

De-energized Tap Changers



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ABB Completes Development of a Linear, De-energized Tap Changer

In response to customer requests, ABB has completed development of the Type DTL, electrically linear tap changer.

ABB now offers three tap changer families for application to power transformers. These are the Type DTU, the Type DTW and the Type DTL. A summary of the ratings for each type is given in the table.

DeTC Type	BIL (kV)	Current Rating (A)	Connection Type	Mechanical Motion
DTU	650	575	Bridging	Linear
DTW	>900	850	Bridging	Rotating
DTL	650	1000 ¹	Linear (point to point)	Linear

All of the tap changers are available in the standard 5-position configuration and can be produced with up to 7-positions.

Each tap changer is sold with an external operating mechanism, which is suitable for pad locking.

Parallel tap deck configurations are available for the Types DTU and DTW.

Complete technical data for each type is available at the ABB web site or directly from ABB.

Please contact your local ABB representative for more information.

¹ Rating = 1200 A in some applications

Schematic Diagrams



