Soft starters
Altistart 01
for asynchronous motors

Catalog
October 2014
How can you fit a 6000-page catalog in your pocket?

Schneider Electric provides you with the complete set of industrial automation catalogs all on a handy USB key for PC or in an application for tablets.

Digi-Cat, a handy USB key for PC

- Convenient to carry
- Always up-to-date
- Environmentally friendly
- Easy-to-share format

Contact your local representative to get your own Digi-Cat.

e-Library, the app for tablets

If you have an iPad:
- Go to the App Store and search for e-Library
- or scan the QR code

If you have an Android tablet:
- Go to the Google Play Store™ and search for eLibrary
- or scan the QR code
General contents

Altistart 01 ........................................ 1
Altistart U01 ........................................ 2
Product reference index ..................... 3
1 - Altistart 01 soft starters

Selection guide ................................................................. page 1/2

- Presentation ........................................................................................................ page 1/4
- References .......................................................................................................... page 1/6
- Soft starters/options combinations ................................................................. page 1/7
### Selection guide

#### Soft starters for asynchronous motors

**Applications**

- Starting simple machines
- Controlled starting and deceleration of simple machines

**Power range for 50...60 Hz line supply (kW/HP)**

<table>
<thead>
<tr>
<th>Single-phase</th>
<th>0.37...110...1.5</th>
<th>0.75...15/1...20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three-phase</td>
<td>0.37...2.2</td>
<td>0.75...7/5...10</td>
</tr>
<tr>
<td>Three-phase</td>
<td>0.37...110...1.5</td>
<td>–</td>
</tr>
<tr>
<td>Three-phase</td>
<td>0.37...220/300</td>
<td>–</td>
</tr>
<tr>
<td>Three-phase</td>
<td>0.37...380/440</td>
<td>–</td>
</tr>
</tbody>
</table>

**Drive**

- Number of controlled phases
- Type of control
- Operating cycle

<table>
<thead>
<tr>
<th>Number of controlled phases</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of control</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Operating cycle</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

**Functions**

- Bypass
- Integrated
- Available as an option

<table>
<thead>
<tr>
<th>Number of I/Os</th>
<th>Analog inputs</th>
<th>Logic inputs</th>
<th>Analog outputs</th>
<th>Logic outputs</th>
<th>Relay outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communication</th>
<th>Integrated</th>
<th>Available as an option</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

**Communication**

- Integrated
- Available as an option

<table>
<thead>
<tr>
<th>Standards and certifications</th>
<th>IEC/EN 60947-4-2, UL, CSA, C-Tick, and CCC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IEC/EN 60947-4-2, EMC class A, UL, CSA, C-Tick, and CCC</td>
</tr>
<tr>
<td></td>
<td>IEC/EN 60947-4-2, EMC class A and B, UL, CSA, DNV, C-Tick, GOST, CCC, DNV, SEPRO, and TCF</td>
</tr>
</tbody>
</table>

**References**

- ATS01N1####  
- ATS01N2####  
- ATS22####  
- ATS48####Q  
- ATS48####Y  

**Pages**

1/6

---

More technical information on [www.schneider-electric.com](http://www.schneider-electric.com)
Presentation

The Altistart 01 soft starter operates either as a torque limiter on starting, or as a soft start/soft stop unit for asynchronous motors.

Using the Altistart 01 starter enhances the starting performance of asynchronous motors by allowing them to start gradually, smoothly, and in a controlled manner. It helps to prevent mechanical shocks, which cause wear and tear, and subsequent maintenance work and production downtime.

The Altistart U01 limits the starting torque and current peaks on starting on machines that do not require a high starting torque.

It is designed for the following simple applications:
- conveyors
- conveyor belts
- pumps
- fans
- compressors
- automatic doors and gates
- small cranes
- belt-driven machinery, etc.

The Altistart 01 is compact, easy to install, and can be mounted side-by-side. It complies with standards IEC/EN 60947-4-2, and carries UL, CSA, C-Tick, and CCC certifications, and CE marking.

The Altistart 01 soft start/soft stop unit offer comprises 3 ranges:

- **ATS01N1**:
  - These control one phase of the motor power supply (single-phase or three-phase) to limit the starting torque.
  - They feature an internal bypass relay.
  - Motor power ratings range from 0.37 kW to 11 kW.
  - Motor supply voltages range from 110 V to 480 V, 50/60 Hz. An external power supply is required for controlling the starter.
  - A contactor is always required to shut off power to the motor.

- **ATS01N2**:
  - These control two phases of the motor power supply to limit the starting current and for deceleration.
  - They feature an internal bypass relay.
  - Motor power ratings range from 0.75 kW to 15 kW.
  - The motor supply voltages are as follows: 230 V, 400 V, and 480 V, 50/60 Hz.
  - The use of a line contactor is not necessary on machines where electrical isolation is not required.

- **ATSU01N2**:
  - See page 2/2.

Description

Altistart 01 soft starters (ATS01N1) are equipped with:
- a potentiometer 1 for setting the starting time
- a potentiometer 2 for adjusting the starting voltage threshold according to the motor load
  - 2 inputs 3:
    - 1 x 24 V input or 1 x 110…240 V input for powering the control part that controls the motor

Altistart 01 soft start/soft stop units (ATS01N2) are equipped with:
- a potentiometer 6 for setting the starting time
- a potentiometer 8 for setting the deceleration time
- a potentiometer 7 for adjusting the starting voltage threshold according to the motor load
- 1 green LED 4 to indicate that the unit is powered up
- 1 yellow LED 5 to indicate that the motor is powered at nominal voltage, if it is connected to the starter
- a connector 9 for:
  - 2 logic inputs for Run/Stop commands
  - 1 logic input for the BOOST function
  - 1 logic output to indicate the end of starting
  - 1 relay output to indicate the motor has reached a standstill at the end of the deceleration stage
Soft starters for asynchronous motors
Altistart 01

Description (continued)

Equivalence table for contact references

<table>
<thead>
<tr>
<th>Functions</th>
<th>ATS01N2LU/QN/RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay outputs</td>
<td>R1A</td>
</tr>
<tr>
<td></td>
<td>R1C</td>
</tr>
<tr>
<td>External power supply 0 V</td>
<td>COM</td>
</tr>
<tr>
<td>Stop command</td>
<td>LI1</td>
</tr>
<tr>
<td>Run command</td>
<td>LI2</td>
</tr>
<tr>
<td>Control section power supply</td>
<td>LI (+ 24 V positive logic)</td>
</tr>
<tr>
<td>BOOST</td>
<td>BOOST</td>
</tr>
<tr>
<td>End of starting</td>
<td>LO1</td>
</tr>
<tr>
<td>115 V external power supply</td>
<td></td>
</tr>
</tbody>
</table>

Functions

- **2-wire control**
  
The run and stop commands are controlled by a single logic input. State 1 of logic input LI2 controls starting and state 0 controls stopping.
  
  ATS01N2LU/QN/RT

  ![Wiring diagram for 2-wire control](image)

- **3-wire control**
  
The run and stop commands are controlled by 2 different logic inputs. Stopping is achieved when logic input LI1 opens (state 0).
  
The pulse on input LI2 is stored until input LI1 opens.

  ![Wiring diagram for 3-wire control](image)

- **Starting time**
  
  Controlling the starting time means that the time of the voltage ramp applied to the motor can be adjusted to obtain a gradual starting time, dependent on the motor load.

- **Voltage boost function via logic input**
  
  Activating the BOOST logic input enables the function for supplying a starting overtorque capable of overcoming any mechanical friction.
  
  When the input is at state 1, the function is active (input connected to the + 24 V) and the starter applies a fixed voltage to the motor for a limited time before starting.

- **End of starting**
  
  Application function via logic output LO1
  
  ATS01N206 to ATS01N232 soft start/soft stop units are equipped with an open collector logic output LO, which indicates the end of starting when the motor has reached nominal speed.
### Soft starters for 0.37 to 11 kW motors

**Motor power (1)**

<table>
<thead>
<tr>
<th>kW</th>
<th>HP</th>
<th>kW</th>
<th>HP</th>
<th>A</th>
<th>Dimensions (W x D x H)</th>
<th>Reference (2)</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.37</td>
<td>–</td>
<td>0.37</td>
<td>0.5</td>
<td>1</td>
<td>0.5</td>
<td>ATS01N103FT</td>
<td>0.160/0.353</td>
</tr>
<tr>
<td>0.75</td>
<td>0.55</td>
<td>0.75</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>ATS01N106FT</td>
<td>0.160/0.353</td>
</tr>
<tr>
<td>1.1</td>
<td>1</td>
<td>1.1</td>
<td>1.5</td>
<td>3</td>
<td>3</td>
<td>ATS01N109FT</td>
<td>0.280/0.617</td>
</tr>
<tr>
<td>1.5</td>
<td>1.5</td>
<td>2</td>
<td>1.5</td>
<td>4</td>
<td>5</td>
<td>ATS01N112FT</td>
<td>0.280/0.617</td>
</tr>
<tr>
<td>2.2</td>
<td>3</td>
<td>5</td>
<td>7.5</td>
<td>10</td>
<td>15</td>
<td>ATS01N125FT</td>
<td>0.350/0.772</td>
</tr>
</tbody>
</table>

**Motor (2)**

- Single-phase: 230 V, 110 V or three-phase: 110…480 V supply voltage, 50/60 Hz

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>For use with starter</th>
<th>Reference</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adapter for mounting on</td>
<td></td>
<td>ATS01N103FT, ATS01N106FT</td>
<td>RHZ66</td>
</tr>
</tbody>
</table>

### Soft start/soft stop units for 0.75 to 15 kW motors (3)

**Motor power (1)**

<table>
<thead>
<tr>
<th>kW</th>
<th>HP</th>
<th>kW</th>
<th>HP</th>
<th>A</th>
<th>Dimensions (W x D x H)</th>
<th>Reference (2)</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75/1.1</td>
<td>1/1.5</td>
<td>45 x 130.7 x 124/1.77 x 5.15 x 4.88</td>
<td>ATS01N206LU</td>
<td>0.420/0.926</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>2</td>
<td>45 x 130.7 x 124/1.77 x 5.15 x 4.88</td>
<td>ATS01N209LU</td>
<td>0.420/0.926</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.2/3</td>
<td>3/–</td>
<td>45 x 130.7 x 124/1.77 x 5.15 x 4.88</td>
<td>ATS01N212LU</td>
<td>0.420/0.926</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4/5.5</td>
<td>5/7.5</td>
<td>45 x 130.7 x 124/1.77 x 5.15 x 4.88</td>
<td>ATS01N222LU</td>
<td>0.560/1.235</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td>10</td>
<td>45 x 130.7 x 124/1.77 x 5.15 x 6.06</td>
<td>ATS01N232LU</td>
<td>0.560/1.235</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Motor **

- Three-phase supply voltage: 200…240 V, 50/60 Hz
- Three-phase supply voltage: 380…415 V, 50/60 Hz
- Three-phase supply voltage: 440…480 V, 50/60 Hz

**Notes:**

1. Standard motor power ratings, HP power ratings indicated according to standard UL 508.
2. For motor thermal protection, use a GVaME thermal-magnetic motor circuit breaker (see combinations page 1/7).
3. Control power supply built into the starter.
### Combinations

**Soft starters for asynchronous motors**

**Altistart 01**

400 V power supply, type 1 coordination

<table>
<thead>
<tr>
<th>Motor</th>
<th>Starter breaker</th>
<th>Circuit breaker</th>
<th>Contactor</th>
<th>Switch or disconnect switch</th>
<th>aM fuses</th>
<th>Reference</th>
<th>Rating</th>
<th>p’T</th>
<th>Thermal overload relay</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.37</td>
<td>0.98</td>
<td>ATS01N103FT</td>
<td>GV2ME05</td>
<td>1</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA02</td>
<td>2</td>
<td>265</td>
</tr>
<tr>
<td>0.55</td>
<td>1.5</td>
<td>ATS01N103FT</td>
<td>GV2ME06</td>
<td>1.6</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA02</td>
<td>2</td>
<td>265</td>
</tr>
<tr>
<td>0.75</td>
<td>2</td>
<td>ATS01N103FT</td>
<td>GV2ME07</td>
<td>2.5</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA02</td>
<td>2</td>
<td>265</td>
</tr>
<tr>
<td>1.1</td>
<td>2.5</td>
<td>ATS01N103FT</td>
<td>GV2ME08</td>
<td>4</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA04</td>
<td>4</td>
<td>265</td>
</tr>
<tr>
<td>1.5</td>
<td>3.5</td>
<td>ATS01N106FT</td>
<td>GV2ME08</td>
<td>4</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA06</td>
<td>6</td>
<td>265</td>
</tr>
<tr>
<td>2.2</td>
<td>5</td>
<td>ATS01N106FT</td>
<td>GV2ME10</td>
<td>6.3</td>
<td>LC1K06</td>
<td>LS1D2531</td>
<td>DF2CA08</td>
<td>8</td>
<td>265</td>
</tr>
<tr>
<td>3</td>
<td>6.5</td>
<td>ATS01N106FT</td>
<td>GV2ME14</td>
<td>9</td>
<td>LC1K09</td>
<td>LS1D2531</td>
<td>DF2CA12</td>
<td>12</td>
<td>265</td>
</tr>
<tr>
<td>4</td>
<td>8.4</td>
<td>ATS01N109FT</td>
<td>GV2ME14</td>
<td>9</td>
<td>LC1K09</td>
<td>LS1D2531</td>
<td>DF2CA12</td>
<td>12</td>
<td>610</td>
</tr>
<tr>
<td>5.5</td>
<td>11</td>
<td>ATS01N112FT</td>
<td>GV2ME16</td>
<td>13</td>
<td>LC1K12</td>
<td>LS1D2531</td>
<td>DF2CA16</td>
<td>16</td>
<td>610</td>
</tr>
<tr>
<td>7.5</td>
<td>14.8</td>
<td>ATS01N125FT</td>
<td>GV2ME20</td>
<td>17</td>
<td>LC1D18</td>
<td>LS1D2531</td>
<td>DF2CA20</td>
<td>20</td>
<td>6050</td>
</tr>
<tr>
<td>9</td>
<td>18.1</td>
<td>ATS01N125FT</td>
<td>GV2ME21</td>
<td>21</td>
<td>LC1D25</td>
<td>LS1D2531</td>
<td>DF2CA25</td>
<td>25</td>
<td>6050</td>
</tr>
<tr>
<td>11</td>
<td>21</td>
<td>ATS01N125FT</td>
<td>GV2ME22</td>
<td>23</td>
<td>LC1D25</td>
<td>LS1D2531</td>
<td>DF2CA25</td>
<td>25</td>
<td>6050</td>
</tr>
<tr>
<td>15</td>
<td>28.5</td>
<td>ATS01N232QN</td>
<td>GV2ME32</td>
<td>32</td>
<td>LC1D32</td>
<td>GK1EM</td>
<td>DF2AA40</td>
<td>40</td>
<td>7200</td>
</tr>
</tbody>
</table>
2 - Altistart U01 soft starters and TeSys U starter controllers

- Presentation................................................................. page 2/2
- References................................................................. page 2/4
- Accessories............................................................... page 2/4
- TeSys U starter and soft start unit combinations................. page 2/5
Soft starters for asynchronous motors
Altistart U01 and TeSys U

Presentation

The Altistart U01 is a soft start/soft stop unit for asynchronous motors. It is designed primarily for combinations with TeSys U starter-controllers.

When used in combination with a TeSys U 1 controller by means of a connector 2, the Altistart U01 3 is a power option that provides the "soft start/soft stop" function. The result is a unique, innovative motor starter.

Using the Altistart U01 starter enhances the starting performance of asynchronous motors by allowing them to start gradually, smoothly, and in a controlled manner. It helps to prevent mechanical shocks, which cause wear and tear, and subsequently limits the amount of maintenance work and production downtime. The Altistart U01 limits the starting torque and current peaks on starting on machines that do not require a high starting torque.

The Altistart U01 is designed for the following simple applications:
- conveyors
- conveyor belts
- pumps
- fans
- compressors
- automatic doors and gates
- small cranes
- belt-driven machinery

The Altistart U01 is compact and easy to install. It complies with standards IEC/EN 60947-4-2, and carries UL, CSA, C-Tick, and CCC certifications, and CE marking.

ATSU01N2•LT soft start/soft stop units
- These control two phases of the motor power supply to limit the starting current and for deceleration.
- They feature an internal bypass relay.
- Motor power ratings range from 0.75 kW to 15 kW.
- Motor supply voltages range from 200 V to 480 V, 50/60 Hz.

An external power supply is required for controlling the starter.

Description

Altistart U01 soft start/soft stop units are equipped with:
- a potentiometer for setting the starting time 6
- a potentiometer for setting the deceleration time 8
- a potentiometer for adjusting the starting voltage threshold according to the motor load 7
- 1 green LED 4 to indicate that the unit is powered up
- 1 yellow LED 5 to indicate that the motor is powered at nominal voltage, if it is connected to the starter
- a connector 9 for:
  - 2 logic inputs for Run/Stop commands
  - 1 logic input for the BOOST function
  - 1 logic output to indicate the end of starting
  - 1 relay output to indicate that an error has been detected on the starter power supply or that the motor has reached a standstill at the end of the deceleration stage
Description of a TeSys U starter-controller

Please refer to the “TeSys U starters - open version” catalog.

ATSU01N2●LT soft start unit functions

■ 2-wire control

The run and stop commands are controlled by a single logic input. State 1 of logic input LI2 controls starting and state 0 controls stopping.

![Wiring diagram for 2-wire control](image1)

■ 3-wire control

The run and stop commands are controlled by 2 different logic inputs. Stopping is achieved when logic input LI1 opens (state 0). The pulse on input LI2 is stored until input LI1 opens.

![Wiring diagram for 3-wire control](image2)

■ Starting time:

Controlling the starting time means that the time of the voltage ramp applied to the motor can be adjusted to obtain a gradual starting time, dependent on the motor load.

■ Voltage boost function via logic input

Activating the BOOST logic input enables the function for supplying a starting overtorque capable of overcoming any mechanical friction. When the input is at state 1, the function is active (input connected to the + 24 V) and the starter applies a fixed voltage to the motor for a limited time before starting.

■ End of starting

Application function for logic output LO1

ATSU01N2●LT soft start/soft stop units are equipped with an open collector logic output LO, which indicates the end of starting when the motor has reached nominal speed.

![Application of a voltage boost equal to 100% of the nominal motor voltage](image3)
# Soft starters for asynchronous motors
## Altistart U01 and TeSys U

**Soft start/soft stop units for 0.75 to 15 kW motors (can be combined with TeSys U starter)**

<table>
<thead>
<tr>
<th>Motor power (1)</th>
<th>Motor power</th>
<th>Nominal current</th>
<th>Dimensions W x D x H</th>
<th>Reference</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 V</td>
<td>230 V</td>
<td>400 V</td>
<td>460 V</td>
<td>kW</td>
<td>HP</td>
</tr>
<tr>
<td>0.75</td>
<td>1</td>
<td>1.5</td>
<td>2</td>
<td>6</td>
<td>45 x 130.7 x 124/</td>
</tr>
<tr>
<td>1.1</td>
<td>1.5</td>
<td>2</td>
<td>3</td>
<td>ATSU01N209LT</td>
<td>0.340/</td>
</tr>
<tr>
<td>2.2</td>
<td>3</td>
<td>5.5</td>
<td>7.5</td>
<td>ATSU01N212LT</td>
<td>0.340/</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>7.5</td>
<td>10</td>
<td>ATSU01N222LT</td>
<td>0.490/</td>
</tr>
<tr>
<td>5.5</td>
<td>7.5</td>
<td>11</td>
<td>15</td>
<td>ATSU01N232LT</td>
<td>0.490/</td>
</tr>
</tbody>
</table>

**Three-phase supply voltage: 200…480 V 50/60 Hz**

**Accessory**

<table>
<thead>
<tr>
<th>Description</th>
<th>For use with starter</th>
<th>Reference</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power connector between ATSU01N222LT and TeSys U</td>
<td>ATSU01N222LT</td>
<td>VW3G4104</td>
<td>0.020/</td>
</tr>
</tbody>
</table>

---

(1) Standard motor power ratings, HP power ratings indicated according to standard UL508.
Soft starters for asynchronous motors
Altistart U01 and TeSys U

TeSys U starter and soft start unit combinations
Numerous possibilities for combinations and options are offered.
Please refer to the “TeSys U starters - open version” catalog.

<table>
<thead>
<tr>
<th>Motor power</th>
<th>Soft start unit</th>
<th>TeSys U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Power base</td>
<td>Control unit</td>
</tr>
<tr>
<td></td>
<td>kW/HP</td>
<td>(1)</td>
</tr>
<tr>
<td>230 V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.75/1</td>
<td>1.5</td>
<td>2</td>
</tr>
<tr>
<td>1.1/1.5</td>
<td>2.2/3</td>
<td>3</td>
</tr>
<tr>
<td>1.5/2</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>–</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>2.2/3</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>3/–</td>
<td>5.5</td>
<td>7.5</td>
</tr>
<tr>
<td>4/5</td>
<td>7.5</td>
<td>10</td>
</tr>
<tr>
<td>5.5/7.5</td>
<td>11</td>
<td>15</td>
</tr>
<tr>
<td>7.5/10</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

Example of combining a motor-starter with:
1 power base for non-reversing DOL starting (LUB2BL)
2 control unit (LUCM2BL)
3 power connector (VW3G4104)
4 Altistart U01 (ATSU01N2LT) soft start/soft stop unit

(1) Depending on the configuration required for the TeSys U starter, replace the ● with A for standard, B for advanced, and M for multifunction.
## Product reference index

### A
- ATS01N103FT 1/6
- ATS01N106FT 1/6
- ATS01N109FT 1/6
- ATS01N112FT 1/6
- ATS01N125FT 1/6
- ATS01N206LU 1/6
- ATS01N206QN 1/6
- ATS01N206RT 1/6
- ATS01N209LU 1/6
- ATS01N209QN 1/6
- ATS01N209RT 1/6
- ATS01N212LU 1/6
- ATS01N212QN 1/6
- ATS01N212RT 1/6
- ATS01N222LU 1/6
- ATS01N222QN 1/6
- ATS01N222RT 1/6
- ATS01N232LU 1/6
- ATS01N232QN 1/6
- ATS01N232RT 1/6
- ATSU01N206LT 2/4
- ATSU01N209LT 2/4
- ATSU01N212LT 2/4
- ATSU01N222LT 2/4
- ATSU01N232LT 2/4

### R
- RHZ66 1/6

### V
- VW3G4104 2/4
The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Design: Schneider Electric
Photos: Schneider Electric
Printed by: