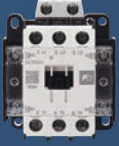
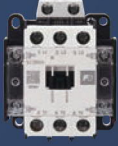


# Product lineup

| Frame                                                    |                                                              |               | 09                                                                                | 12                                                                                  | 18                                                                                  |                                                                                     |       |
|----------------------------------------------------------|--------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
| Appearance of magnetic contactors                        |                                                              |               |  |  |  |  |       |
| Type                                                     | Magnetic contactors                                          |               | SC09X                                                                             | SC12X                                                                               | SC18X                                                                               | SC20X                                                                               |       |
|                                                          | Magnetic starters                                            |               | SW09X                                                                             | SW12X                                                                               | SW18X                                                                               | SW20X                                                                               |       |
|                                                          | Thermal overload relays                                      |               | TR18X                                                                             |                                                                                     |                                                                                     |                                                                                     | TR38X |
| Auxiliary contact arrangement                            |                                                              |               | 1NO, 1NC                                                                          | 1NO, 1NC                                                                            | 1NO, 1NC                                                                            | 1NO, 1NC                                                                            |       |
| Rating<br>(IEC 60947-4-1,<br>JIS standard<br>compliance) | Three-phase squirrel-cage motor<br>capacity<br>(AC-3, AC-3e) | 200 to 240V   | 2.5kW                                                                             | 3.5kW                                                                               | 4kW                                                                                 | 5kW                                                                                 |       |
|                                                          |                                                              | 380 to 440V   | 11A                                                                               | 13A                                                                                 | 18A                                                                                 | 20A                                                                                 |       |
|                                                          |                                                              |               | 4kW                                                                               | 5.5kW                                                                               | 7.5kW                                                                               | 10kW                                                                                |       |
|                                                          |                                                              | 500 to 550V   | 9A                                                                                | 12A                                                                                 | 18A                                                                                 | 20A                                                                                 |       |
|                                                          |                                                              |               | 4kW                                                                               | 5.5kW                                                                               | 7.5kW                                                                               | 11kW                                                                                |       |
|                                                          |                                                              | 600 to 690V   | 7A                                                                                | 9A                                                                                  | 13A                                                                                 | 17A                                                                                 |       |
|                                                          |                                                              |               | 4kW                                                                               | 5.5kW                                                                               | 7.5kW                                                                               | 7.5kW                                                                               |       |
|                                                          | Conventional free air thermal current (Ith)                  |               | 20A                                                                               | 20A                                                                                 | 25A                                                                                 | 32A                                                                                 |       |
| Outline<br>[mm]                                          | AC operated products                                         | W             | 43                                                                                | 43                                                                                  | 43                                                                                  | 53                                                                                  |       |
|                                                          |                                                              | H             | 80                                                                                | 80                                                                                  | 80                                                                                  | 80                                                                                  |       |
|                                                          |                                                              | D             | 78                                                                                | 78                                                                                  | 78                                                                                  | 82                                                                                  |       |
| Specifications                                           |                                                              |               |                                                                                   |                                                                                     |                                                                                     |                                                                                     |       |
| Magnetic<br>contactors                                   | AC operated types (standard types)                           | SC □ X(D)A    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | AC operated reversing types                                  | SC □ X(D)AR   | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | DC operated types                                            | SC □ X(D)G    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | DC operated types<br>(low power consumption types)           | SC □ X(D)G-L  | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | Types with super magnets<br>(AC/DC dual operating types)     | SC □ XS       | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |       |
|                                                          | Extra pick-up operating coil types                           | SC □ X(D)U    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | Mechanical latch types<br>(AC/DC dual operating types)       | SC □ X(D)V    | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |       |
| Magnetic<br>starters                                     | AC operated types (standard types)                           | SW □ X(D)A    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | AC operated reversing types                                  | SW □ X(D)AR   | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | DC operated types                                            | SW □ X(D)G    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | DC operated types<br>(low power consumption types)           | SW □ X(D)G-L  | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | Extra pick-up operating coil types                           | SW □ X(D)U    | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | Types with 3-element thermal overload relays                 | SW □ X(D) □ 3 | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |
|                                                          | Types with 2E thermal overload relays                        | SW □ X(D) □ K | ○                                                                                 | ○                                                                                   | ○                                                                                   | ○                                                                                   |       |



| 20                                                                                |          | 26                                                                                |                                                                                   | 32                                                                                | 38                                                                                |                                                                                    | 40                                                                                  | 50                                                                                  | 65                                                                                  |
|-----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |          |  |  |  |  |  |  |  |  |
| SC20D                                                                             |          | SC26X                                                                             | SC26D                                                                             | SC32X                                                                             | SC38X                                                                             | SC38D                                                                              | SC40X                                                                               | SC50X                                                                               | SC65X                                                                               |
| SW20D                                                                             |          | SW26X                                                                             | SW26D                                                                             | —                                                                                 | SW38X                                                                             | SW38D                                                                              | SW40X                                                                               | SW50X                                                                               | SW65X                                                                               |
| TR38X                                                                             |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    | TR65X                                                                               |                                                                                     |                                                                                     |
| 2NO, 1NO1NC, 2NC                                                                  | 1NO, 1NC | 2NO, 1NO1NC, 2NC                                                                  | 1NO, 1NC                                                                          | 1NO, 1NC                                                                          | 2NO, 1NO1NC, 2NC                                                                  | 1NO1NC                                                                             | 1NO1NC                                                                              | 1NO1NC                                                                              | 1NO1NC                                                                              |
| 5kW                                                                               | 5.5kW    | 5.5kW                                                                             | 7.5kW                                                                             | 11kW                                                                              | 11kW                                                                              | 11kW                                                                               | 15kW                                                                                | 18.5kW                                                                              | 18.5kW                                                                              |
| 20A                                                                               | 26A      | 26A                                                                               | 32A                                                                               | 38A                                                                               | 38A                                                                               | 40A                                                                                | 50A                                                                                 | 65A                                                                                 | 65A                                                                                 |
| 10kW                                                                              | 11kW     | 11kW                                                                              | 15kW                                                                              | 18.5kW                                                                            | 18.5kW                                                                            | 18.5kW                                                                             | 22kW                                                                                | 30kW                                                                                | 30kW                                                                                |
| 20A                                                                               | 26A      | 26A                                                                               | 32A                                                                               | 38A                                                                               | 38A                                                                               | 40A                                                                                | 50A                                                                                 | 65A                                                                                 | 65A                                                                                 |
| 11kW                                                                              | 11kW     | 11kW                                                                              | 15kW                                                                              | 15kW                                                                              | 15kW                                                                              | 18.5kW                                                                             | 25kW                                                                                | 37kW                                                                                | 37kW                                                                                |
| 17A                                                                               | 17A      | 17A                                                                               | 24A                                                                               | 24A                                                                               | 24A                                                                               | 29A                                                                                | 38A                                                                                 | 60A                                                                                 | 60A                                                                                 |
| 7.5kW                                                                             | 7.5kW    | 7.5kW                                                                             | 11kW                                                                              | 11kW                                                                              | 11kW                                                                              | 15kW                                                                               | 22kW                                                                                | 30kW                                                                                | 30kW                                                                                |
| 9A                                                                                | 9A       | 9A                                                                                | 15A                                                                               | 15A                                                                               | 15A                                                                               | 19A                                                                                | 26A                                                                                 | 38A                                                                                 | 38A                                                                                 |
| 32A                                                                               | 50A      | 50A                                                                               | 50A                                                                               | 50A                                                                               | 50A                                                                               | 80A                                                                                | 80A                                                                                 | 80A                                                                                 | 80A                                                                                 |
| 64                                                                                | 53       | 64                                                                                | 53                                                                                | 53                                                                                | 64                                                                                | 64                                                                                 | 64                                                                                  | 64                                                                                  | 64                                                                                  |
| 80                                                                                | 80       | 80                                                                                | 80                                                                                | 80                                                                                | 80                                                                                | 89                                                                                 | 89                                                                                  | 89                                                                                  | 89                                                                                  |
| 82                                                                                | 82       | 82                                                                                | 82                                                                                | 82                                                                                | 82                                                                                | 93                                                                                 | 93                                                                                  | 93                                                                                  | 93                                                                                  |

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○: On sale, ●: Coming soon (FY 2024), —: Not available