


■ Solid-state Contactors


● 3-pole Solid-state contactors

| Series Standard | Rated main-circuit voltage | Type | | Number of main circuit elements | Continuous current [A] | Max. motor capacity [HP] (at 60 Hz) | | | | UL File No. |
|--|----------------------------|-----------|--------------------------------|---------------------------------|------------------------|-------------------------------------|----------|----------|----------|-------------|
| | | Main body | Cooling fin | | | Single-phase | | 3-phase | | |
| | | | | | | 110-120V | 220-240V | 220-240V | 440-480V | |
| SS Series  | 100-240V AC | SS032 | - | 2 | 3 | - | 1/10 | 1/2 | - | E132864 |
| | | SS033 | - | 3 | 3 | - | 1/10 | 1/2 | - | |
| | | SS082 | Fins integrated into main body | 2 | 8 | 1/10 | 1/4 | 3/4 | - | |
| | | SS083 | | 3 | 8 | 1/10 | 1/4 | 3/4 | - | |
| | | SS202 | SX1-D10 | 2 | 20 | 1/6 | 1/2 | 1 1/2 | - | |
| | | SS203 | SX1-D10 | 3 | 20 | 1/6 | 1/2 | 1 1/2 | - | |
| | | SS302 | SX1-D10 | 2 | 30 | 1/3 | 1 | 2 | - | |
| | | SS303 | SX1-E12 | 3 | 30 | 1/3 | 1 | 2 | - | |
| | | SS402 | SX1-D14 | 2 | 40 | 1/2 | 1 1/2 | 3 | - | |
| | | SS403 | SX1-E12 | 3 | 40 | 1/2 | 1 1/2 | 3 | - | |
| | | SS502 | SX1-E12 | 2 | 50 | 1 | 3 | 5 | - | |
| | | SS503 | SX1-E17 | 3 | 50 | 1 | 3 | 5 | - | |
| | | SS802 | SX1-C12 | 2 | 80 | 3 | 5 | 10 | - | |
| | | SS803 | SX1-C12 | 3 | 80 | 3 | 5 | 10 | - | |
| | SS1202 | SX1-C12 | 2 | 120 | 3 | 5 | 10 | - | | |
| | SS1203 | SX1-C12 | 3 | 120 | 3 | 5 | 10 | - | | |
| | 200-480V AC | SS302H | SX1-E12 | 2 | 30 | - | 1 | 5 | - | |
| | | SS303H | SX1-E12 | 3 | 30 | - | 1 | 5 | - | |
| | | SS502H | SX1-E12 | 2 | 50 | - | 3 | 5 | 10 | |
| | | SS503H | SX1-E17 | 3 | 50 | - | 3 | 5 | 10 | |
| SS802H | | SX1-C12 | 2 | 80 | - | 5 | 10 | 20 | | |
| SS803H | | SX1-C12 | 3 | 80 | - | 5 | 10 | 20 | | |
| SS1202H | SX1-C12 | 2 | 120 | - | 5 | 10 | 20 | | | |
| SS1203H | SX1-C12 | 3 | 120 | - | 5 | 10 | 20 | | | |


Notes 1: Figures in "Continuous current" and "Max. motor capacity" columns are those when operated at 40 °C in ambient temperature with cooling fins mounted.

2: Motor running conditions: make-break frequency = 1200 times per hour; duty cycle = 25%; motor starting current = 6 times the total load current; motor starting time = 0.7 second or less.

● Single-pole Solid-state contactors

| Series Standard | Rated main-circuit voltage | Type | Number of main circuit elements | Continuous current [A] | Max. motor capacity [HP] (at 60 Hz) | | | | UL File No. |
|--|----------------------------|-------------|---------------------------------|------------------------|-------------------------------------|-------|---------|------|-------------|
| | | | | | Single-phase | | 3-phase | | |
| | | | | | 120V | 240V | 240V | 480V | |
| SS Series  | 100-240V AC | SS101 | 1 | 10 | - | - | - | - | E132864 |
| | | SS201 | 1 | 20 | - | - | - | - | |
| | | SS301 | 1 | 30 | - | - | - | - | |
| | | SS401 | 1 | 40 | - | - | - | - | |
| | | SS501 | 1 | 50 | - | - | - | - | |
| | | SS701 | 1 | 70 | 2 | 5 | 3 | 10 | |
| | | SS1001 | 1 | 100 | 3 | 7 1/2 | 5 | 15 | |
| | | SS1501 | 1 | 150 | 5 | 10 | 10 | 20 | |
| | | SS2001 | 1 | 200 | 7 1/2 | 15 | 10 | 30 | |
| | | 200-480V AC | SS701H | 1 | 70 | 5 | 10 | 10 | |
| | SS1001H | | 1 | 100 | 7 1/2 | 15 | 15 | 30 | |
| | SS1501H | | 1 | 150 | 10 | 25 | 20 | 40 | |
| | SS2001H | | 1 | 200 | 20 | 40 | 30 | 60 | |

● Solid-state contactor for DC load or exclusively for heater load

| Series Standard | Rated main-circuit voltage | Type | Number of main circuit elements | Continuous current [A] | UL File No. |
|--|----------------------------|--------|---------------------------------|------------------------|-------------|
| For DC load | 24 -240V DC | SS031D | 1 | 3 | E142975 |
| Exclusively for heater load  | 100-240V AC | SS101C | 1 | 10 | |
| | | SS201C | | 20 | |
| | | SS301C | | 30 | |