

# WOYR2.E121922 - Switches, Appliance and Special Use - Component

## Switches, Appliance and Special Use - Component

**E-SWITCH INC, DBA LAMB INDUSTRIES**

7153 NORTHLAND DR N.

BROOKLYN PARK, MN 55428 United States

E121922

**Investigated to ANSI/UL 61058-1**

| Cat. No.           | Load | Amps | Volts   | Hz    | Temp<br>(°C) | Pol/ | Endurance    |              | IP | Dis<br>(mm) | SPCA   | Std.<br>Ed. |
|--------------------|------|------|---------|-------|--------------|------|--------------|--------------|----|-------------|--------|-------------|
|                    |      |      |         |       |              | Cir  | 30C<br>cycle | 55C<br>cycle |    |             |        |             |
| Appliance Switches |      |      |         |       |              |      |              |              |    |             |        |             |
| Series LS08515     | R    | 10   | 125/250 | 50/60 | 25T85/55     | -    | -            | 10K          | 40 | micro       | 3A, 3B | -           |
|                    | R    | 15   | 125/250 | 50/60 | 25T85/55     | -    | -            | 10K          | 40 |             |        |             |
| WS10850100F130SA   | R    | 3    | 125/250 | 50-60 | 40T85        | -2.2 | 6K           | 10K          | 67 | micro       | -      | 2013-02-15  |
|                    | GP   | 3    | 125/250 | 50-60 | 40T85        | -2.2 | 6K           | 10K          | 67 |             |        |             |
|                    | R    | 0.1  | 125/250 | 50-60 | 40T85        | -2.2 | 6K           | 10K          | 67 |             |        |             |
|                    | GP   | 0.1  | 125/250 | 50/60 | 40T85        | -2.2 | -            | 10K          | 67 |             |        |             |
|                    | -    | 0.1  | 48      | DC    | 40T85        | -2.2 | -            | 10K          | 67 |             |        |             |
|                    | -    | 3    | 12      | DC    | 40T85        | -2.2 | -            | 10K          | 67 |             |        |             |
| WS10850100F130WA   | GP   | -    | -       | 50-60 | 40T85        | -2.2 | 6K           | 10K          | 67 | micro       | -      | -           |
|                    | GP   | -    | -       | 50-60 | 40T85        | -2.2 | 6K           | 10K          | -  |             |        |             |
|                    | GP   | -    | -       | 50-60 | 40T85        | -2.2 | 6K           | 10K          | -  |             |        |             |

|                          |    |        |         |       |       |         |    |     |    |       |   |   |
|--------------------------|----|--------|---------|-------|-------|---------|----|-----|----|-------|---|---|
|                          | GP | -      | -       | 50/60 | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
|                          | -  | -      | -       | DC    | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
|                          | -  | -      | -       | DC    | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
| <b>WS1085300F130SA</b>   | R  | 3      | 125/250 | 50-60 | 40T85 | -2.2    | 6K | 10K | 67 | micro | - | - |
|                          | GP | 3      | 125/250 | 50-60 | 40T85 | -2.2    | 6K | 10K | 67 |       |   |   |
|                          | R  | 0.1    | 125/250 | 50-60 | 40T85 | -2.2    | 6K | 10K | 67 |       |   |   |
|                          | GP | 0.1    | 125/250 | 50/60 | 40T85 | -2.2    | -  | 10K | 67 |       |   |   |
|                          | -  | 0.1    | 48      | DC    | 40T85 | -2.2    | -  | 10K | 67 |       |   |   |
|                          | -  | 3      | 12      | DC    | 40T85 | -2.2    | -  | 10K | 67 |       |   |   |
| <b>WS1085300F130WA</b>   | GP | -      | -       | 50-60 | 40T85 | -2.2    | 6K | 10K | 67 | micro | - | - |
|                          | GP | -      | -       | 50-60 | 40T85 | -2.2    | 6K | 10K | -  |       |   |   |
|                          | GP | -      | -       | 50-60 | 40T85 | -2.2    | 6K | 10K | -  |       |   |   |
|                          | GP | -      | -       | 50/60 | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
|                          | -  | -      | -       | DC    | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
|                          | -  | -      | -       | DC    | 40T85 | -2.2    | -  | 10K | -  |       |   |   |
| <b>WS20850100F183C1A</b> | R  | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 | micro | - | - |
|                          | R  | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |
|                          | GP | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |
|                          | GP | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |
|                          | R  | 0.1, 2 | 30      | DC    | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |
|                          | R  | 0.1, 2 | 30      | DC    | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |
| <b>WS20850100F183P1A</b> | R  | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 | micro | - | - |
|                          | R  | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |   |   |

|                              |    |        |         |       |       |         |    |     |    |       |        |            |
|------------------------------|----|--------|---------|-------|-------|---------|----|-----|----|-------|--------|------------|
|                              | GP | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | GP | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0.1, 2 | 30      | DC    | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0.1, 2 | 30      | DC    | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
| <b>WS20850100F183S1A</b>     | R  | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 | micro | -      | 2013-02-15 |
|                              | R  | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | GP | 0.1, 2 | 125-250 | 50/60 | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | GP | 0.1, 2 | 125-250 | 50/60 | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0.1, 2 | 30      | DC    | 25T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0.1, 2 | 30      | DC    | 40T85 | 1/2-2.2 | 6K | 10K | 67 |       |        |            |
| <b>Micro</b>                 |    |        |         |       |       |         |    |     |    |       |        |            |
| <b>WS08501</b>               | R  | 0-10   | 125-250 | 50-60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 | micro | 1A, 1B | 2013-02-15 |
| <b>WS08501</b>               | GP | -      | -       | 50-60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 | micro | -      | -          |
|                              | GP | -      | -       | 50/60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |
| <b>WS08501</b>               | R  | 0-2    | 12      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 | micro | 1A, 1B | 2013-02-15 |
|                              | R  | 0-0.5  | 42      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |
| <b>WS08501</b>               | GP | -      | -       | 50/60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 | -     | -      | -          |
|                              | GP | -      | -       | 50/60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |
| <b>WS08501</b>               | R  | 0-1    | 24      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 | micro | 1A, 1B | 2013-02-15 |
| <b>WS08501 f/b 00, f/b P</b> | R  | 0-10   | 125-250 | 50-60 | 25T85 | 1/2-1.2 | 6K | 10K | 67 | micro | 1A, 1B | 2013-02-15 |
|                              | R  | 0-2    | 12      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0-0.5  | 42      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |
|                              | R  | 0-1    | 24      | DC    | 25T85 | 1/2-1.2 | 6K | 10K | 67 |       |        |            |

| Push Button   |    |    |     |       |         |              |     |     |    |          |        |   |
|---------------|----|----|-----|-------|---------|--------------|-----|-----|----|----------|--------|---|
| <b>PB1973</b> | GP | -  | -   | 50-60 | T105/55 | 1/1-1.2      | 6K  | 10K | 40 | full 2.2 | -      | - |
|               | GP | -  | -   | 50-60 | T105/55 | 2/1-1.3      | 6K  | 10K | 40 |          |        |   |
|               | GP | -  | -   | 50-60 | T105/55 | 1/1-1.2      | 6K  | 10K | 40 |          |        |   |
|               | GP | -  | -   | 50-60 | T105/55 | 2/1-1.3      | 6K  | 10K | 40 |          |        |   |
| Rocker        |    |    |     |       |         |              |     |     |    |          |        |   |
| <b>R1966</b>  | GP | -  | -   | 50-60 | T105/55 | 1/1, 1/2-1.2 | 6K  | 10K | 40 | full 1.8 | -      | - |
|               | GP | -  | -   | 50-60 | T105/55 | 1/1, 1/2-1.2 | 6K  | 10K | 40 |          |        |   |
|               | GP | -  | -   | 50-60 | T105/55 | 1/1, 1/2-1.2 | 6K  | 10K | 40 |          |        |   |
|               | GP | -  | -   | 50-60 | T105/55 | 1/1, 1/2-1.2 | 6K  | 10K | 40 |          |        |   |
| <b>R1973</b>  | GP | 12 | 125 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  | full 3.5 | 3A, 3B | - |
|               | R  | 12 | 125 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | GP | 6  | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | GP | 9  | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | GP | 12 | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | R  | 6  | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | R  | 9  | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | R  | 12 | 250 | 50-60 | T105/55 | 1/1,2/1      | 6K  | 10K | -  |          |        |   |
|               | TV | 5  | 125 | 50-60 | T105/55 | 1/1,2/1      | 10K | 0K  | -  |          |        |   |
| <b>R4A</b>    | GP | -  | -   | 60    | T105/55 | 1/1-1.2      | 6K  | 10K | 20 | full 2.5 | -      | - |
|               | GP | -  | -   | 60    | T105/55 | 1/1-1.2      | 6K  | 10K | 20 |          |        |   |
|               | GP | -  | -   | 60    | T105/55 | 1/1-1.2      | 6K  | 10K | 20 |          |        |   |
|               | GP | -  | -   | 60    | T105/55 | 1/1-1.2      | 6K  | 10K | 20 |          |        |   |

|            |      |     |     |    |         |         |    |     |    |          |           |   |
|------------|------|-----|-----|----|---------|---------|----|-----|----|----------|-----------|---|
| <b>R4B</b> | GPhp | 1   | 250 | 60 | T105/55 | 1/1-1.2 | 6K | 10K | -  | full 2.5 | 2, 2A, 2B | - |
|            | GP   | 16  | 250 | 60 | T105/55 | 1/1-1.2 | 6K | 10K | -  |          |           |   |
|            | GPhp | 3/4 | 125 | 60 | T105/55 | 1/1-1.2 | 6K | 10K | -  |          |           |   |
|            | GP   | 20  | 250 | 60 | T105/55 | 1/1-1.2 | 6K | 10K | -  |          |           |   |
| <b>R4C</b> | GPhp | 1   | 250 | 60 | T105/55 | 1/2-2.2 | 6K | 10K | -  | full 2.5 | 2A, 2B    | - |
|            | GP   | 16  | 250 | 60 | T105/55 | 1/2-2.2 | 6K | 10K | -  |          |           |   |
|            | GPhp | 3/4 | 125 | 60 | T105/55 | 1/2-2.2 | 6K | 10K | -  |          |           |   |
|            | GP   | 20  | 125 | 60 | T105/55 | 1/2-2.2 | 6K | 10K | -  |          |           |   |
| <b>R4D</b> | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 | full 1.6 | -         | - |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
| <b>R4E</b> | GP   | -   | -   | 60 | T105/55 | 1/2-2.2 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-2.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-2.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-2.2 | 6K | 10K | 20 |          |           |   |
| <b>R4F</b> | GP   | -   | -   | 60 | T105/55 | 1/1-1.2 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP   | -   | -   | 60 | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
| <b>R4G</b> | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 | full 1.6 | -         | - |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
|            | GP   | -   | -   | 60 | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |

|            |    |    |         |       |         |         |    |     |    |          |           |   |
|------------|----|----|---------|-------|---------|---------|----|-----|----|----------|-----------|---|
|            | GP | -  | -       | 60    | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
| <b>R4H</b> | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
| <b>R4I</b> | GP | -  | -       | 60    | T105/55 | 1/2-3.2 | 6K | 10K | 20 | full 1.6 | -         | - |
|            | GP | -  | -       | 60    | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/2-3.2 | 6K | 10K | 20 |          |           |   |
| <b>R4J</b> | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 1/1-1.2 | 6K | 10K | 20 |          |           |   |
| <b>R5</b>  | GP | 20 | 125,250 | 50-60 | T105/55 | 2/1-1.3 | 6K | 10K | -  | full 2.5 | 2, 2A, 2B | - |
|            | GP | 25 | 125,250 | 50-60 | T105/55 | 2/1-1.3 | 6K | 10K | -  |          |           |   |
| <b>R5A</b> | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |
| <b>R5B</b> | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 | full 2.5 | -         | - |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |
|            | GP | -  | -       | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |           |   |

|            |      |     |     |       |         |         |    |     |    |          |        |   |
|------------|------|-----|-----|-------|---------|---------|----|-----|----|----------|--------|---|
| <b>R5C</b> | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 | full 2.5 | -      | - |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
| <b>R5D</b> | GP   | -   | -   | 60    | T105/55 | 2/2-3.4 | 6K | 10K | 20 | full 1.6 | -      | - |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-3.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-3.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-3.4 | 6K | 10K | 20 |          |        |   |
| <b>R5E</b> | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 | full 2.5 | -      | - |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/2-2.4 | 6K | 10K | 20 |          |        |   |
| <b>R5F</b> | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 | full 2.5 | -      | - |
|            | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |        |   |
|            | GP   | -   | -   | 50/60 | -       | -       | -  | -   | 00 |          |        |   |
| <b>R5G</b> | GPhp | 1   | 250 | 60    | T105/55 | 2/2-3.4 | 6K | 10K | -  | full 1.6 | 2A, 2B | - |
|            | GP   | 16  | 250 | 60    | T105/55 | 2/2-3.4 | 6K | 10K | -  |          |        |   |
|            | GPhp | 3/4 | 125 | 60    | T105/55 | 2/2-3.4 | 6K | 10K | -  |          |        |   |
|            | GP   | 20  | 125 | 60    | T105/55 | 2/2-3.4 | 6K | 10K | -  |          |        |   |
| <b>R5H</b> | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 | full 2.5 | -      | - |
|            | GP   | -   | -   | 60    | T105/55 | 2/1-1.4 | 6K | 10K | 20 |          |        |   |

|                          |    |        |     |       |         |         |     |     |    |          |               |   |
|--------------------------|----|--------|-----|-------|---------|---------|-----|-----|----|----------|---------------|---|
|                          | GP | -      | -   | 60    | T105/55 | 2/1-1.4 | 6K  | 10K | 20 |          |               |   |
|                          | GP | -      | -   | 60    | T105/55 | 2/1-1.4 | 6K  | 10K | 20 |          |               |   |
|                          | GP | -      | -   | 50/60 | -       | -       | -   | -   | 00 |          |               |   |
| <b>R5I</b>               | GP | -      | -   | 60    | T105/55 | 2/2-3.4 | 6K  | 10K | 20 | full 1.6 | -             | - |
|                          | GP | -      | -   | 60    | T105/55 | 2/2-3.4 | 6K  | 10K | 20 |          |               |   |
|                          | GP | -      | -   | 60    | T105/55 | 2/2-3.4 | 6K  | 10K | 20 |          |               |   |
|                          | GP | -      | -   | 60    | T105/55 | 2/2-3.4 | 6K  | 10K | 20 |          |               |   |
| <b>R6</b>                | GP | 12     | 125 | 50-60 | T105/55 | 1/1-1.2 | 6K  | 10K | -  | full 3.5 | 3A            | - |
|                          | R  | 12     | 125 | 50-60 | T105/55 | 1/1-1.2 | 6K  | 10K | -  |          |               |   |
|                          | GP | 6      | 250 | 50-60 | T105/55 | 1/1-1.2 | 6K  | 10K | -  |          |               |   |
|                          | R  | 6      | 250 | 50-60 | T105/55 | 1/1-1.2 | 6K  | 10K | -  |          |               |   |
|                          | TV | 5      | 125 | 50-60 | T105/55 | 1/1-1.2 | 10K | -   | -  |          |               |   |
| <b>Rocker Switch</b>     |    |        |     |       |         |         |     |     |    |          |               |   |
| <b>RBW2A</b>             | GP | -      | -   | 50    | T85/55  | 2/1-1.3 | 6K  | 50K | 66 | full 2   | -             | - |
|                          | GP | -      | -   | 50    | T85/55  | 2/1-1.3 | 6K  | 50K | 66 |          |               |   |
| <b>RBW2A Illuminated</b> | GP | 16(16) | 125 | 50    | T85/55  | 2/1-1.3 | 6K  | 50K | -  | full     | 2, A, B, C, D | - |
|                          | hp | 1/3    | 125 | 50    | T85/55  | 2/1-1.3 | 6K  | 50K | -  |          |               |   |
| <b>RBW2B</b>             | hp | 1/3    | 125 | 50    | T85/55  | 2/2-1.3 | 6K  | 50K | -  | full 2   | A, B, C, D    | - |
|                          | GP | 16(16) | 125 | 50    | T85/55  | 2/2-1.3 | 6K  | 50K | -  |          |               |   |

**Investigated to ANSI/UL 1054**

| Cat. No.                                                                                          | Amps | Volts | Hz | Load | Endur-<br>ance | Temp<br>(°C) | POL/<br>THR | Circuit<br>Code | SPCOA |
|---------------------------------------------------------------------------------------------------|------|-------|----|------|----------------|--------------|-------------|-----------------|-------|
| <b>100 f/b SP, DP, 3P, 4P, f/b 1 thru 6, f/b M1, M2, M3, M5, M6, M61, M7, M71, VS2, VS3, VS5.</b> | 5    | 125   | 60 | R    | 6K             | 130          | M/M         | -/-A or<br>B    | A1    |

|                                                                                                                                                                                                              |     |     |    |   |    |     |     |           |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|---|----|-----|-----|-----------|----|
|                                                                                                                                                                                                              | 2   | 250 | 60 | R | 6K |     |     |           |    |
| <b>100A f/b WSP or WDP, f/b 1 thru 6, may be f/b M1, M2, M6, M7, VS2 or VS3</b>                                                                                                                              | 5   | 120 | 60 | R | 6K | 65  | M/M | -/A, B    | -  |
|                                                                                                                                                                                                              | 2   | 250 | 60 | R | 6K |     |     |           |    |
| <b>200A f/b WMSP1 thru WMSP6, WMDP1 thru WMDP3, f/b T1 or T2, f/b A1 or A2, f/b M2, M6, M61, M7, VS2, f/b Q or R, f/b E</b>                                                                                  | 3   | 120 | 60 | R | 6K | 65  | M/M | -/-       | -  |
|                                                                                                                                                                                                              | 1.5 | 250 | 60 | R | 6K |     |     |           |    |
| <b>200A f/b WMSP1, WMSP2, WMSP3, WMSP4, WMSP5, WMSP6, WMDP1, WMDP2, WMDP3, f/b T1 or T2, f/b A1, f/b M2, M6, M61, M7 or VS2, f/b Q, f/b E f/b 200B, f/b WMSP1, f/b T2 or A1, f/b S, f/b M6, f/b Q, f/b E</b> | 1.5 | 250 | 60 | R | 6K | 65  | M/M | -/-       | -  |
|                                                                                                                                                                                                              | 3   | 120 | 60 | R | 6K |     |     |           |    |
| <b>200B f/b WMSP3 thru WMSP5, f/b T2, f/b A1, f/b SM6, f/b Q or R, f/b E</b>                                                                                                                                 | 3   | 120 | 60 | R | 6K | 65  | M/M | -/-       | -  |
|                                                                                                                                                                                                              | 1.5 | 250 | 60 | R | 6K |     |     |           |    |
| <b>200MSP f/b 1, 2, 3, 4, 5 or 6. 200 MDP f/b 1, 2, or 3</b>                                                                                                                                                 | 1   | 250 | 60 | R | 6K | 130 | M/M | -/-       | -  |
|                                                                                                                                                                                                              | 3   | 120 | 60 | R | 6K |     |     |           |    |
| <b>300 f/b SP, DP, 3P or 4P, f/b 1 thru 6, f/b M1, M2, M3, M5, M6, M7, VS2, VS3, VS4 or VS5.</b>                                                                                                             | 5   | 120 | 60 | R | 6K | 60  | M/M | -/-A or B | A1 |
|                                                                                                                                                                                                              | 2   | 250 | 60 | R | 6K |     |     |           |    |
| <b>300A f/b WSP, WDP, W3P, f/b 1 thru 6, f/b R1, R2, R11, R16, J1, J2, J3, J4, J4, J5, J6, f/b 3 letters, f/b M1, M2, M3, M6, M7, VS2, VS3, V2N</b>                                                          | 5   | 120 | 60 | R | 6K | 65  | M/M | -/A, B    | -  |
|                                                                                                                                                                                                              | 2   | 250 | 60 | R | 6K |     |     |           |    |
| <b>400A f/b WMSP1 thru WMSP5, WMDP1 thru WMDP3, f/b R1, f/b BLK, RED, WHT, f/b M1, M2, M6, M61, M7, M71, VS2, VS21, f/b Q or R, f/b E</b>                                                                    | 3   | 120 | 60 | R | 6K | 65  | M/M | -/-       | -  |
|                                                                                                                                                                                                              | 1.5 | 250 | 60 | R | 6K |     |     |           |    |
| <b>400A f/b WMSP1, WMSP2, WMSP3, WMSP4, WMSP5, WMSP6, WMDP1, WMDP2, WMDP3, f/b R1 f/b M1, M2, M6, M7 or VS2, f/b Q, f/b E f/b 400B, f/b WMSP1, f/b R1, f/b MT or MZ</b>                                      | 1.5 | 250 | 60 | R | 6K | 65  | M/M | -/-A or B | -  |
|                                                                                                                                                                                                              | 3   | 120 | 60 | R | 6K |     |     |           |    |

|                                                                               |     |     |    |    |    |    |            |       |   |
|-------------------------------------------------------------------------------|-----|-----|----|----|----|----|------------|-------|---|
| <b>400B f/b WMSP1 thru WMSP5, f/b R2, f/b BLK, f/b SM6, f/b Q or R, f/b E</b> | 3   | 120 | 60 | R  | 6K | 65 | M/M        | -/-   | - |
|                                                                               | 1.5 | 250 | 60 | R  | 6K |    |            |       |   |
| <b>400MSP f/b 1, 2, 3, 4, 5 or 6. 400 MDP f/b 1, 2 or 3</b>                   | 1   | 250 | 60 | R  | 6K | 65 | M/M        | -/-   | - |
|                                                                               | 3   | 120 | 60 | R  | 6K |    |            |       |   |
| <b>500ASSP1 f/b M2 or M6</b>                                                  | 3   | 120 | 60 | R  | 6K | 65 | 1/1 or 1/2 | -/-/A | - |
|                                                                               | 1   | 250 | 60 | R  | 6K |    |            |       |   |
| <b>500ASSP3 f/b M2 or M6</b>                                                  | 1.5 | 250 | 60 | R  | 6K | 65 | 2/1 or 2/2 | -/-/B | - |
|                                                                               | 3   | 125 | 60 | R  | 6K |    |            |       |   |
| <b>500S f/b DP or SP f/b 1, 2 or 3, f/b M1, M2, M6, M7 or VS2</b>             | 5   | 120 | 60 | R  | 6K | 65 | 1/2 or 2/2 | -/-/B | - |
|                                                                               | 2   | 250 | 60 | R  | 6K |    |            |       |   |
| <b>700 f/b SP7 or DP7, f/b M1.</b>                                            | 3   | 120 | 60 | R  | 6K | 65 | M/M        | -/-/B | - |
|                                                                               | 1   | 250 | 60 | R  | 6K |    |            |       |   |
| <b>800A f/b WSP8 or WSP9, f/b M1, M2, M6, M61, M7, or VS2</b>                 | 3   | 120 | 60 | R  | 6K | 75 | 1/1        | -/-/A | - |
|                                                                               | 1   | 250 | 60 | R  | 6K |    |            |       |   |
| <b>800SP9, 800SP8</b>                                                         | 1   | 250 | 60 | R  | 6K | 75 | 1/1        | -/-   | - |
|                                                                               | 3   | 120 | 60 | R  | 6K |    |            |       |   |
| <b>D-16</b>                                                                   | 0.2 | 250 | DC | -  | 6K | 55 | M/2        | PP/-  | - |
|                                                                               | 6   | 24  | DC | -  | 6K |    |            |       |   |
|                                                                               | 8   | 125 | 60 | GP | 6K |    |            |       |   |
|                                                                               | 5   | 250 | 60 | GP | 6K |    |            |       |   |
| <b>KO 113A, KO 113B, KO 113C</b>                                              | 4   | 120 | 60 | GP | 6K | 55 | 1/1        | -/-   | - |
|                                                                               | 2   | 250 | 60 | GP | 6K |    |            |       |   |

|                                                                                                                           |    |     |    |       |     |     |     |      |              |
|---------------------------------------------------------------------------------------------------------------------------|----|-----|----|-------|-----|-----|-----|------|--------------|
| <b>KO 113D</b>                                                                                                            | 4  | 120 | 60 | GP    | 6K  | 55  | 1/1 | -/-  | -            |
|                                                                                                                           | 2  | 250 | 60 | GP    | 6K  |     |     |      |              |
| <b>KO 128 f/b A, B, C, E, F, G, H</b>                                                                                     | 4  | 125 | 60 | GP    | 6K  | 55  | 1/1 | -/-  | -            |
|                                                                                                                           | 2  | 250 | 60 | GP    | 6K  |     |     |      |              |
| <b>KO 129, KO 130</b>                                                                                                     | 4  | 125 | 60 | GP    | 6K  | 105 | M/M | PP/- | -            |
|                                                                                                                           | 4  | 28  | DC | -     | 6K  |     |     |      |              |
|                                                                                                                           | 2  | 250 | 60 | GP    | 6K  |     |     |      |              |
| <b>LS f/b -00 thru -99, f/b C1, C2</b>                                                                                    | 15 | 125 | 60 | R     | 10K | 85  | 1/1 | -/-  | Note 5       |
|                                                                                                                           | 15 | 250 | 60 | R     | 10K |     |     |      |              |
| <b>LS08515 F/b 00 through 99 to represent actuating level, -00 means None, f/b C1 or C2 for quick-connected terminal.</b> | 15 | 125 | 60 | R     | 10K | 85  | 1/1 | -/-  | Note 5       |
|                                                                                                                           | 15 | 250 | 60 | R     | 10K |     |     |      |              |
| <b>MS Series</b>                                                                                                          | 5  | 125 | 60 | GP    | 10K | 75  | 1/2 | -/-  | Note 5       |
|                                                                                                                           | 5  | 250 | 60 | GP    | 10K |     |     |      |              |
| <b>MS08505 F/b Lever type 00, 01, 02, 03, or 05, f/b F, f/b 3 for Operating Force, f/b S1 or P1 for Terminal Type.</b>    | 5  | 125 | 60 | GP    | 10K | 75  | 1/2 | -/-  | Note 5       |
|                                                                                                                           | 5  | 250 | 60 | GP    | 10K |     |     |      |              |
| <b>R1966 or R19A</b>                                                                                                      | 6  | 250 | 60 | GP    | 6K  | 65  | 1/M | PP/- | 3            |
|                                                                                                                           | 15 | 125 | 60 | GP    | 6K  |     |     |      |              |
|                                                                                                                           | 8  | 250 | 60 | GP    | 6K  |     |     |      |              |
| <b>R3070 or R30</b>                                                                                                       | 15 | 125 | 60 | GP    | 6K  | 65  | 1/1 | -/-  | 2, 3, Note 1 |
|                                                                                                                           | 10 | 250 | 60 | GP    | 6K  |     |     |      |              |
| <b>R4</b>                                                                                                                 | 20 | 125 | 60 | 3/4hp | 6K  | 65  | 1/M | -/-  | 3            |
|                                                                                                                           | 16 | 250 | 60 | 1hp   | 6K  |     |     |      |              |

|                                                                                                                                                                          |     |         |       |    |     |    |     |        |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|-------|----|-----|----|-----|--------|-----------|
| <b>R4, R5 f/b A, B, C, E, F, H</b>                                                                                                                                       | 20  | 125     | 60    | GP | 6K  | 65 | M/M | -/-    | -         |
|                                                                                                                                                                          | 15  | 250     | 60    | GP | 6K  |    |     |        |           |
| <b>R4, R5 f/b D, G or I</b>                                                                                                                                              | 15  | 125     | 60    | GP | 6K  | 65 | M/M | -/-    | -         |
|                                                                                                                                                                          | 10  | 250     | 60    | GP | 6K  |    |     |        |           |
| <b>RP3508 f/b A or B, may be f/b L</b>                                                                                                                                   | 3   | 125     | 60    | GP | 6K  | 85 | 1/1 | -/-    | Note 6    |
|                                                                                                                                                                          | 1.5 | 250     | 60    | GP | 6K  |    |     |        |           |
| <b>RR3112 f/b A, B, BW, C, D, L or LP, f/b 01 or 02</b>                                                                                                                  | 16  | 125     | 60    | GP | 6K  | 85 | 1/M | -/-    | Note 1, 4 |
|                                                                                                                                                                          | 10  | 250     | 60    | GP | 6K  |    |     |        |           |
| <b>RR3130 f/b A, B or C</b>                                                                                                                                              | 10  | 125-250 | 60    | GP | 6K  | 65 | 2/M | PP/-   | 2         |
|                                                                                                                                                                          | 6   | 125-250 | 60    | GP | 6K  |    |     |        |           |
| <b>RR3402 f/b A, C or D</b>                                                                                                                                              | 6   | 125     | 60    | GP | 6K  | 55 | 1/M | -/-    | -         |
|                                                                                                                                                                          | 3   | 250     | 60    | GP | 6K  |    |     |        |           |
| <b>SS07503 Followed by -00 thru -03 representing actuating level, -00 means None, f/b P1, V1 or V2 for quick-connected terminal.</b>                                     | 3   | 125     | 60    | GP | 10K | 75 | 1/2 | -/-    | -         |
|                                                                                                                                                                          | 1.5 | 250     | 60    | GP | 10K |    |     |        |           |
| <b>ULV4F f/b 2, f/b 3, B, G or H, f/b N, S or 1, f/b N, S or 1, f/b none or G, f/b none, 2, 3 or 5, f/b none, 0, 1, 2, 3, 4, 5, G or P, f/b none, 1, 3, 4, 5, 6 or 7</b> | 3   | 125-250 | 50/60 | R  | 50K | 65 | 2/2 | -/A,B  | Note 6    |
| <b>ULV4F2GSSDF</b>                                                                                                                                                       | 3   | 125-250 | 50/60 | R  | 50K | 65 | 2/2 | -/-A,B | Note 6    |
| <b>ULV7F f/b 2, f/b 3, B, G or H, f/b S or 1, f/b S or 1, f/b none or G, f/b 3 or 6, f/b 0, 1, 2, 3, 4, 5, G or P, f/b 1, 3, 4, 5, 6 or 7</b>                            | 3   | 125-250 | 50/60 | R  | 50K | 65 | 2/2 | -/A,B  | Note 6    |
| <b>ULV8F f/b 2, f/b 3, B, G or H, f/b S or 1, f/b S or 1, f/b none or G, f/b 3, f/b 0, 1, 2, 3, 4, 5, G or P, f/b 1, 3, 4, 5, 6 or 7</b>                                 | 3   | 125-250 | 50/60 | R  | 50K | 65 | 2/2 | -/A,B  | Note 6    |
| <b>WMDP1</b>                                                                                                                                                             | 1.5 | 250     | 60    | R  | 6K  | 65 | M/M | -/-    | -         |

|                                                                                                                                                                                                                                                 |     |     |    |   |    |    |     |     |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|---|----|----|-----|-----|---|
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMDP2</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMDP3</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMDP6 may be f/b T1 or T2, f/b A1, f/b M2, M6, M61, M7 or VS2, f/b Q, f/b E, f/b 200B, f/b WMSP1 f/b T2 or A1, f/b SM6, f/b Q, f/b E or may be f/b R1, f/b M1, M2, M6, M7 or VS2, f/b Q, f/b E, /b 400B, f/b WMSP1, f/b R1, f/b MT or MZ</b> | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP1</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP2</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP3</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP4</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP5</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |
| <b>WMSP6</b>                                                                                                                                                                                                                                    | 1.5 | 250 | 60 | R | 6K | 65 | M/M | -/- | - |
|                                                                                                                                                                                                                                                 | 3   | 120 | 60 | R | 6K |    |     |     |   |

A1 - These switches should not be operated under more one load in the end-product.

Note 1 - The suitability of the actuator button material as an enclosure has not been investigated.

Note 2 - Terminations other than solder connections should be evaluated for compliance with the end-use product standard.

Note 3 - This switch has been investigated only for voltage changing and is not intended to be operated under load.

Note 4 - These switches employ a lamp that is powered by a separate DC source. Lamp DC source should be evaluated for compliance with the end-use standard.

Note 5 - The switch was subjected to a minimum 10,000 cycle endurance Test.

Note 6 - These switches may be provided with a light. Lamp life has not been evaluated.

Note 7 - These are lighted switches employing a lamp. The lamp life should be evaluated when required by the end-use product Standard.

Note 8 - Model PB1973 is provided with an additional set of contacts in switch body for illuminate using. The contacts were not tested, and the suitability of the contacts shall be determined in the end-product appliances.

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