

Drum Type Transfer or Selector Switch — Types T-4, T-5 and T-6 (Continued)

Application

The drum switch is operated manually by rotating the operating knob located at the front of the switch. The center position of the operating knob is the off position of the switch. The operating points are self indexing, and are selected by turning the operating knob from the off position in either a clockwise or counter-clockwise direction.

Description

The drum type switch consists of a double row of contact fingers, the contacts of which engage a drum cylinder made of a laminated molding. The movable contacts are firmly secured to the laminated cylinder without screws. These contacts are assembled to the drum cylinder in the proper position to engage the stationary contacts when the drum cylinder is rotated.

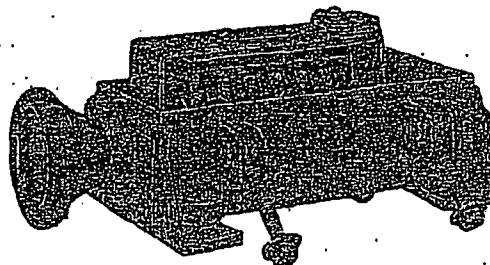
The operating shaft of the drum cylinder extends thru the end plate of the switch. The operating knob assembled to the shaft extension provides means for rotating the cylinder manually to the desired operating point.

The open type and drip proof switches are supplied in the 2, 4, and 6 pole construction.

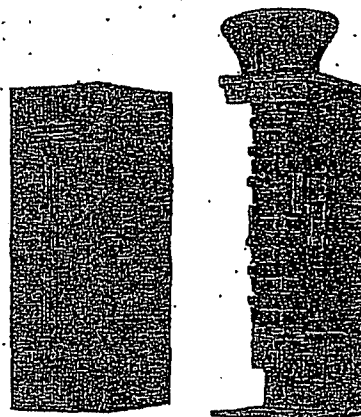
The open type transfer switch is provided with a flush mounting plate, and is intended for local mounting on the door of a controller enclosing case, or for cavity mounting on a switchboard. The drip proof type switch is intended for remote location and is arranged for horizontal surface mounting. A mounting bracket is also available to permit assembly of the drip proof switch to a vertical surface.

The spraytight drum switch is provided in the 2 and 4 pole type and is intended for remote location. The enclosure is provided with four mounting holes at the base of the switch for mounting in either the horizontal or vertical position.

The switches are arranged for conduit entrance at the end opposite the operating knob.



TYPE T5, FOUR POLE SPRAYTIGHT TRANSFER SWITCH WITH COVER REMOVED, SHOWING OPERATING MECHANISM.



TYPE T5 DRIP PROOF TRANSFER SWITCH.

Arrangement of Contacts

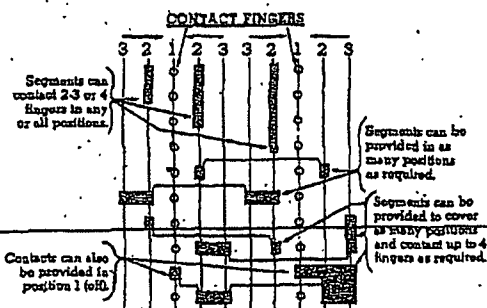


Diagram for Type T5, 5 position reversing selector switch showing typical contact segment combinations which are available.

Type T4 — 2 pole — 3 fingers long — total 6 fingers. Can be supplied 2 or 3 position.



Type T5 — 4 pole — 7 fingers long — total 14 fingers. Can be supplied 2-3-4 or 5 position. Other features same as 6982T4 except for 4 and 5 position non-reversing switch, spring return can be supplied only 6 fingers long. (Maximum).

Type T6 — 6 pole — 10 fingers long — Total 20 fingers. Can be supplied 2-3-4 or 5 position. Other features same as 6982T4 except for 4 and 5 position non-reversing switch spring return can be supplied only 8 fingers long. (Maximum).

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