

# Switches



ABB distribution transformer tap changers and dual voltage switches are de-energized, rotary type switches suitable for use in both pole and pad-mounted transformers. Tap changers are available that can handle up to 200 kV BIL and 150 amps, while dual voltage switches are available that can handle up to 125 kV BIL and 150 amps. The switches are configurable with many options including the number of decks, termination choices, handle styles, and dial plate designations. These switches were designed and tested in accordance with IEEE standard C57.12.00-2000.

ABB distribution tap changers and dual voltage switches feature a wide range of configurations. To select a standard switch, please refer to the following tables and locate the appropriate ratings and requirements.

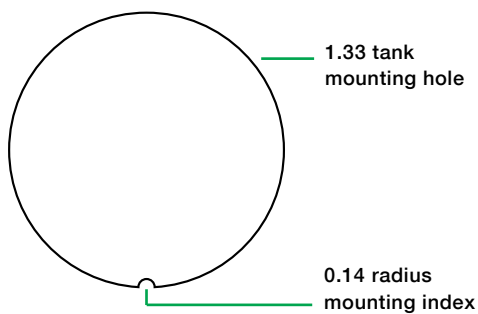
For other configurations not listed in these tables, please contact your ABB representative.

Dual voltage (DV)					
Number of decks	Current rating (Amperes)	Stationary contacts description	Moving contact description	Package quantity	DV switch part number
1	100	#12-10 Crimp   short	Rolling	75	609C176G05
1	100	#12-10 Crimp   0°	Rolling	75	609C176G09
1	100	#12-10 Crimp   45°	Rolling	75	609C176G15
1	100	#12-10 Crimp   90°	Rolling	75	609C176G16
1	150	0.25" bolt hole   45°	Rolling	75	609C176G12
1	150	0.25" bolt hole   90°	Rolling	75	609C176G11
1	150	0.25 - 20 stud   45°	Rolling	75	609C176G13
1	150	0.25 - 20 stud   90°	Rolling	75	609C176G08
2	100	#12-10 Crimp   short	Rolling	50	609C177G09
2	100	#12-10 Crimp   0°	Rolling	50	609C177G05
2	100	#12-10 Crimp   45°	Rolling	50	609C177G15
2	100	#12-10 Crimp   90°	Rolling	50	609C177G16
2	150	0.25" bolt hole   45°	Rolling	50	609C177G12
2	150	0.25" bolt hole   90°	Rolling	50	609C177G11
2	150	0.25 - 20 stud   45°	Rolling	50	609C177G13
2	150	0.25 - 20 stud   90°	Rolling	50	609C177G08
3	100	#12-10 Crimp   short	Rolling	25	609C181G12
3	100	#12-10 Crimp   0°	Rolling	25	609C181G05
3	100	#12-10 Crimp   45°	Rolling	25	609C181G15
3	100	#12-10 Crimp   90°	Rolling	25	609C181G16
3	150	0.25" bolt hole   45°	Rolling	25	609C181G08
3	150	0.25" bolt hole   90°	Rolling	25	609C181G11
3	150	0.25 - 20 stud   45°	Rolling	25	609C181G13
3	150	0.25 - 20 stud   90°	Rolling	25	609C181G09

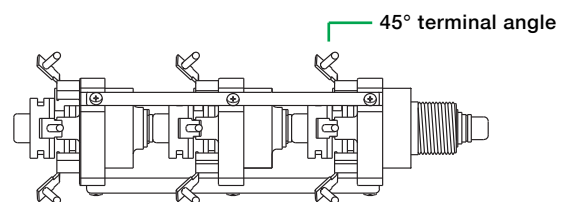
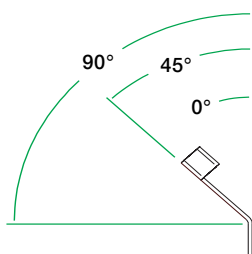
Tap changer (TC)

Number of decks	Current rating (Amperes)	Stationary contacts description	Moving contact description	Package quantity	TC switch part number
1	100	#12-10 Crimp   short	Wiping	75	1C11075G02
1	100	#12-10 Crimp   0°	Wiping	75	1C11075G01
1	100	#12-10 Crimp   45°	Wiping	75	1C11075G03
1	100	#12-10 Crimp   90°	Wiping	75	1C11075G04
1	150	0.25" bolt hole   45°	Rolling	75	609C175G12
1	150	0.25" bolt hole   90°	Rolling	75	609C175G07
1	150	0.25 - 20 stud   45°	Rolling	75	609C175G13
1	150	0.25 - 20 stud   90°	Rolling	75	609C175G08
2	100	#12-10 Crimp   short	Rolling	50	609C227G09
2	100	#12-10 Crimp   0°	Rolling	50	609C227G18
2	100	#12-10 Crimp   45°	Rolling	50	609C227G15
2	100	#12-10 Crimp   90°	Rolling	50	609C227G16
2	150	0.25" bolt hole   45°	Rolling	50	609C227G12
2	150	0.25" bolt hole   90°	Rolling	50	609C227G11
2	150	0.25 - 20 stud   45°	Rolling	50	609C227G13
2	150	0.25 - 20 stud   90°	Rolling	50	609C227G14
3	100	#12-10 Crimp   short	Rolling	25	609C178G12
3	100	#12-10 Crimp   0°	Rolling	25	609C178G05
3	100	#12-10 Crimp   45°	Rolling	25	609C178G15
3	100	#12-10 Crimp   90°	Rolling	25	609C178G16
3	150	0.25" bolt hole   45°	Rolling	25	609C178G09
3	150	0.25" bolt hole   90°	Rolling	25	609C178G14
3	150	0.25 - 20 stud   45°	Rolling	25	609C178G13
3	150	0.25 - 20 stud   90°	Rolling	25	609C178G11

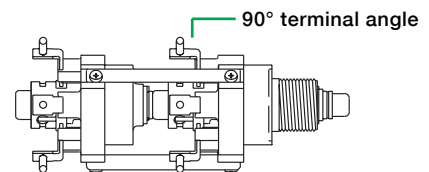
De-Energized switch mounting



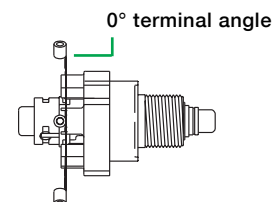
Terminal angle options



3 Decks



2 Decks



1 Deck

\* Dimensions are presented in inches