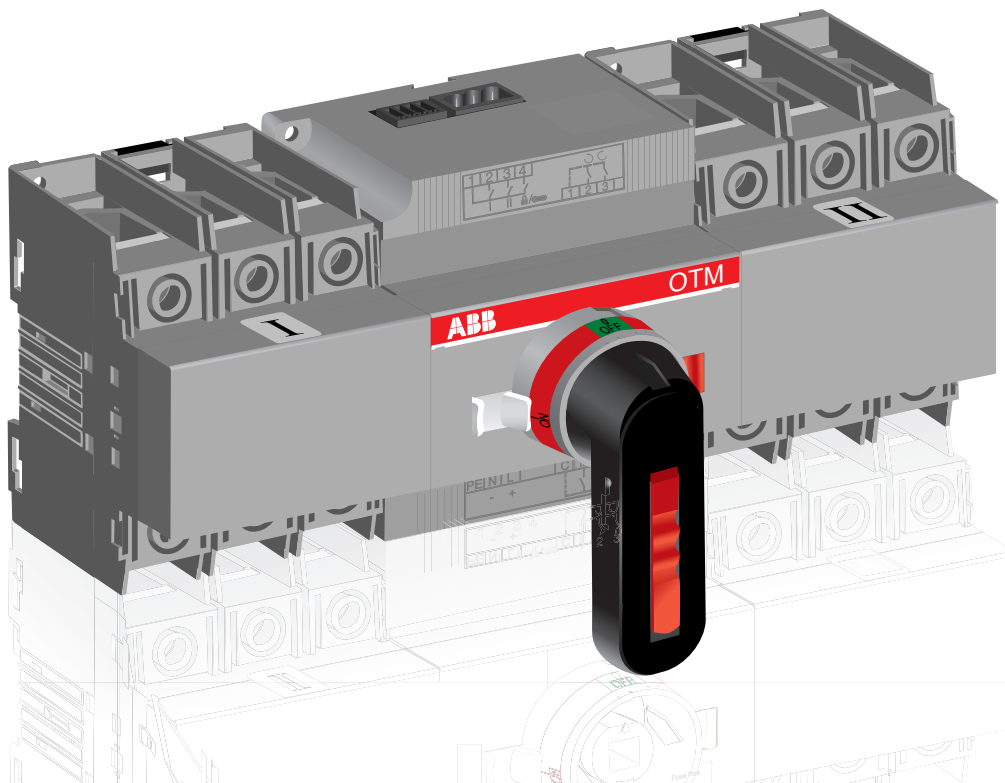


OTM...125_C

Improves your performance



Assembly made easy

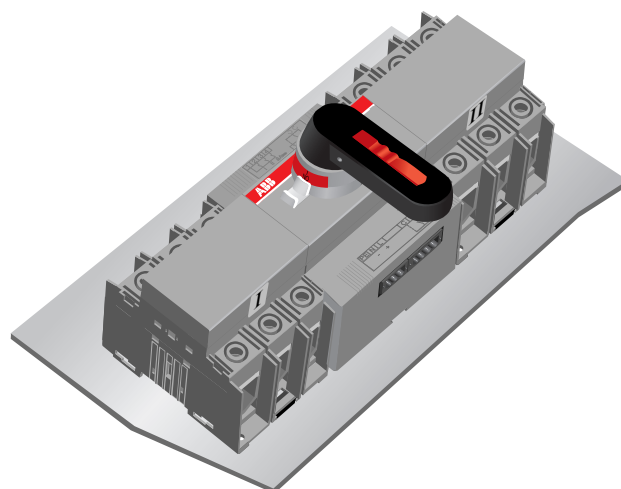
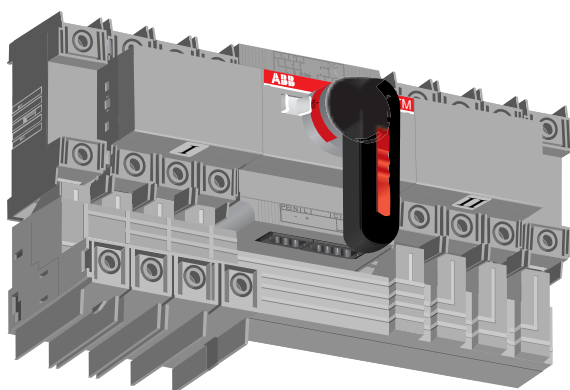
- Bridging bars for quick wiring
- Tunnel terminals ensure a tight and good connection every time
- Snap on accessories are easy to install
- Mounting in any direction

► 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



OTM...125_C

Improves your performance

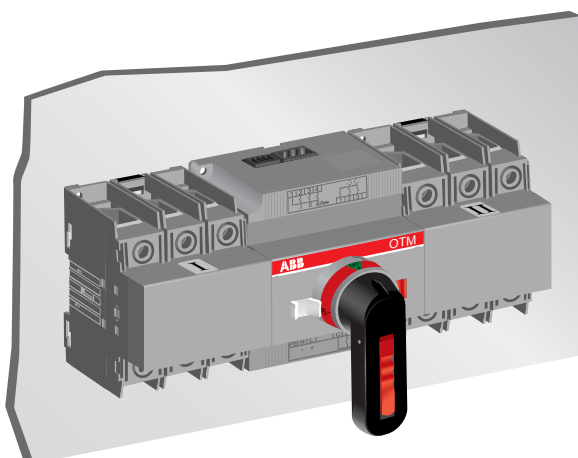
Effortless assembly, safety features, optimized performance and small size enable OTM40...125_C motorized change-over switches to improve the performance of your application!

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

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

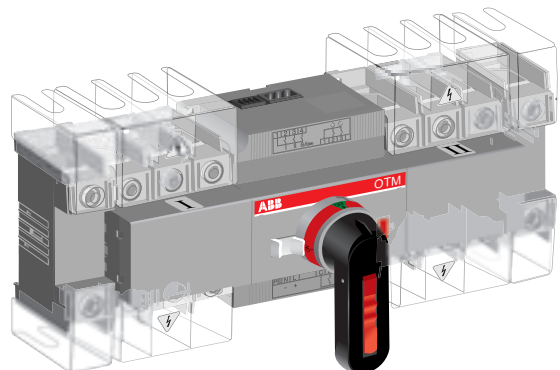
► Designed for your application



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 & OTM160...200

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

Including handle for manual 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



Rated Current AC21A .. AC22A 415V [A]	Rated Power 400V [kVA]	Rated Current AC31B / AC33B 415V [A]	No of Poles	Part Number	Product Hierarchy 2200003 Order Code
40	27	40/40	3	OTM40F3CMA230V	1SCA120096R1001
			4	OTM40F4CMA230V	1SCA120102R1001
63	43	63/63	3	OTM63F3CMA230V	1SCA120095R1001
			4	OTM63F4CMA230V	1SCA120101R1001
80	55	80/80	3	OTM80F3CMA230V	1SCA120093R1001
			4	OTM80F4CMA230V	1SCA120100R1001
100	70	100/80	3	OTM100F3CMA230V	1SCA120071R1001
			4	OTM100F4CMA230V	1SCA120098R1001
125	86	125/80	3	OTM125F3CMA230V	1SCA120070R1001
			4	OTM125F4CMA230V	1SCA120097R1001

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...250E3C_



OTM160...250E3WC_

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	Motor voltage Ue	Part Number	Product Hierarchy 2200003 Order Code
160	110	160/160	3	220-240v AC	OTM160E3CM230C	1SCA121216R1001
				110-125v AC/DC	OTM160E3CM110C	1SCA022845R8530
				48v DC	OTM160E3CM48D	1SCA022845R8450
				24v DC	OTM160E3CM24D	1SCA022845R8110
				220-240v AC	OTM160E3WCM230C	1SCA022846R4000
				110-125v AC/DC	OTM160E3WCM110C	1SCA022846R3450
				48v DC	OTM160E3WCM48D	1SCA022846R3370
				24v DC	OTM160E3WCM24D	1SCA022846R3290
			4	220-240v AC	OTM160E4CM230C	1SCA022848R1510
				110-125v AC/DC	OTM160E4CM110C	1SCA022846R1080
				48v DC	OTM160E4CM48D	1SCA022846R0940
				24v DC	OTM160E4CM24D	1SCA022846R0860
				220-240v AC	OTM160E4WCM230C	1SCA022846R7440
				110-125v AC/DC	OTM160E4WCM110C	1SCA022846R7360
				48v DC	OTM160E4WCM48D	1SCA022846R7280
				24v DC	OTM160E4WCM24D	1SCA022846R7100
200	135	200/200	3	220-240v AC	OTM200E3CM230C	1SCA121209R1001
				110-125v AC/DC	OTM200E3CM110C	1SCA022845R8880
				48v DC	OTM200E3CM48D	1SCA022845R8700
				24v DC	OTM200E3CM24D	1SCA022845R8290
				220-240v AC	OTM200E3WCM230C	1SCA121294R1001
				110-125v AC/DC	OTM200E3WCM110C	1SCA022846R3880
				48v DC	OTM200E3WCM48D	1SCA022846R3700
				24v DC	OTM200E3WCM24D	1SCA022846R3610
			4	220-240v AC	OTM200E4CM230C	1SCA022846R1590
				110-125v AC/DC	OTM200E4CM110C	1SCA022846R1410
				48v DC	OTM200E4CM48D	1SCA022846R1320
				24v DC	OTM200E4CM24D	1SCA022846R1240
				220-240v AC	OTM200E4WCM230C	1SCA022846R7870
				110-125v AC/DC	OTM200E4WCM110C	1SCA022846R7790
				48v DC	OTM200E4WCM48D	1SCA022846R7610
				24v DC	OTM200E4WCM24D	1SCA022846R7520

Change-over switches

Motorised OTM250...630

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...400E3C_



OTM315...400E4C_



OTM630...800E3C_

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Part number	Product Hierarchy 2200003 Order Code
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]				
250	170	250/250	3	220-240v AC	OTM250E3CM230C	1SCA022845R9260
				110-125v AC/DC	OTM250E3CM110C	1SCA022845R9180
				48v DC	OTM250E3CM48D	1SCA022845R9000
				24v DC	OTM250E3CM24D	1SCA022845R8370
				220-240v AC	OTM250E3WCM230C	1SCA022846R4770
				110-125v AC/DC	OTM250E3WCM110C	1SCA022846R4690
				48v DC	OTM250E3WCM48D	1SCA022846R4510
				24v DC	OTM250E3WCM24D	1SCA022846R4420
			4	220-240v AC	OTM250E4CM230C	1SCA022846R1910
				110-125v AC/DC	OTM250E4CM110C	1SCA022846R1830
				48v DC	OTM250E4CM48D	1SCA022846R1750
				24v DC	OTM250E4CM24D	1SCA022846R1670
				220-240v AC	OTM250E4WCM230C	1SCA022846R8250
				110-125v AC/DC	OTM250E4WCM110C	1SCA022846R8170
				48v DC	OTM250E4WCM48D	1SCA022846R8090
				24v DC	OTM250E4WCM24D	1SCA022846R7950
315	215	315/315	3	220-240v AC	OTM315E3CM230C	1SCA022847R1210
				110-125v AC/DC	OTM315E3CM110C	1SCA022847R1120
				48v DC	OTM315E3CM48D	1SCA022847R2610
				24v DC	OTM315E3CM24D	1SCA022847R0910
			4	220-240v AC	OTM315E4CM230C	1SCA022847R2870
				110-125v AC/DC	OTM315E4CM110C	1SCA022847R2790
				48v DC	OTM315E4CM48D	1SCA022847R1040
				24v DC	OTM315E4CM24D	1SCA022847R2520
400	275	400/400	3	220-240v AC	OTM400E3CM230C	1SCA022847R1630
				110-125v AC/DC	OTM400E3CM110C	1SCA022847R1550
				48v DC	OTM400E3CM48D	1SCA022847R1470
				24v DC	OTM400E3CM24D	1SCA022847R1390
			4	220-240v AC	OTM400E4CM230C	1SCA022847R3250
				110-125v AC/DC	OTM400E4CM110C	1SCA022847R3170
				48v DC	OTM400E4CM48D	1SCA022847R3090
				24v DC	OTM400E4CM24D	1SCA022847R2950
400	275	400/400	3	220-240v AC	OTM630E3CM230C	1SCA103567R1001
				110-125v AC/DC	OTM630E3CM110C	1SCA022873R1050
				48v DC	OTM630E3CM48D	1SCA022873R1300
				24v DC	OTM630E3CM24D	1SCA022873R1210
			4	220-240v AC	OTM630E4CM230C	1SCA022873R1990
				110-125v AC/DC	OTM630E4CM110C	1SCA022873R1810
				48v DC	OTM630E4CM48D	1SCA022873R2110
				24v DC	OTM630E4CM24D	1SCA022873R2020

Handles included as standard, cable cross section

Suitable for switches	Cable cross section [mm2]	Handle
OTM40F _ CM	2.5...25 or 2 x 2.5...16	OHB65D6CM
OTM63...125F _ CM	10 ... 70	OHB65D6CM

Change-over switches

Motorised OTM800...1600

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.



OTM630...800E3C_



OTM1000...1250E2C_



OTM1000...1250E3C_



OTM1600E2C_



OTM1600E3C_

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Part Number	Product Hierarchy 2200003 Order Code
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]				
800	550	720/650	3	220-240v AC	OTM800E3CM230C	1SCA103570R1001
				110-125v AC/DC	OTM800E3CM110C	1SCA022872R5750
				48v DC	OTM800E3CM48D	1SCA022872R6050
				24v DC	OTM800E3CM24D	1SCA022872R5910
			4	220-240v AC	OTM800E4CM230C	1SCA022872R8340
				110-125v AC/DC	OTM800E4CM110C	1SCA022872R8260
				48v DC	OTM800E4CM48D	1SCA022872R8510
				24v DC	OTM800E4CM24D	1SCA022872R8420
1000	680	1000/1000	3	220-240v AC	OTM1000E3CM230C	1SCA112677R1001
				110-125v AC/DC	OTM1000E3CM110C	1SCA113653R1001
				48v DC	OTM1000E3CM48D	1SCA113663R1001
				24v DC	OTM1000E3CM24D	1SCA113672R1001
			4	220-240v AC	OTM1000E4CM230C	1SCA112703R1001
				110-125v AC/DC	OTM1000E4CM110C	1SCA113656R1001
				48v DC	OTM1000E4CM48D	1SCA113666R1001
				24v DC	OTM1000E4CM24D	1SCA113675R1001
1250	850	1250/1000	3	220-240v AC	OTM1250E3CM230C	1SCA112676R1001
				110-125v AC/DC	OTM1250E3CM110C	1SCA113652R1001
				48v DC	OTM1250E3CM48D	1SCA113662R1001
				24v DC	OTM1250E3CM24D	1SCA113671R1001
			4	220-240v AC	OTM1250E4CM230C	1SCA112702R1001
				110-125v AC/DC	OTM1250E4CM110C	1SCA113655R1001
				48v DC	OTM1250E4CM48D	1SCA113665R1001
				24v DC	OTM1250E4CM24D	1SCA113674R1001
1600	100	-	3	220-240v AC	OTM1600E3CM230C	1SCA112678R1001
				110-125v AC/DC	OTM1600E3CM110C	1SCA113654R1001
				48v DC	OTM1600E3CM48D	1SCA113664R1001
				24v DC	OTM1600E3CM24D	1SCA113673R1001
			4	220-240v AC	OTM1600E4CM230C	1SCA112704R1001
				110-125v AC/DC	OTM1600E4CM110C	1SCA113657R1001
				48v DC	OTM1600E4CM48D	1SCA113667R1001
				24v DC	OTM1600E4CM24D	1SCA113676R1001

Change-over switches

Motorised OTM2000...2500

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.



OTM2000...2500E2C_



OTM2000...2500E3C_

Rated Current	Rated Power	Rated Current	Number of Poles	Motor voltage Ue	Part Number	Product Hierarchy 2200003 Order Code
AC-21A... AC-22A Up to 415V I[A]	400V S/[kVA]	AC-31B AC-33B 415V I[A]				
2000	1350	-	3	220-240v AC	OTM2000E3CM230C	1SCA112709R1001
				110-125v AC/DC	OTM2000E3CM110C	1SCA113683R1001
				48v DC	OTM2000E3CM48D	1SCA113689R1001
				24v DC	OTM2000E3CM24D	1SCA113695R1001
			4	220-240v AC	OTM2000E4CM230C	1SCA112712R1001
				110-125v AC/DC	OTM2000E4CM110C	1SCA113685R1001
				48v DC	OTM2000E4CM48D	1SCA113691R1001
				24v DC	OTM2000E4CM24D	1SCA113697R1001
2500	1700	-	3	220-240v AC	OTM2500E3CM230C	1SCA112710R1001
				110-125v AC/DC	OTM2500E3CM110C	1SCA113684R1001
				48v DC	OTM2500E3CM48D	1SCA113690R1001
				24v DC	OTM2500E3CM24D	1SCA113696R1001
			4	220-240v AC	OTM2500E4CM230C	1SCA112713R1001
				110-125v AC/DC	OTM2500E4CM110C	1SCA113686R1001
				48v DC	OTM2500E4CM48D	1SCA113692R1001
				24v DC	OTM2500E4CM24D	1SCA113698R1001

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