

## TIMER CROSS REFERENCE Saia-Burgess vs Sprecher+Schuh

| P/N Saia-Burgess   | P/N Sprecher+Schuh | S+S 10-digit # | Description, Specifics   |
|--------------------|--------------------|----------------|--|
| <b>DIN 17.5 mm</b> |                    |                | <b>SPST; 24V AC/DC – 110...240 VAC</b>                                       |
| KOL111H7MRVMN00    | RZ7-FEA1TU22       | 26.511.259-30  | On-delay w/voltage control   |
| KOL112H7MRVMN00    | RZ7-FEB1TU22       | 26.511.259-31  | Off-delay  |
| KOL121H7MRVMN00    | RZ7-FED1TU22       | 26.511.259-32  | Interval w/voltage control   |
| KOL142H7MRVMN00    | RZ7-FEF1TU22       | 26.511.259-33  | Flasher repeat cycle   |
| KOL160H7MRVMN00    | RZ7-FEM1TU22       | 26.511.258-34  | Multi-Function; Multi-Time   |
| <b>DIN 17.5 mm</b> |                    |                | <b>SPDT; 24...240 VAC; 24...48 VDC</b>                                       |
| KOL311H7MRVPN00    | RZ7-FEA3TU23       | 26.511.270-31  | On-delay w/voltage control   |
| KOL312H7MRVPN00    | RZ7-FEB3TU23       | 26.511.270-32  | Off-delay  |
| KOL321H7MRVPN00    | RZ7-FED3TU23       | 26.511.270-34  | Interval w/voltage control   |
| KOL322H7MRVPN00    | RZ7-FEE3TU23       | 26.511.270-35  | Fleeting off delay   |
| KOL342H7MRVPN00    | RZ7-FEF3TU23       | 26.511.270-36  | Flasher repeat cycle starts w/pulse  |
| KOL323H7MRVPN00    | RZ7-FEL3TU23       | 26.511.270-42  | Pulse converter (single shot)  |
| KOL360H7MRVPN00    | RZ7-FEM3TU23       | 26.511.270-43  | Multi-Function; Multi-Time   |
| <b>DIN 17.5 mm</b> |                    |                | <b>DPST; 24...240 VAC; 24...48 VDC</b>                                       |
| KOL251H7MKVPN00    | RZ7-FEY2QU23       | 26.511.281-45  | Star-Delta motor starter, 10s, 30s, 60s, 3 min, 10 min                       |
| <b>DIN 22,5 mm</b> |                    |                | <b>SPDT; 24...240 VAC; 24...48 VDC</b>                                       |
| KOP111J7 ** VPN00  | RZ7-FSA3 * U23     | 26.511.***-31  | On-delay   |
| KOP112J7 ** VPN00  | RZ7-FSB3 * U23     | 26.511.***-32  | Off-delay  |
| KOP116J7 ** VPN00  | RZ7-FSC3 * U23     | 26.511.***-33  | On-and off-delay   |
| KOP121J7 ** VPN00  | RZ7-FSD3 * U23     | 26.511.***-34  | One shot   |
| KOP122J7 ** VPN00  | RZ7-FSE3 * U23     | 26.511.***-35  | Fleeting off-delay   |
| KOP142J7 ** VPN00  | RZ7-FSF3 * U23     | 26.511.***-36  | Symmetric flasher starting w/pulse   |
| KOP141J7 ** VPN00  | RZ7-FSG3 * U23     | 26.511.***-37  | Symmetric flasher starting w/pause   |
| KOP124J7 ** VPN00  | RZ7-FSI3 * U23     | 26.511.***-39  | On-delay pulse generator   |
| KOP118J7 ** VPN00  | RZ7-FSJ3 * U23     | 26.511.***-40  | On-delay (pulse controlled)  |
| KOP128J7 ** VPN00  | RZ7-FSK3 * U23     | 26.511.***-41  | One shot/watch dog (pulse controlled)  |
| KOP123J7 ** VPN00  | RZ7-FSL3 * U23     | 26.511.***-42  | Impulse converter  |
| <b>DIN 22,5 mm</b> |                    |                | <b>SPDT, Multi-Time, 24...240 VAC; 24...48 VDC</b>                           |
| KOP111J7MWVPN00    | RZ7-FSA3UU23       | 26.511.121-31  | On-delay   |
| KOP112J7MWVPN00    | RZ7-FSB3UU23       | 26.511.121-32  | Off-delay  |
| KOP160J7MWVPN00    | RZ7-FSM3UU23       | 26.511.121-43  | Multi-Function   |
| <b>DIN 22.5 mm</b> |                    |                | <b>DPST; 24...240 VAC; 24...48 VDC</b>                                       |
| KOP251J7 ** VPN00  | RZ7-FSY2 * U23     | 26.511.***-45  | Star-Delta motor starter,<br>***only avail. for 10s, 30s, 60s, 3 min, 10 min |

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| P/N Saia-Burgess                      | P/N Sprecher+Schuh | S+S 10-digit # | Description, Specifics   |
|---------------------------------------|--------------------|----------------|--|
| DIN 22,5 mm<br>KOP170J7MWVPN00        | RZ7-FSH3VU23       | 26.511.122-38  | SPDT, Multi-Time, 24...240 VAC; 24...48 VDC<br>Asymmetrical impulser, 2 x 0.05s – 60 h |
| DIN 22,5 mm<br>KOP511K7MWVPN00        | RZ7-FSA4UU23       | 26.511.131-31  | DPDT, Multi-Time, 24...240 VAC; 24...48 VDC<br>On-delay                                |
| KOP512K7MWVPN00                       | RZ7-FSB4UU23       | 26.511.131-32  | Off-delay  |
| KOP560K7MWVPN00                       | RZ7-FSM4UU23       | 26.511.131-43  | Multi-Function   |
| DIN 22,5 mm<br>KOP160J7MWVAN00        | RZ7-FSM3UU18       | 26.511.121-63  | Multi-Time, Universal Voltage 24...240 VAC/DC<br>Multi-Function, SPDT                  |
| KOP560K7MWVAN00                       | RZ7-FSM4UU18       | 26.511.131-63  | Multi-Function, DPDT   |
| DIN 22,5 mm<br>KOP119K7MWVAN00        | RZ7-FSQ3QU18       | 26.511.117-65  | Multi-Time, Univ. Voltage 24...240 VAC/DC<br>True off delay (power off), SPDT          |
| KOP219K7MWVAN00                       | RZ7-FSQ4QU18       | 26.511.137-65  | True off delay (power off), DPDT   |
| Spez. Hazard. Location<br>DIN 22.5 mm | UL / ATEX          |                | 24...240 VAC; 24...48 VDC  |
| KOP128J7BAVPN22                       | RZ7-FSK3AU23-EX    | n/a as S+S     | One shot/watch dog, 1s, SPDT   |
| KOP128J7EAVPN22                       | RZ7-FSK3CU23-EX    | n/a as S+S     | One shot/watch dog, 10s, SPDT  |
| KOP160J7MWVPN22                       | RZ7-FSM3UU23-EX    | n/a as S+S     | Multi-Function; Multi-Time, SPDT   |
| KOP560K7MWVPN27                       | RZ7-FSM4UU23-EX    | n/a as S+S     | Multi-Function; Multi-Time, DPDT   |

| ** | * Mono Time Range | 0.05...1s       | **Saia | I | *S+S | I | *** S+S | Article Codes    |
|----|-------------------|-----------------|--------|---|------|---|---------|------------------|
|    |                   | 0.15...3s       | BA     |   | A    |   | 101     |                  |
|    |                   | 0.5...10s       | CA     |   | B    |   | 102     |                  |
|    |                   | 1.5...30s       | EA     |   | C    |   | 103     | 183 <sup>1</sup> |
|    |                   | 0.05...60s      | FA     |   | D    |   | 104     | 184 <sup>1</sup> |
|    |                   | 0.15...3min     | GA     |   | E    |   | 105     | 185 <sup>1</sup> |
|    |                   | 0.5...10min     | HA     |   | F    |   | 106     | 186 <sup>1</sup> |
|    |                   | 1.5...30min     | KA     |   | G    |   | 107     | 187 <sup>1</sup> |
|    |                   | 0.05...1h       | LA     |   | H    |   | 108     |                  |
|    |                   | 0.15...3h       | NA     |   | I    |   | 109     |                  |
|    |                   | 0.5...10h       | PA     |   | J    |   | 110     |                  |
|    |                   | 3.0...60h       | RA     |   | K    |   | 111     |                  |
|    |                   |                 | WA     |   | L    |   | 112     |                  |
|    | Multi-Time Range  | 0.05s...60h     | MW     |   | U    |   | 121     |                  |
|    |                   | 2 x 0.05s...60h | MW     |   | V    |   | 122     |                  |

1) 26.511.xxx-45 Start Delta M Starter only

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### Special Voltages

| P/N Saia-Burgess                | P/N Sprecher+Schuh | S+S 10-digit # | Description, Specifics                  |
|---------------------------------|--------------------|----------------|---|
| <b>DIN 22.5 mm</b>              |                    |                |   |
| <b>SPDT, 12 VDC</b>             |                    |                |   |
| KOP111J7 ** M1N00               | RZ7-FSA3 * Z12     | 26.511.***-01  | On-delay                                |
| KOP112J7 ** M1N00               | RZ7-FSB3 * Z12     | 26.511.***-02  | Off-delay                               |
| KOP116J7 ** M1N00               | RZ7-FSC3 * Z12     | 26.511.***-03  | On-and off-delay                        |
| KOP121J7 ** M1N00               | RZ7-FSD3 * Z12     | 26.511.***-04  | One shot                                |
| KOP122J7 ** M1N00               | RZ7-FSE3 * Z12     | 26.511.***-05  | Fleeting off-delay                      |
| KOP142J7 ** M1N00               | RZ7-FSF3 * Z12     | 26.511.***-06  | Symmetric flasher starting w/pulse      |
| KOP141J7 ** M1N00               | RZ7-FSG3 * Z12     | 26.511.***-07  | Symmetric flasher starting w/pause      |
| KOP124J7 ** M1N00               | RZ7-FSI3 * Z12     | 26.511.***-09  | On-delay pulse generator                |
| KOP118J7 ** M1N00               | RZ7-FSJ3 * Z12     | 26.511.***-10  | On-delay (pulse controlled)             |
| KOP128J7 ** M1N00               | RZ7-FSK3 * Z12     | 26.511.***-11  | One shot/watch dog (pulse controlled)   |
| KOP123J7 ** M1N00               | RZ7-FSL3 * Z12     | 26.511.***-12  | Impulse converter                       |
| <b>DIN 22.5 mm</b>              |                    |                |   |
| <b>SPDT, Multi-Time, 12 VDC</b> |                    |                |   |
| KOP111J7MWM1N00                 | RZ7-FSA3UZ12       | 26.511.121-01  | On-delay                                |
| KOP112J7MWM1N00                 | RZ7-FSB3UZ12       | 26.511.121-02  | Off-delay                               |
| KOP160J7MWM1N00                 | RZ7-FSM3UZ12       | 26.511.121-13  | Multi-function                          |
| <b>DIN 22.5 mm</b>              |                    |                |   |
| <b>SPDT, Multi-Time, 12 VDC</b> |                    |                |   |
| KOP170J7MWM1N00                 | RZ7-FSH3VZ12       | 26.511.122-08  | Asymmetrical impulser, 2 x 0.05s – 60 h |
| <b>DIN 22,5 mm</b>              |                    |                |   |
| <b>DPDT, Multi-Time, 12 VDC</b> |                    |                |   |
| KOP511K7MWM1N00                 | RZ7-FSA4UZ12       | 26.511.131-01  | On-delay                                |
| KOP512K7MWM1N00                 | RZ7-FSB4UZ12       | 26.511.131-02  | Off-delay                               |
| KOP560K7MWM1N00                 | RZ7-FSM4UZ12       | 26.511.131-13  | Multi-function                          |
| <b>DIN 22.5</b>                 |                    |                |   |
| <b>SPDT, 400 VAC</b>            |                    |                |   |
| KOP111J7 ** E9N00               | RZ7-FSA3 * A40     | 26.511.***-71  | On-delay                                |
| KOP112J7 ** E9N00               | RZ7-FSB3 * A40     | 26.511.***-72  | Off-delay                               |
| KOP116J7 ** E9N00               | RZ7-FSC3 * A40     |                | On-and off-delay                        |
| KOP121J7 ** E9N00               | RZ7-FSD3 * A40     |                | One shot                                |
| KOP122J7 ** E9N00               | RZ7-FSE3 * A40     |                | Fleeting off-delay                      |
| KOP142J7 ** E9N00               | RZ7-FSF3 * A40     |                | Symmetric flasher starting w/pulse      |
| KOP141J7 ** E9N00               | RZ7-FSG3 * A40     |                | Symmetric flasher starting w/pause      |
| KOP124J7 ** E9N00               | RZ7-FSI3 * A40     |                | On-delay pulse generator                |
| KOP118J7 ** E9N00               | RZ7-FSJ3 * A40     |                | On-delay (pulse controlled)             |
| KOP128J7 ** E9N00               | RZ7-FSK3 * A40     |                | One shot/watch dog (pulse controlled)   |
| KOP123J7 ** E9N00               | RZ7-FSL3 * A40     |                | Impulse converter                       |

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### Special Voltages

| P/N Saia-Burgess                 | P/N Sprecher+Schuh | S+S 10-digit # | Description, Specifics                                 |
|----------------------------------|--------------------|----------------|--|
| <b>22.5 mm</b>                   |                    |                |  |
| <b>DPST; 400 VAC</b>             |                    |                |  |
| KOP251J7 ** E9N00                | RZ7-FSY2 * A40     | 26.511.***-85  | Star-Delta motor starter, 10s, 30s, 60s, 3 min, 10 min |
| <b>22.5 mm</b>                   |                    |                |  |
| <b>SPDT, Multi-Time, 400 VAC</b> |                    |                |  |
| KOP111J7MWE9N00                  | RZ7-FSA3UA40       | 26.511.121-71  | On-delay   |
| KOP112J7MWE9N00                  | RZ7-FSB3UA40       | 26.511.121-72  | Off-delay  |
| KOP160J7MWE9N00                  | RZ7-FSM3UA40       | 26.511.121-83  | Multi-function   |
| <b>22.5 mm</b>                   |                    |                |  |
| <b>SPDT, Multi-Time, 400 VAC</b> |                    |                |  |
| KOP170J7MWE9N00                  | RZ7-FSH3VA40       | 26.511.122-78  | Asymmetrical impulser, 2 x 0.05s – 60 h                |
| <b>22.5 mm</b>                   |                    |                |  |
| <b>DPDT, Multi-Time, 400 VAC</b> |                    |                |  |
| KOP511K7MWE9N00                  | RZ7-FSA4UA40       | 26.511.131-71  | On-delay   |
| KOP512K7MWE9N00                  | RZ7-FSB4UA40       | 26.511.131-72  | Off-delay  |
| KOP560K7MWE9N00                  | RZ7-FSM4UA40       | 26.511.131-83  | Multi-function   |
| <b>Accessories</b>               |                    |                |  |
| CJ771 (4 268 5051 0)             | RZ7-FSK            | 26.511.702-99  | Setting Knob, extruded                                 |
| CJ260 (4 639 4885 0)             | RZ7-FSA            | 26.506.221-01  | Screw Adapter  |

| ** | * Mono Time Range       | 0.05...1s       | BA | A | 101                    | Article Codes |
|----|-------------------------|-----------------|----|---|------------------------|---------------|
|    |                         | 0.15...3s       | CA | B | 102                    |               |
|    |                         | 0.5...10s       | EA | C | 103   183 <sup>1</sup> |               |
|    |                         | 1.5...30s       | FA | D | 104   184 <sup>1</sup> |               |
|    |                         | 0.05...60s      | GA | E | 105   185 <sup>1</sup> |               |
|    |                         | 0.15...3min     | HA | F | 106   186 <sup>1</sup> |               |
|    |                         | 0.5...10min     | KA | G | 107   187 <sup>1</sup> |               |
|    |                         | 1.5...30min     | LA | H | 108                    |               |
|    |                         | 0.05...1h       | NA | I | 109                    |               |
|    |                         | 0.15...3h       | PA | J | 110                    |               |
|    |                         | 0.5...10h       | RA | K | 111                    |               |
|    |                         | 3.0...60h       | WA | L | 112                    |               |
|    | <b>Multi-Time Range</b> | 0.05s...60h     | MW | U | 121                    |               |
|    |                         | 2 x 0.05s...60h | MW | V | 122                    |               |

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