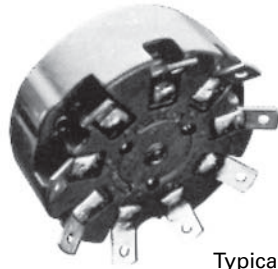


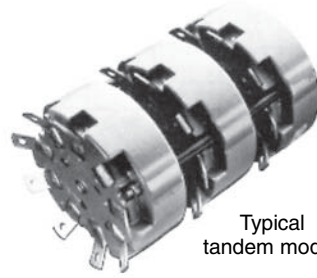
Power Tap Switches

High-current, Non-shorting Type

Model 711



Typical ceramic style



Typical tandem model

SPECIFICATIONS

Material

Body: Ceramic, arc-proof (models 212, 312, 412, 608). Compression Molded Polyester (model 111). Melamine Phenolic (model 711)

Contacts: Silver alloy. Common contact is rounded for assured seating. Self-cleaning with built in wiping action.

Terminals: Soldering. 711 also accepts quick connectors; 412, #10 screws; 608, 6. bolts.

Mounting

Model 711: Using 3/8-32 bushing for 1/8" thick maximum panel. Four non-turn lug positions are possible on the single, unenclosed switch. Recesses in body of switch permit positioning of non-turn washer at 12, 3, 6 and 9 o'clock. 3/16" hole for non-turn washer. Shaft 1/4"

Model 111: For 1/4" panel, maximum, using 3/8-32 bushing and hex nut. A 3/16" hole is required for the non-turn washer. Shaft 1/4"

Model 212: Using 3/8-32 threaded bushing and hex nut. A 5/32" hole is required for the non-turn pin. Shaft 1/4"

Model 312: For 1/4" panel, maximum, use three 10-32 flat-head machine screws 3/8" long. Shaft 1/4"

Model 412: For 1/4" panel, maximum, use three 10-32 flat-head machine screws 3/8" long. A 5/16" hole in panel is required for shaft.

Model 608: For 1" panel, maximum, three flat-head machining screws 1/4-20, 1 1/4" long. Drill a 7/16" hole in panel for shaft. Shaft 3/8"

NOTE: Since all tap switches are electro-mechanical devices, they are subject to wear and, therefore, have a finite life.

Model	Rating (AC)	Rating (DC)*	Max. no. of taps	Overall Diameter (max., in./mm)	Depth behind panel (mm./in)			Shaft Torque
					single	2 in tandem	3 in tandem	
711 X	7A 125V	7A 20V	11	39.6 / 1.56	20.6	45.2 / 1 25/32	62.7 / 2 5/32	7-12 oz.-in.
111	15A 125V	15A 20V	11	56 / 2.19	28.7	69.9 / 2 3/4	—	1.5-3.8 in.-lbs.
212	20A 150V	20A 20V	12	57 / 2.25	44.5	106.4 / 4 1/16	157.2 / 6 3/16	3-7 in.-lbs.
312	30A 300V	30A 20V	12	84 / 3.31	57.2	117.5 / 4 5/8	177.8 / 7	3-7 in.-lbs.
412	50A 300V	50A 20V	12	108 / 4.25	61.9	127.8 / 5 1/32	193.7 / 7 7/8	3-8 in.-lbs.
608	100A 300V	100A 20V	8	159 / 6.25	84.1	173.0 / 6 13/16	261.9 / 10 5/16	25-35 in.-lbs.

*non-inductive load

All dimensions for reference only; consult factory for details.

X=Discontinued

Ohmite power Tap Switches (high power rotary switches) are constructed to provide dependable, convenient operation.

All Ohmite tap switches, from 15 to 100 amps, have ceramic arc-proof bodies and metal alloy contacts. Their all-soldered and all-riveted construction assures mechanical and operational integrity. Even the smallest Ohmite Tap

Switch, rated at 7 amps, has a reinforced non-metal body and solid metal alloy contacts. These units feature high current handling capability in a small package.

FEATURES

- "Slow-breaking, Quick-make" action proved best for switching AC current.
- Non-shorting type disconnects previous circuit before establishing contact for succeeding tap.

- Ceramic and metal construction provides resistance to arcing, burning and charring.
- Tandem assemblies available as standard models.
- UL listed for models 111, 212, 312 and 412
- RoHS compliant product available Jan. 2006 Add "E" suffix to part number to specify.

STANDARD PART NUMBERS FOR POWER TAP SWITCHES

Number of taps*	Total rotation	Model 711 7A - 125V			Model 111 15A - 125V		Model 212 20A - 150V			Model 312 30A - 300V			Model 412 50A - 300V			Model 608 100A - 300V		
		711* Single unit	711*-T2 2 in tandem	711*-T3 3 in tandem	111* Single unit	111*-T2 2 in tandem	212* Single unit	212*-T2 2 in tandem	212*-T3 3 in tandem	312* Single unit	312*-T2 2 in tandem	312*-T3 3 in tandem	412* Single unit	412*-T2 2 in tandem	412*-T3 3 in tandem	608* Single unit	608*-T2 2 in tandem	608*-T3 3 in tandem
3	60°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	90°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	120°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	150°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7	180°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	210°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	240°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	270°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11	300°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	330°	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Check product availability at www.ohmite.com

See page 82 for knobs, dials, and other hardware

* = Non-standard values subject to minimum handling charge per item

* Insert part number at asterisk for complete part number (e.g. 111-3-T2)

X=Discontinued

