

Type 9441, Reversing Drum Switches



Contents

| Description                                           | Page     |
|-------------------------------------------------------|----------|
| Types B230, B330, Switches . . . . .                  | V5-T3-3  |
| MS Series, Single-Phase Starters . . . . .            | V5-T3-6  |
| Type B100, Single- and Three-Phase Starters . . . . . | V5-T3-10 |
| Type 9441, Reversing Drum Switches                    |          |
| Product Selection . . . . .                           | V5-T3-16 |
| Wiring Diagrams . . . . .                             | V5-T3-17 |
| Dimensions . . . . .                                  | V5-T3-17 |

Type 9441, Reversing Drum Switches

Application Description

These drum switches are designed primarily for use with single-phase and squirrel cage, single-speed reversible motors which may be connected directly across-the-line. Typical applications would be hoists and machine tools.

Features

- Compact size
- Front mounting—easily installed
- Terminals front accessible—slanted 45° for extra convenience
- Captive pressure clamps on terminal screws back off with screw—no prying with screwdriver necessary
- Choice of operators
  - Large
  - Lever
  - Knob
- Orientation of operator independent of legend—360° positioning in 22-1/2° increments—pointer remains oriented to legend
- Field convertible from maintained to momentary operation
- Replaceable, large volume, silver plated contacts
- Oiltight machine cavity or surface mounting types
- Modern attractive appearance

Operation

All of the operators may be rotated 360° in 22-1/2° increments without losing the indication of the drum position. A red-lined pointer is permanently orientated to the legend markings and clearly indicates the selected drum function regardless of the selected setting for the operator. This enables the user to “offset” the operator to afford the most comfortable operating position. This is accomplished simply by loosening and retightening one screw.

Standards and Certifications

- UL File No. E37316, Category NLRV
- CSA Guide No. 184-N-13.13A, Class 3211



## Product Selection

## When Ordering Specify

- Catalog number

3

Type DB1 Flush Mount  
Standard LeverType DB and DD  
Surface Mounting  
Standard LeverType DB1 Flush Mount  
Knob OperatorType DB and DD  
Surface Mounting  
Knob Operator

## Reversing Drum Type without Overload Relay

## Maximum Horsepower

| Three-Phase |          | Single-Phase |      | DC   |      | Size | Type of Operation          | Lever Operator | Knob           | Lever Operator | Knob           |
|-------------|----------|--------------|------|------|------|------|----------------------------|----------------|----------------|----------------|----------------|
| 200–230V    | 380–575V | 115V         | 230V | 115V | 230V |      |                            | Catalog Number | Catalog Number | Catalog Number | Catalog Number |
| Three-Pole  |          |              |      |      |      |      |                            |                |                |                |                |
| 2           | 2        | 1-1/2        | 2    | 1    | 1    | DB 1 | Maintained ①               | 9441H268       | 9441H269       | 9441H274       | 9441H275       |
|             |          |              |      |      |      |      | Maintained and Momentary ② | 9441H271       | 9441H272       | 9441H276       | —              |
| 3           | 5        | 1-1/2        | 2    | 1    | 1    | DB 2 | Maintained ①               | 9441H353       | 9441H354       | 9441H347       | —              |
|             |          |              |      |      |      |      | Maintained and Momentary ② | 9441H356       | 9441H357       | 9441H349       | 9441H350       |
| 5           | 7-1/2    | 1-1/2        | 3    | 2    | 3    | DD 1 | Maintained ①               | 9441H284       | 9441H285       | 9441H388       | —              |
| 7-1/2       | 10       | 2            | 5    | 2    | 3    | DD 2 | Maintained ①               | 9441H361       | 9441H363       | 9441H362       | —              |

## Notes

<sup>①</sup> These devices are field convertible from maintained both positions to momentary both positions.

<sup>②</sup> These devices are field convertible from maintained FORWARD and momentary REVERSE to momentary FORWARD and maintained REVERSE.