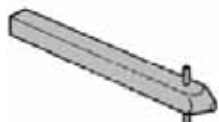
# Accessories for OT switch disconnectors

1



## Handles

Frame	Description	Ordering code	L.P. (₹)
OT16...125	OHB45J6	1SCA022380R8770 ■	840
OT160...250	OHB65J6	1SCA022380R9660	1,150
OT315...400	OHB95J12	1SCA022381R0830	1,320
OT630...800	OHB125J12	1SCA022381R1560	1,410
OT1000...4000	OHB274J12	1SCA115920R1001	4,050



## Shaft

Frame	Description	Ordering code	L.P. (₹)
OT16...125	EXP6X170	1SCA108224R1001 ■	270
OT160...250	EXP6X210	1SCA022295R6080	290
OT315...800	EXP12X185	1SCA022325R6710	580
OT1000...4000	EXP12X280	1SCA022137R5140	750



## Auxiliary contact

Frame	Contact function	Description	Ordering code	L.P. (₹)
OT16...4000	1NO	OA1G10	1SCA022353R4970 ■	490
OT16...125	1NC	OA1G01	1SCA022353R4890 ■	490
OT160EV...4000	1NC	OA3G01	1SCA022456R7410 ■	650



## Phase barrier

Frame	Poles	Description	Ordering code	L.P. (₹)
OT160...OT800	3	PB100 low	1SDA054970R1	580
OT160...OT800	4	PB100 low	1SDA054971R1	840
OT1000...2500	3 & 4	OTB1600/6	1SCA100768R1001	3,660
OT3200...4000	3 & 4	OTB4000/6	1SCA129040R1001	3,700



## Mechanical interlock mechanism

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

Frame	Shaft distance [mm]	Description	Ordering code	L.P. (₹)
OT16...125	100	OTZW24	1SCA022639R5610	1,850
OT160...250	190	OTZW10	1SCA022431R5280	2,240
OT315...400	250	OETLZW14	1SCA022077R3410	5,720
OT315...800	300	OETLZW3	1SCA022049R0380	5,990
OT315...4000	500	OETLZW15	1SCA022081R9340	6,650



## Terminal shrouds snap-on mounting, transparent

For 3-pole switches

Frame	Description	Ordering code	L.P. (₹)
OT 16...40F3	OTS40T3	1SCA105317R1001	310
OT63...80F3	OTS63T3	1SCA022353R6750	220
OT 100...125F3	OTS125T3	1SCA022379R9680	460

Note:

for requirement of terminal shrouds for higher current rating contact our nearest sales office

# OT manual changeover switches

## Manual changeover switches, I-O-II -operation

Supplied with extended shaft and IP 65 pistol type handle



Rated current In [A]	Poles	Description	Ordering code	L.P. (₹)
16	3	OT16F3C	1SYN104816R1001	3,350
25		OT25F3C	1SYN104863R1001	4,230
40		OT40F3C	1SYN104913R1001	4,580
63		OT63F3C	1SYN105338R1001	5,990
80		OT80F3C	1SYN105402R1001	6,600
100		OT100F3C	1SYN105008R1001	8,800
125		OT125F3C	1SYN105037R1001	9,240
16		4	OT16F4C	1SYN104831R1001
25	OT25F4C		1SYN104877R1001	4,400
40	OT40F4C		1SYN104934R1001	4,840
63	OT63F4C		1SYN105369R1001 ■	6,780
80	OT80F4C		1SYN105418R1001	7,130
100	OT100F4C		1SYN105019R1001 ■	10,480
125	OT125F4C		1SYN105054R1001	10,740
Supplied with bridging bars, extended shaft and IP 65 pistol type handle				
160	3	OT160E03CP	1SYN022772R6510	12,760
200		OT200E03CP	1SYN022771R7520	13,200
250		OT250E03CP	1SYN022771R3450	15,840
315		OT315E03CP	1SYN022772R6780	19,360
400		OT400E03CP	1SYN022771R8500	22,880
630		OT630E03CP	1SYN022785R6050	34,320
800		OT800E03CP	1SYN022785R6300	44,000
1000		OT1000E03CP	1SYN022872R1680	1,18,800
1250		OT1250E03CP	1SYN022872R0790	1,32,000
1600		OT1600E03CP	1SYN022872R1840	1,62,800
2000		OT2000E03CP	1SYN103908R1001	2,46,400
2500		OT2500E03CP	1SYN105615R1001	2,68,400
3200		OT3200E03CP	1SYN129156R1001	3,87,200
160	4	OT160E04CP	1SYN022775R9440	14,960
200		OT200E04CP	1SYN022771R7280 ■	15,400
250		OT250E04CP	1SYN022775R4640 ■	17,160
315		OT315E04CP	1SYN022775R7150	20,950
400		OT400E04CP	1SYN022771R8680 ■	24,640
630		OT630E04CP	1SYN022785R6130	42,240
800		OT800E04CP	1SYN022785R6210	51,040
1000		OT1000E04CP	1SYN022872R1500	1,36,400
1250		OT1250E04CP	1SYN022872R1250	1,42,560
1600		OT1600E04CP	1SYN022872R2310	1,76,000
2000		OT2000E04CP	1SYN103912R1001	3,16,800
2500		OT2500E04CP	1SYN103906R1001	3,52,000
3200		OT3200E04CP	1SYN129158R1001	4,62,000

Note:

1. For 6 pole change over
2. For manual/motorized bypass switch
3. For manual closed transition
4. For wide phase manual change over

# OT motorized changeover switches

## Changeover switches, motor operation, I-O-II -operation

Supplied with bridging bars and handle

Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)
40	3	OTM40F3CMA230V	1SYN120096R1001	27,040
63		OTM63F3CMA230V	1SYN120095R1001	28,600
80		OTM80F3CMA230V	1SYN120093R1001	31,200
100		OTM100F3CMA230V	1SYN120071R1001	32,760
125		OTM125F3CMA230V	1SYN120070R1001	33,800
160		OTM160E3CM230C	1SYN022845R8610	39,520
200		OTM200E3CM230C	1SYN022845R8960	40,040
250		OTM250E3CM230C	1SYN022845R9260	49,400
315		OTM315E3CM230C	1SYN022847R1210	49,920
400		OTM400E3CM230C	1SYN022847R1630	60,060
630		OTM630E3CM230C	1SYN103567R1001	67,600
800		OTM800E3CM230C	1SYN103570R1001	1,00,470
1000		OTM1000E3CM230C	1SYN112677R1001	1,49,760
1250		OTM1250E3CM230C	1SYN112676R1001	1,64,320
1600		OTM1600E3CM230C	1SYN112678R1001	1,97,600
2000		OTM2000E3CM230C	1SYN112709R1001	3,33,060
2500		OTM2500E3CM230C	1SYN112710R1001	3,65,820
40	4	OTM40F4CMA230V	1SYN120102R1001	29,120
63		OTM63F4CMA230V	1SYN120101R1001	30,680
80		OTM80F4CMA230V	1SYN120100R1001	32,240
100		OTM100F4CMA230V	1SYN120098R1001	33,280
125		OTM125F4CMA230V	1SYN120097R1001	35,360
160		OTM160E4CM230C	1SYN022848R1510	40,560
200		OTM200E4CM230C	1SYN022846R1590	40,770
250		OTM250E4CM230C	1SYN022846R1910	49,920
315		OTM315E4CM230C	1SYN022847R2870	50,960
400		OTM400E4CM230C	1SYN022847R3250	63,960
630		OTM630E4CM230C	1SYN022873R1990	69,160
800		OTM800E4CM230C	1SYN022872R8340	1,04,000
1000		OTM1000E4CM230C	1SYN112703R1001	1,50,800
1250		OTM1250E4CM230C	1SYN112702R1001	1,65,360
1600		OTM1600E4CM230C	1SYN112704R1001	2,02,800
2000		OTM2000E4CM230C	1SYN112712R1001	3,60,360
2500		OTM2500E4CM230C	1SYN112713R1001	3,93,120

### Note:

Motor voltage Ue 110-240 V AC/DC (OTM40...125A)

Motor voltage Ue 220-240 V AC (OTM160...2500A)

OMD control units can be purchased separately for their motorized changeover switches in order to build an ATS by themselves. Contact nearest sales office for making selection

Contact our nearest sales office

- For motor voltage Ue 110...125 V AC/DC (160A-2500A)
- For motor voltage Ue = 48V DC (160A-2500A)



# OT automatic transfer switches

## Automatic transfer switches, I - O - II operation

Supplied with bridging bars and handle



### Automatic operation, equipped with OMD300 controller unit

Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)
160	4	OTM160E4C3D230C	1SYN106305R1001	92,560
200		OTM200E4C3D230C	1SYN106309R1001	95,680
250		OTM250E4C3D230C	1SYN106313R1001	98,800
315		OTM315E4C3D230C	1SYN106317R1001	1,03,480
400		OTM400E4C3D230C	1SYN106318R1001	1,09,200
630		OTM630E4C3D230C	1SYN108726R1001	1,45,600
800		OTM800E4C3D230C	1SYN108728R1001	1,92,400
1000		OTM1000E4C3D230C	1SYN112852R1001	2,08,000
1250		OTM1250E4C3D230C	1SYN112851R1001	2,39,200
1600		OTM1600E4C3D230C	1SYN112848R1001	3,12,000



### Automatic operation, equipped with OMD800 controller unit with display

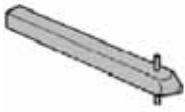
Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)
160	4	OTM160E4C8D230C	1SYN101020R1001	1,24,800
200		OTM200E4C8D230C	1SYN101021R1001	1,30,000
250		OTM250E4C8D230C	1SYN101022R1001	1,35,200
315		OTM315E4C8D230C	1SYN101063R1001	1,40,400
400		OTM400E4C8D230C	1SYN101064R1001	1,56,000
630		OTM630E4C8D230C	1SYN108453R1001	1,71,600
800		OTM800E4C8D230C	1SYN108455R1001	2,08,000
1000		OTM1000E4C8D230C	1SYN112861R1001	2,65,200
1250		OTM1250E4C8D230C	1SYN112864R1001	2,91,200
1600		OTM1600E4C8D230C	1SYN112867R1001	3,64,000

Note:

- Motor voltage Ue 220-240 V AC
- For 3 pole requirement contact the nearest sales office

# Accessories for changeovers (manual, motorized, ATS)

## Shaft



Frame	Description	Ordering code	L.P. (₹)
OT16...125F_C	EXP6x170	1SCA108224R1001 ■	320
OT160...250_C	EXP6x161	1SCA022067R1760	300
OT315...400_C	EXP12x166	1SCA022325R7100	480
OT630...3200_C	EXP12x185	1SCA022325R6710	680

## Handle



Frame	Description	Ordering code	L.P. (₹)
OT16...125F_C	OHB45J6E311	1SCA022817R2130 ■	1,980
OT160...250_C	OHB65J6E011	1SCA022383R2480	2,190
OT315...400_C	OHB95J12E011	1SCA022621R0760	2,500
OT630...800_C	OHB125J12E011	1SCA022589R3340	2,760
OT1000...3200_C	OHB200J12PE011	1SCA022873R4230	6,040

## Auxiliary contacts



Frame	Contact functions	Installation side	Description	Ordering code	L.P. (₹)
OT16...125F_C OTM40...125	1NO	Right	OA1G10	1SCA022353R4970	580
	1NC	Right	OA8G01	1SCA022744R2240	880
	1NO	Left	OA7G10	1SCA022673R1140	780
	1NC	Left	OA1G01	1SCA022353R4890	580
OT160...3200 OTM160...2500	1NO	Right	OA1G10	1SCA022353R4970 ■	580
	1NC	Right	OA3G01	1SCA022456R7410 ■	760

## Phase barriers

3-pole change-overs need 8 barriers and 4-pole change-overs need 12 barriers for full protection.



Frame	Poles	Description	Ordering code	L.P. (₹)
OT160...800 OTM160...800	3	PB100 low	1SDA054970R1	670
	4	PB100 low	1SDA054971R1	980

## Basic ATS controller for motorised change over



Frame	Description	Ordering code	L.P. (₹)
40...2500A	ODPS230	1SCA122946R1001	16,640

Note: Contact our nearest sales office for more information

■ Stock items

54 Accessories for changeovers (manual, motorized, ATS) | Protection and connection

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