



Series S302/SX302  
Numeric and  
alphanumeric  
large size displays

| <b>Table of contents</b>                              |    |
|---|----|
| Product information                                   | 2  |
| Numeric large size displays                           | 6  |
| Numeric large size displays with dimension symbol     | 8  |
| Alphanumeric large size displays                      | 10 |
| Large size displays for the weighing technology       | 12 |
| Numeric large size displays with Timer function       | 14 |
| Numeric large size displays for time/date/temperature | 17 |
| Technical data  | 18 |
| Dimension symbol                                      | 19 |
| Representations                                       | 20 |

---

### **Visible over long distances**

---

Presentation of information over long distances, visualization of process data, operator guidance in plain language - these are typical applications for the alphanumeric large size displays of series S302/SX302.

Designed for industrial applications, these systems have proved themselves worldwide in automation technology, production plants, transport and logistics - in all places where professional solutions are required.

---

### **Wide range of types**

---

Series S302/SX302 represents an universal standard program of numeric and alphanumeric large size displays. Technical perfection and innovative details are the special characteristics of the devices.

The versions for time and date display dispose of a separate temperature sensor. The device versions for the weighing technology are optionally equipped with manufacturer-specific data protocols.

Depending on the version, the devices can display up to eight characters and are available in character heights of 57, 100, 160 and 250 mm (numerical) as well as 50 and 100 mm (alphanumeric). Numerical displays can be delivered optionally with dimension characters.

---

### **Double-sided display**

---

All devices are available optionally with double-sided display. They display the same information on front and rear side and dispose of eyelets for hanging installation.



---

### Brilliant LED display

---

Characterized by their high luminosity, optically high-class LEDs ensure an excellent display with a wide reading angle. Furthermore, non-reflective front panes ensure easy legibility even under unfavourable ambient light.

Apart from devices with red display, versions with green LEDs are available. More colors available on request.

---

### Modular design

---

Series S302/SX302 has a consistent modular design. It features solid housings made of either sheet steel or stainless steel, both of which stand out thanks to their appealing design and high level of functionality.

The front frame can be swivelled and features quick-action releases. After the units have been opened, the connecting terminals as well as all electronic components can easily be accessed.

---

### Displays for outdoor applications

---

For outdoor applications the units are offered with extremely bright shining SuperBright-LEDs. For a day/night switch brightness also can be reduced.

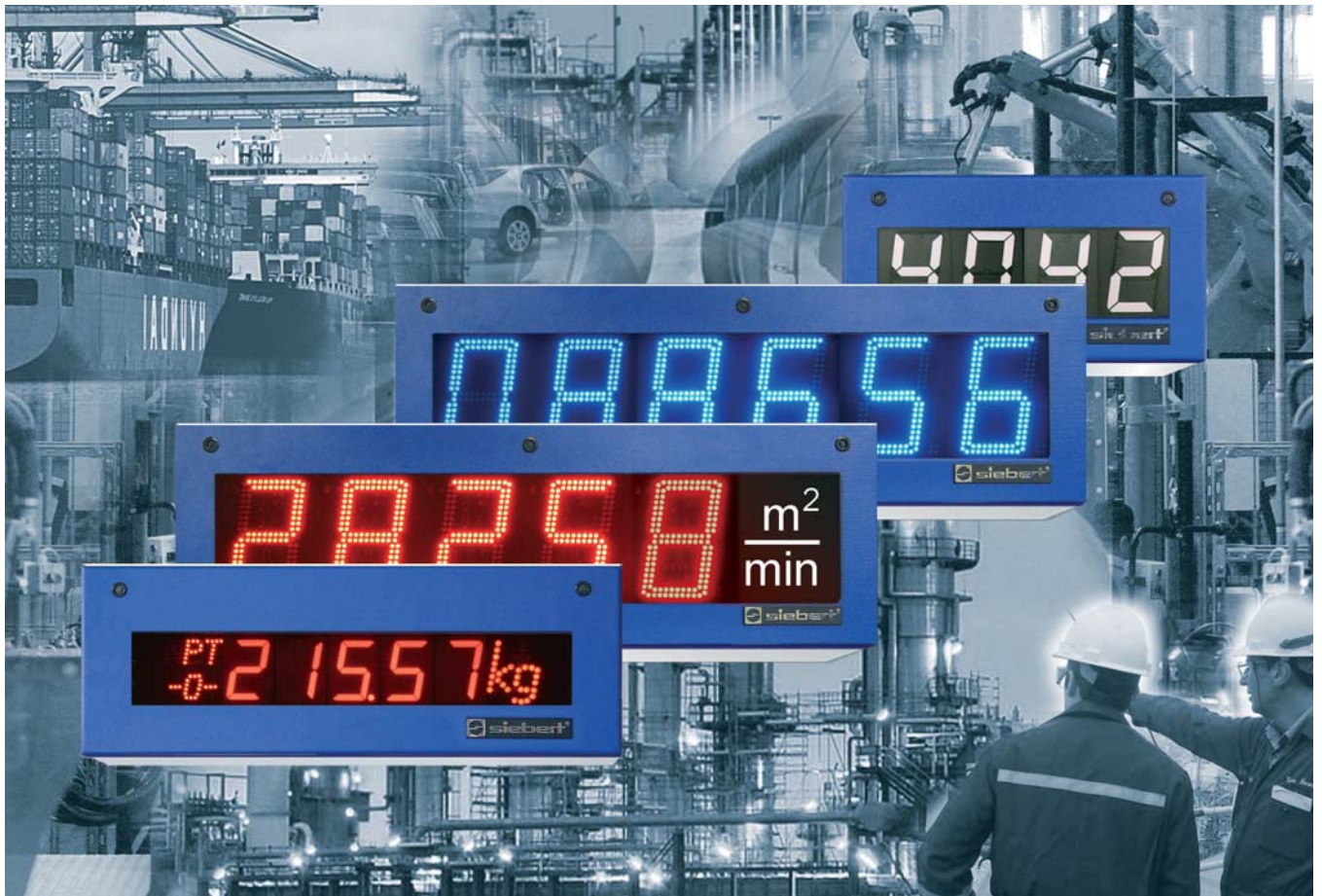
In addition, for outdoor applications special equipment packages are available. Among other things they include weather-proof varnishing, protective weather cover, temperature-controlled heating etc.

---

### LRD<sup>®</sup> display

---

For particularly bright ambient conditions, devices with light-reflecting displays (LRD<sup>®</sup>) are available apart from light-emitting displays (LED).



---

### Parameterization via menu

---

A particular advantage of the unit is the comfortable parameterization in a menu. For numerical units, the internal menu display shows the same information as the main display - a big advantage when putting it into operation.

For Ethernet versions, also the network parameters are set in the menu (IP address, standard gateway and subnet mask). External auxiliaries are not required, and afterwards, the units can already be accessed via the network.



---

### Interfaces

---

The units are available with different interfaces:

- Serial RS485/RS232
- Serial 20mA TTY/RS232
- Ethernet
- Profibus DP
- Modbus RTU
- Parallel, PLC-compatible
- Analog
- Counter
- Time/Date/Temperature
- Timer function



### Displays for time/date/temperature

The units are available with four or six characters.



For the time display, a decimal point is flashing between hours, minutes and seconds in one-second intervals. For date displays, day, month and year are separated by a decimal point.

Units that can be activated via the Network Time Protocol (NTP), receive the time from a time server of the network.

Versions equipped with a DCF77 receiver dispose additionally of an external temperature sensor. The temperature can be set optionally in degree Celsius or degree Fahrenheit.

Furthermore, special timer versions for stopping and count-down functions are offered.

### Broad type range for the weighing technology

The units are available with four or five characters. Optionally, switchable LED dimension characters (g/kg/t) and status displays (NET/-0-) are offered apart from fixed dimension characters made of heavy-duty film.

The units for the weighing technology are compatible to the different weighing calculator models and are available with manufacturer-specific protocol adaptations.



## Numeric large size displays

Read off  
on one side



| Character height                       | Display                                | 1 digit                  | 2 digits                            | 3 digits                            |
|--|--|--------------------------|-------------------------------------|-------------------------------------|
| 57 mm                                  | LED red                                | –                        | S302-02/06/0R-100/0A-...            | S302-03/06/0R-100/0A-...            |
|  | Dimensions B x H x T [mm]              | –                        | 300 (400) <sup>2)</sup> x 185 x 110 | 300 (400) <sup>2)</sup> x 185 x 110 |
|  | Weight/power consumption <sup>1)</sup> | –                        | 5 kg / 12 VA                        | 5 kg / 13 VA                        |
| 100 mm                                 | LED red                                | S302-01/10/0R-100/0A-... | S302-02/10/0R-100/0A-...            | S302-03/10/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/10/4W-100/0A-... | S302-02/10/4W-100/0A-...            | S302-03/10/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 145          | 330 x 245 x 145                     | 480 x 245 x 145                     |
| Weight/power consumption <sup>1)</sup> | 7 kg / 12 (50) VA                      | 7 kg / 15 (50) VA        | 9 kg / 17 (50) VA                   |                                     |
| 160 mm                                 | LED red                                | S302-01/16/0R-100/0A-... | S302-02/16/0R-100/0A-...            | S302-03/16/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/16/4W-100/0A-... | S302-02/16/4W-100/0A-...            | S302-03/16/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 145          | 390 x 300 x 145                     | 670 x 300 x 145                     |
| Weight/power consumption <sup>1)</sup> | 9 kg / 22 (50) VA                      | 9 kg / 37 (50) VA        | 13 kg / 51 (50) VA                  |                                     |
| 250 mm                                 | LED red                                | S302-01/25/0R-100/0A-... | S302-02/25/0R-100/0A-...            | S302-03/25/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/25/4W-100/0A-... | S302-02/25/4W-100/0A-...            | S302-03/25/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 165          | 570 x 400 x 165                     | 1030 x 400 x 165                    |
| Weight/power consumption <sup>1)</sup> | 14kg / 26 (85) VA                      | 14 kg / 46 (85) VA       | 23 kg / 63 (85) VA                  |                                     |

Read off  
on two sides



| Character height                       | Display                                | 2 x 1 digit              | 2 x 2 digits                        | 2 x 3 digits                        |
|--|--|--------------------------|-------------------------------------|-------------------------------------|
| 57 mm                                  | LED red                                | –                        | S302-02/06/0R-200/3A-...            | S302-03/06/0R-200/3A-...            |
|  | Dimensions B x H x T [mm]              | –                        | 300 (400) <sup>2)</sup> x 185 x 150 | 300 (400) <sup>2)</sup> x 185 x 150 |
|  | Weight/power consumption <sup>1)</sup> | –                        | 9 kg / 15 VA                        | 9 kg / 17 VA                        |
| 100 mm                                 | LED red                                | S302-01/10/0R-200/3A-... | S302-02/10/0R-200/3A-...            | S302-03/10/0R-200/3A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/10/4W-200/3A-... | S302-02/10/4W-200/3A-...            | S302-03/10/4W-200/3A-...            |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 240          | 330 x 245 x 240                     | 480 x 245 x 240                     |
| Weight/power consumption <sup>1)</sup> | 11 kg / 16 (91) VA                     | 11 kg / 21 (91) VA       | 15 kg / 26 (91) VA                  |                                     |
| 160 mm                                 | LED red                                | S302-01/16/0R-200/3A-... | S302-02/16/0R-200/3A-...            | S302-03/16/0R-200/3A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/16/4W-200/3A-... | S302-02/16/4W-200/3A-...            | S302-03/16/4W-200/3A-...            |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 240          | 390 x 300 x 240                     | 670 x 300 x 240                     |
| Weight/power consumption <sup>1)</sup> | 12 kg / 35 (91) VA                     | 12 kg / 66 (91) VA       | 19 kg / 92 (91) VA                  |                                     |
| 250 mm                                 | LED red                                | S302-01/25/0R-200/3A-... | S302-02/25/0R-200/3A-...            | S302-03/25/0R-200/3A-...            |
|  | LRD <sup>®</sup> white                 | S302-01/25/4W-200/3A-... | S302-02/25/4W-200/3A-...            | S302-03/25/4W-200/3A-...            |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 270          | 570 x 400 x 270                     | 1030 x 400 x 270                    |
| Weight/power consumption <sup>1)</sup> | 21 kg / 42 (164) VA                    | 22 kg / 83 (164) VA      | 33 kg / 116 (164) VA                |                                     |

### Interface

|                         |   |   |   |
|-------------------------|---|---|---|
| RS485/RS232 (...-S0)    | ■ | ■ | ■ |
| 20mA TTY/RS232 (...-T0) | ■ | ■ | ■ |
| Profibus DP (...-K0)    | ■ | ■ | ■ |
| Modbus RTU (...-M0)     | ■ | ■ | ■ |
| Ethernet (...-E0)       | ■ | ■ | ■ |
| Parallel (...-P0)       | ■ | ■ | ■ |
| Analog (...-A0)         | – | ■ | ■ |
| Counter (...-Z0)        | – | ■ | ■ |

The interface ordering code is to be appended to the order number: e.g. S302-03/10/0R-100/0AS0

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.

<sup>2)</sup> Dimensions in brackets apply to units with Profibus interface.



| 4 digits                            | 5 digits                 | 6 digits                 | 7 digits                 | 8 digits                 |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| S302-04/06/0R-100/0A-...            | S302-05/06/0R-100/0A-... | S302-06/06/0R-100/0A-... | S302-07/06/0R-100/0A-... | S302-08/06/0R-100/0A-... |
| 300 (400 <sup>2</sup> ) x 185 x 110 | 400 x 185 x 110          | 400 x 185 x 110          | 510 x 185 x 110          | 510 x 185 x 110          |
| 5 kg / 14 VA                        | 6 kg / 15 VA             | 6 kg / 16 VA             | 7 kg / 17 VA             | 7 kg / 18 VA             |
| S302-04/10/0R-100/0A-...            | S302-05/10/0R-100/0A-... | S302-06/10/0R-100/0A-... | S302-07/10/0R-100/0A-... | S302-08/10/0R-100/0A-... |
| S302-04/10/4W-100/0A-...            | S302-05/10/4W-100/0A-... | S302-06/10/4W-100/0A-... | S302-07/10/4W-100/0A-... | S302-08/10/4W-100/0A-... |
| 480 x 245 x 145                     | 680 x 245 x 145          | 680 x 245 x 145          | 870 x 245 x 145          | 870 x 245 x 145          |
| 9 kg / 21 (50) VA                   | 12 kg / 23 (50) VA       | 12 kg / 26 (50) VA       | 14 kg / 30 (50) VA       | 14 kg / 32 (50) VA       |
| S302-04/16/0R-100/0A-...            | S302-05/16/0R-100/0A-... | S302-06/16/0R-100/0A-... | S302-07/16/0R-100/0A-... | -                        |
| S302-04/16/4W-100/0A-...            | S302-05/16/4W-100/0A-... | S302-06/16/4W-100/0A-... | S302-07/16/4W-100/0A-... | -                        |
| 670 x 300 x 145                     | 960 x 300 x 145          | 960 x 300 x 145          | 1100 x 300 x 145         | -                        |
| 13 kg / 64 (50) VA                  | 17 kg / 77 (50) VA       | 17 kg / 91 (50) VA       | 20 kg / 104 (50) VA      | -                        |
| S302-04/25/0R-100/0A-...            | S302-05/25/0R-100/0A-... | S302-06/25/0R-100/0A-... | S302-07/25/0R-100/0A-... | -                        |
| S302-04/25/4W-100/0A-...            | S302-05/25/4W-100/0A-... | S302-06/25/4W-100/0A-... | S302-07/25/4W-100/0A-... | -                        |
| 1030 x 400 x 165                    | 1500 x 400 x 165         | 1500 x 400 x 165         | 1730 x 400 x 165         | -                        |
| 23 kg / 79 (85) VA                  | 32 kg / 96 (85) VA       | 32 kg / 113 (85) VA      | 37 kg / 130 (85) VA      | -                        |



| 2 x 4 digits                        | 2 x 5 digits             | 2 x 6 digits             | 2 x 7 digits             | 2 x 8 digits             |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| S302-04/06/0R-200/3A-...            | S302-05/06/0R-200/3A-... | S302-06/06/0R-200/3A-... | S302-07/06/0R-200/3A-... | S302-08/06/0R-200/3A-... |
| 300 (400 <sup>2</sup> ) x 185 x 150 | 400 x 185 x 150          | 400 x 185 x 150          | 510 x 185 x 150          | 510 x 185 x 150          |
| 9 kg / 19 VA                        | 9 kg / 21 VA             | 9 kg / 23 VA             | 11 kg / 25 VA            | 11 kg / 27 VA            |
| S302-04/10/0R-200/3A-...            | S302-05/10/0R-200/3A-... | S302-06/10/0R-200/3A-... | S302-07/10/0R-200/3A-... | S302-08/10/0R-200/3A-... |
| S302-04/10/4W-100/3A-...            | S302-05/10/4W-200/3A-... | S302-06/10/4W-200/3A-... | S302-07/10/4W-200/3A-... | S302-08/10/4W-200/3A-... |
| 480 x 245 x 240                     | 680 x 245 x 240          | 680 x 245 x 240          | 870 x 245 x 240          | 870 x 245 x 240          |
| 15 kg / 33 (91) VA                  | 19 kg / 38 (91) VA       | 19 kg / 43 (91) VA       | 23 kg / 51 (91) VA       | 23 kg / 55 (91) VA       |
| S302-04/16/0R-200/3A-...            | S302-05/16/0R-200/3A-... | S302-06/16/0R-200/3A-... | S302-07/16/0R-200/3A-... | -                        |
| S302-04/16/4W-200/3A-...            | S302-05/16/4W-200/3A-... | S302-06/16/4W-200/3A-... | S302-07/16/4W-200/3A-... | -                        |
| 670 x 300 x 240                     | 960 x 300 x 240          | 960 x 300 x 240          | 1100 x 300 x 240         | -                        |
| 20 kg / 119 (91) VA                 | 26 kg / 146 (91) VA      | 27 kg / 173 (91) VA      | 29 kg / 199 (91) VA      | -                        |
| S302-04/25/0R-200/3A-...            | S302-05/25/0R-200/3A-... | S302-06/25/0R-200/3A-... | S302-07/25/0R-200/3A-... | -                        |
| S302-04/25/4W-200/3A-...            | S302-05/25/4W-200/3A-... | S302-06/25/4W-200/3A-... | S302-07/25/4W-200/3A-... | -                        |
| 1030 x 400 x 270                    | 1500 x 400 x 270         | 1500 x 400 x 270         | 1730 x 400 x 270         | -                        |
| 34 kg / 150 (164) VA                | 45 kg / 184 (164) VA     | 46 kg / 217 (164) VA     | 52 kg / 250 (164) VA     | -                        |

|   |   |   |   |   |
|---|---|---|---|---|
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | - | - |
| ■ | ■ | - | - | - |
| ■ | ■ | ■ | ■ | ■ |



## Numeric large size displays with dimension symbol

Read off  
on one side



| Character height                       | Display                                | 1 digit + dimension <sup>3)</sup> | 2 digits + dimension <sup>3)</sup>  | 3 digits + dimension <sup>3)</sup>  |
|--|--|-----------------------------------|-------------------------------------|-------------------------------------|
| 57 mm                                  | LED red                                | –                                 | S302-F2/06/0R-100/0A-...            | S302-F3/06/0R-100/0A-...            |
|  | Dimensions B x H x T [mm]              | –                                 | 300 (400) <sup>2)</sup> x 185 x 110 | 300 (400) <sup>2)</sup> x 185 x 110 |
|  | Weight/power consumption <sup>1)</sup> | –                                 | 5 kg / 12 VA                        | 5 kg / 13 VA                        |
| 100 mm                                 | LED red                                | S302-F1/10/0R-100/0A-...          | S302-F2/10/0R-100/0A-...            | S302-F3/10/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-F1/10/4W-100/0A-...          | S302-F2/10/4W-100/0A-...            | S302-F3/10/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 145                   | 480 x 245 x 145                     | 480 x 245 x 145                     |
| Weight/power consumption <sup>1)</sup> | 7 kg / 12 (50) VA                      | 9 kg / 15 (50) VA                 | 9 kg / 17 (50) VA                   |                                     |
| 160 mm                                 | LED red                                | S302-F1/16/0R-100/0A-...          | S302-F2/16/0R-100/0A-...            | S302-F3/16/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-F1/16/4W-100/0A-...          | S302-F2/16/4W-100/0A-...            | S302-F3/16/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 145                   | 670 x 300 x 145                     | 670 x 300 x 145                     |
| Weight/power consumption <sup>1)</sup> | 9 kg / 22 (50) VA                      | 13kg / 37 (50) VA                 | 13 kg / 51 (50) VA                  |                                     |
| 250 mm                                 | LED red                                | S302-F1/25/0R-100/0A-...          | S302-F2/25/0R-100/0A-...            | S302-F3/25/0R-100/0A-...            |
|  | LRD <sup>®</sup> white                 | S302-F1/25/4W-100/0A-...          | S302-F2/25/4W-100/0A-...            | S302-F3/25/4W-100/0A-...            |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 165                   | 1030 x 400 x 165                    | 1030 x 400 x 165                    |
| Weight/power consumption <sup>1)</sup> | 14 kg / 26 (85) VA                     | 23 kg / 46 (85) VA                | 23 kg / 63 (85) VA                  |                                     |

Read off  
on two sides



| Character height                       | Display                                | 2 x 1 digit + dimension <sup>3)</sup> | 2 x 2 digits + dimension <sup>3)</sup> | 2 x 3 digits + dimension <sup>3)</sup> |
|--|--|---------------------------------------|--|--|
| 57 mm                                  | LED red                                | –                                     | S302-F2/06/0R-200/3A-...               | S302-F3/06/0R-200/3A-...               |
|  | Dimensions B x H x T [mm]              | –                                     | 300 (400) <sup>2)</sup> x 185 x 150    | 300 (400) <sup>2)</sup> x 185 x 150    |
|  | Weight/power consumption <sup>1)</sup> | –                                     | 9 kg / 15 VA                           | 9 kg / 17 VA                           |
| 100 mm                                 | LED red                                | S302-F1/10/0R-200/3A-...              | S302-F2/10/0R-200/3A-...               | S302-F3/10/0R-200/3A-...               |
|  | LRD <sup>®</sup> white                 | S302-F1/10/4W-200/3A-...              | S302-F2/10/4W-200/3A-...               | S302-F3/10/4W-200/3A-...               |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 240                       | 480 x 245 x 240                        | 480 x 245 x 240                        |
| Weight/power consumption <sup>1)</sup> | 11 kg / 16 (91) VA                     | 15 kg / 21 (91) VA                    | 15 kg / 26 (91) VA                     |  |
| 160 mm                                 | LED red                                | S302-F1/16/0R-200/3A-...              | S302-F2/16/0R-200/3A-...               | S302-F3/16/0R-200/3A-...               |
|  | LRD <sup>®</sup> white                 | S302-F1/16/4W-200/3A-...              | S302-F2/16/4W-200/3A-...               | S302-F3/16/4W-200/3A-...               |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 240                       | 670 x 300 x 240                        | 670 x 300 x 240                        |
| Weight/power consumption <sup>1)</sup> | 12 kg / 35 (91) VA                     | 19 kg / 66 (91) VA                    | 20 kg / 92 (91) VA                     |  |
| 250 mm                                 | LED red                                | S302-F1/25/0R-200/3A-...              | S302-F2/25/0R-200/3A-...               | S302-F3/25/0R-200/3A-...               |
|  | LRD <sup>®</sup> white                 | S302-F1/25/4W-200/3A-...              | S302-F2/25/4W-200/3A-...               | S302-F3/25/4W-200/3A-...               |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 270                       | 1030 x 400 x 270                       | 1030 x 400 x 270                       |
| Weight/power consumption <sup>1)</sup> | 22 kg / 42 (164) VA                    | 33 kg / 83 (164) VA                   | 34 kg / 116 (164) VA                   |  |

### Interface

|                         |   |   |   |
|-------------------------|---|---|---|
| RS485/RS232 (...-S0)    | ■ | ■ | ■ |
| 20mA TTY/RS232 (...-T0) | ■ | ■ | ■ |
| Profibus DP (...-K0)    | ■ | ■ | ■ |
| Modbus RTU (...-M0)     | ■ | ■ | ■ |
| Ethernet (...-E0)       | ■ | ■ | ■ |
| Parallel (...-P0)       | ■ | ■ | ■ |
| Analog (...-A0)         | – | ■ | ■ |
| Counter (...-Z0)        | – | ■ | ■ |

The interface ordering code is to be appended to the order number: e.g. S302-F3/10/0R-100/0A-S0

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.

<sup>2)</sup> Dimensions in brackets apply to units with Profibus interface.

<sup>3)</sup> The desired dimension symbol is to be stated in the order. (see table page 15).





4 digits + dimension<sup>3)</sup>

S302-F4/06/0R-100/0A-...  
400 x 185 x 110  
6 kg / 14 VA



5 digits + dimension<sup>3)</sup>

S302-F5/06/0R-100/0A-...  
400 x 185 x 110  
6 kg / 15 VA



6 digits + dimension<sup>3)</sup>

S302-F6/06/0R-100/0A-...  
510 x 185 x 110  
7 kg / 16 VA



7 digits + dimension<sup>3)</sup>

S302-F7/06/0R-100/0A-...  
510 x 185 x 110  
7 kg / 17 VA

S302-F4/10/0R-100/0A-...  
S302-F4/10/4W-100/0A-...  
680 x 245 x 145  
12 kg / 21 (50) VA

S302-F5/10/0R-100/0A-...  
S302-F5/10/4W-100/0A-...  
680 x 245 x 145  
12 kg / 23 (50) VA

S302-F6/10/0R-100/0A-...  
S302-F6/10/4W-100/0A-...  
870 x 245 x 145  
14 kg / 26 (50) VA

S302-F7/10/0R-100/0A-...  
S302-F7/10/4W-100/0A-...  
870 x 245 x 145  
14 kg / 30 (50) VA

S302-F4/16/0R-100/0A-...  
S302-F4/16/4W-100/0A-...  
960 x 300 x 145  
17 kg / 64 (50) VA

S302-F5/16/0R-100/0A-...  
S302-F5/16/4W-100/0A-...  
960 x 300 x 145  
17 kg / 77 (50) VA

S302-F6/16/0R-100/0A-...  
S302-F6/16/4W-100/0A-...  
1100 x 300 x 145  
20 kg / 91 (50) VA

–  
–  
–  
–

S302-F4/25/0R-100/0A-...  
S302-F4/25/4W-100/0A-...  
1500 x 400 x 165  
32 kg / 79 (85) VA

S302-F5/25/0R-100/0A-...  
S302-F5/25/4W-100/0A-...  
1500 x 400 x 165  
32 kg / 96 (85) VA

S302-F6/25/0R-100/0A-...  
S302-F6/25/4W-100/0A-...  
1730 x 400 x 165  
37 kg / 113 (85) VA

–  
–  
–  
–



2 x 4 digits + dimension<sup>3)</sup>

S302-F4/06/0R-200/3A-...  
400 x 185 x 150  
9 kg / 19 VA



2 x 5 digits + dimension<sup>3)</sup>

S302-F5/06/0R-200/3A-...  
400 x 185 x 150  
9 kg / 21 VA



2 x 6 digits + dimension<sup>3)</sup>

S302-F6/06/0R-200/3A-...  
510 x 185 x 150  
11 kg / 23 VA



2 x 7 digits + dimension<sup>3)</sup>

S302-F7/06/0R-200/3A-...  
510 x 185 x 150  
11 kg / 25 VA

S302-F4/10/0R-200/3A-...  
S302-F4/10/4W-200/3A-...  
680 x 245 x 240  
19 kg / 33 (91) VA

S302-F5/10/0R-200/3A-...  
S302-F5/10/4W-200/3A-...  
680 x 245 x 240  
19 kg / 38 (91) VA

S302-F6/10/0R-200/3A-...  
S302-F6/10/4W-200/3A-...  
870 x 245 x 240  
23 kg / 43 (91) VA

S302-F7/10/0R-200/3A-...  
S302-F7/10/4W-200/3A-...  
870 x 245 x 240  
23 kg / 51 (91) VA

S302-F4/16/0R-200/3A-...  
S302-F4/16/4W-200/3A-...  
960 x 300 x 240  
26 kg / 119 (91) VA

S302-F5/16/0R-200/3A-...  
S302-F5/16/4W-200/3A-...  
960 x 300 x 240  
27 kg / 146 (91) VA

S302-F6/16/0R-200/3A-...  
S302-F6/16/4W-200/3A-...  
1100 x 300 x 240  
29 kg / 173 (91) VA

–  
–  
–  
–

S302-F4/25/0R-200/3A-...  
S302-F4/25/4W-200/3A-...  
1500 x 400 x 270  
45 kg / 150 (164) VA

S302-F5/25/0R-200/3A-...  
S302-F5/25/4W-200/3A-...  
1500 x 400 x 270  
46 kg / 184 (164) VA

S302-F6/25/0R-200/3A-...  
S302-F6/25/4W-200/3A-...  
1730 x 400 x 270  
52 kg / 217 (164) VA

–  
–  
–  
–

|   |   |   |   |
|---|---|---|---|
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |

## Alphanumeric large size displays

Read off  
on one side



| Character height | Display                                | 1 digit                   | 2 digits                           | 3 digits                           |
|------------------|--|---------------------------|------------------------------------|------------------------------------|
| 50 mm            | LED red                                | –                         | SX302-02/05/0R-100/0A-...          | SX302-03/05/0R-100/0A-...          |
|                  | Dimensions B x H x T [mm]              | –                         | 300 (400) <sup>2</sup> x 185 x 110 | 300 (400) <sup>2</sup> x 185 x 110 |
|                  | Weight/power consumption <sup>1)</sup> | –                         | 5 kg / 14 VA                       | 5 kg / 17 VA                       |
| 100 mm           | LED red                                | SX302-01/10/0R-100/0A-... | SX302-02/10/0R-100/0A-...          | SX302-03/10/0R-100/0A-...          |
|                  | LRD <sup>®</sup> white                 | SX302-01/10/4W-100/0A-... | SX302-02/10/4W-100/0A-...          | SX302-03/10/4W-100/0A-...          |
|                  | Dimensions B x H x T [mm]              | 330 x 245 x 145           | 330 x 245 x 145                    | 480 x 245 x 145                    |
|                  | Weight/power consumption <sup>1)</sup> | 7 kg / 15 (47) VA         | 7 kg / 20 (47) VA                  | 9 kg / 25 (47) VA                  |

Read off  
on two sides



| Character height | Display                                | 2 x 1 digit               | 2 x 2 digits                       | 2 x 3 digits                       |
|------------------|--|---------------------------|------------------------------------|------------------------------------|
| 50 mm            | LED red                                | –                         | SX302-02/05/0R-200/3A-...          | SX302-03/05/0R-200/3A-...          |
|                  | Dimensions B x H x T [mm]              | –                         | 300 (400) <sup>2</sup> x 185 x 150 | 300 (400) <sup>2</sup> x 185 x 150 |
|                  | Weight/power consumption <sup>1)</sup> | –                         | 9 kg / 20 VA                       | 9 kg / 25 VA                       |
| 100 mm           | LED red                                | SX302-01/10/0R-200/3A-... | SX302-02/10/0R-200/3A-...          | SX302-03/10/0R-200/3A-...          |
|                  | LRD <sup>®</sup> white                 | SX302-01/10/4W-200/3A-... | SX302-02/10/4W-200/3A-...          | SX302-03/10/4W-200/3A-...          |
|                  | Dimensions B x H x T [mm]              | 330 x 245 x 240           | 330 x 245 x 240                    | 480 x 245 x 240                    |
|                  | Weight/power consumption <sup>1)</sup> | 11 kg / 20 (86) VA        | 11 kg / 31 (86) VA                 | 15 kg / 42 (86) VA                 |

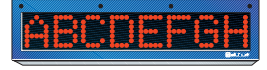
### Interface

|                         |   |   |   |
|-------------------------|---|---|---|
| RS485/RS232 (...-S0)    | ■ | ■ | ■ |
| 20mA TTY/RS232 (...-T0) | ■ | ■ | ■ |
| Profibus DP (...-K0)    | ■ | ■ | ■ |
| Modbus RTU (...-M0)     | ■ | ■ | ■ |
| Ethernet (...-E0)       | ■ | ■ | ■ |

The interface ordering code is to be appended to the order number: e.g. SX302-06/10/0R-100/0A-S0

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.

<sup>2)</sup> Dimensions in brackets apply to units with Profibus interface.



**4 digits**

**5 digits**

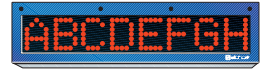
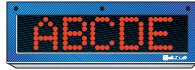
**6 digits**

**7 digits**

**8 digits**

|                                    |                           |                           |                           |                           |
|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| SX302-04/05/0R-100/0A-...          | SX302-05/05/0R-100/0A-... | SX302-06/05/0R-100/0A-... | SX302-07/05/0R-100/0A-... | SX302-08/05/0R-100/0A-... |
| 300 (400) <sup>2</sup> x 185 x 110 | 400 x 185 x 110           | 400 x 185 x 110           | 510 x 185 x 110           | 510 x 185 x 110           |
| 5 kg / 20 VA                       | 6 kg / 23 VA              | 6 kg / 25 VA              | 7 kg / 28 VA              | 7 kg / 31 VA              |

|                           |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| SX302-04/10/0R-100/0A-... | SX302-05/10/0R-100/0A-... | SX302-06/10/0R-100/0A-... | SX302-07/10/0R-100/0A-... | SX302-08/10/0R-100/0A-... |
| SX302-04/10/4W-100/0A-... | SX302-05/10/4W-100/0A-... | SX302-06/10/4W-100/0A-... | SX302-07/10/4W-100/0A-... | SX302-08/10/4W-100/0A-... |
| 480 x 245 x 145           | 680 x 245 x 145           | 680 x 245 x 145           | 870 x 245 x 145           | 870 x 245 x 145           |
| 9 kg / 31 (47) VA         | 12 kg / 36 (47) VA        | 12 kg / 42 (47) VA        | 14 kg / 47 (47) VA        | 14 kg / 52 (47) VA        |






|                                    |                           |                           |                           |                           |
|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <b>2 x 4 digits</b>                | <b>2 x 5 digits</b>       | <b>2 x 6 digits</b>       | <b>2 x 7 digits</b>       | <b>2 x 8 digits</b>       |
| SX302-04/05/0R-200/3A-...          | SX302-05/05/0R-200/3A-... | SX302-06/05/0R-200/3A-... | SX302-07/05/0R-200/3A-... | SX302-08/05/0R-200/3A-... |
| 300 (400) <sup>2</sup> x 185 x 150 | 400 x 185 x 150           | 400 x 185 x 150           | 510 x 185 x 150           | 510 x 185 x 150           |
| 9 kg / 31 VA                       | 9 kg / 37 VA              | 9 kg / 42 VA              | 11 kg / 47 VA             | 11 kg / 53 VA             |




|                           |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| SX302-04/10/0R-200/3A-... | SX302-05/10/0R-200/3A-... | SX302-06/10/0R-200/3A-... | SX302-07/10/0R-200/3A-... | SX302-08/10/0R-200/3A-... |
| SX302-04/10/4W-200/3A-... | SX302-05/10/4W-200/3A-... | SX302-06/10/4W-200/3A-... | SX302-07/10/4W-200/3A-... | SX302-08/10/4W-200/3A-... |
| 480 x 245 x 240           | 680 x 245 x 240           | 680 x 245 x 240           | 870 x 245 x 240           | 870 x 245 x 240           |
| 15 kg / 52 (86) VA        | 19 kg / 64 (86) VA        | 19 kg / 74 (86) VA        | 23 kg / 86 (86) VA        | 23 kg / 96 (86) VA        |

|   |   |   |   |   |
|---|---|---|---|---|
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ |



## Large size displays for the weighing technology

| Read off on one side |  |  |  |  |
|----------------------|--|---|--|---|
| Character height     | Display                                | 4 digits  | 5 digits   | 4 digits + dimension <sup>2)</sup>  |
| 57 mm                | LED red                                | S302-04/06/0R-100/0A-...  | S302-05/06/0R-100/0A-...   | S302-F4/06/0R-100/0A-...  |
|                      | Dimensions B x H x T [mm]              | 300 x 185 x 110   | 400 x 185 x 110  | 400 x 185 x 110   |
|                      | Weight/power consumption <sup>1)</sup> | 5 kg / 14 VA  | 6 kg / 15 VA   | 6 kg / 14 VA  |
| 100 mm               | LED red                                | S302-04/10/0R-100/0A-...  | S302-05/10/0R-100/0A-...   | S302-F4/10/0R-100/0A-...  |
|                      | LRD <sup>®</sup> white                 | S302-04/10/4W-100/0A-...  | S302-05/10/4W-100/0A-...   | S302-F4/10/4W-100/0A-...  |
|                      | Dimensions B x H x T [mm]              | 480 x 245 x 145   | 680 x 245 x 145  | 680 x 245 x 145   |
| 160 mm               | LED red                                | S302-04/16/0R-100/0A-...  | S302-05/16/0R-100/0A-...   | S302-F4/16/0R-100/0A-...  |
|                      | LRD <sup>®</sup> white                 | S302-04/16/4W-100/0A-...  | S302-05/16/4W-100/0A-...   | S302-F4/16/4W-100/0A-...  |
|                      | Dimensions B x H x T [mm]              | 670 x 300 x 145   | 960 x 300 x 145  | 960 x 300 x 145   |
| 250 mm               | LED red                                | S302-04/25/0R-100/0A-...  | S302-05/25/0R-100/0A-...   | S302-F4/25/0R-100/0A-...  |
|                      | LRD <sup>®</sup> white                 | S302-04/25/4W-100/0A-...  | S302-05/25/4W-100/0A-...   | S302-F4/25/4W-100/0A-...  |
|                      | Dimensions B x H x T [mm]              | 1030 x 400 x 165  | 1500 x 400 x 165   | 1500 x 400 x 165  |
|                      | Weight/power consumption <sup>1)</sup> | 24 kg / 79 (85) VA  | 33 kg / 96 (85) VA   | 32 kg / 79 (85) VA  |

| Read off on two sides |  |  |  |  |
|-----------------------|--|---|--|---|
| Character height      | Display                                | 2 x 4 digits  | 2 x 5 digits   | 2 x 4 digits + dimension <sup>2)</sup>  |
| 57 mm                 | LED red                                | S302-04/06/0R-200/3A-...  | S302-05/06/0R-200/3A-...   | S302-F4/06/0R-200/3A-...  |
|                       | Dimensions B x H x T [mm]              | 300 x 185 x 150   | 400 x 185 x 150  | 400 x 185 x 150   |
|                       | Weight/power consumption <sup>1)</sup> | 9 kg / 19 VA  | 9 kg / 21 VA   | 9 kg / 19 VA  |
| 100 mm                | LED red                                | S302-04/10/0R-200/3A-...  | S302-05/10/0R-200/3A-...   | S302-F4/10/0R-200/3A-...  |
|                       | LRD <sup>®</sup> white                 | S302-04/10/4W-100/3A-...  | S302-05/10/4W-200/3A-...   | S302-F4/10/4W-100/3A-...  |
|                       | Dimensions B x H x T [mm]              | 480 x 245 x 240   | 680 x 245 x 240  | 680 x 245 x 240   |
| 160 mm                | LED red                                | S302-04/16/0R-200/3A-...  | S302-05/16/0R-200/3A-...   | S302-F4/16/0R-200/3A-...  |
|                       | LRD <sup>®</sup> white                 | S302-04/16/4W-200/3A-...  | S302-05/16/4W-200/3A-...   | S302-F4/16/4W-200/3A-...  |
|                       | Dimensions B x H x T [mm]              | 670 x 300 x 240   | 960 x 300 x 240  | 960 x 300 x 240   |
| 250 mm                | LED red                                | S302-04/25/0R-200/3A-...  | S302-05/25/0R-200/3A-...   | S302-F4/25/0R-200/3A-...  |
|                       | LRD <sup>®</sup> white                 | S302-04/25/4W-200/3A-...  | S302-05/25/4W-200/3A-...   | S302-F4/25/4W-200/3A-...  |
|                       | Dimensions B x H x T [mm]              | 1030 x 400 x 270  | 1500 x 400 x 270   | 1500 x 400 x 270  |
|                       | Weight/power consumption <sup>1)</sup> | 34 kg / 150 (164) VA  | 45 kg / 184 (164) VA   | 45 kg / 150 (164) VA  |

| Features |                             |   |   |                            |
|----------|-----------------------------|---|---|----------------------------|
|          | Dimension symbol            | - | - | foil letters <sup>2)</sup> |
|          | Status indicator NET/T, -0- | - | - | -                          |

| Data protocols <sup>3)</sup> |                         |   |   |   |
|------------------------------|-------------------------|---|---|---|
| RS485/RS232                  | CR/LF, STX/ETX (...-S0) | ■ | ■ | ■ |
|                              | Mettler-Toledo (...-ST) | ■ | ■ | ■ |
|                              | Précia Molen (...-SE)   | ■ | ■ | ■ |
|                              | Schenck (...-SC)        | ■ | ■ | ■ |
|                              | Siemens (...-SM)        | ■ | ■ | ■ |
| 20 mA TTY/RS232              | CR/LF, STX/ETX (...-T0) | ■ | ■ | ■ |
|                              | Philips (...-TP)        | ■ | ■ | ■ |
|                              | Siemens (...-TM)        | ■ | ■ | ■ |

The interface ordering code is to be appended to the order number: e.g. S302-K5/16/0R-100/0A-SC

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.



5 digits + dimension<sup>2)</sup>

4 digits + LED-dimension

5 digits + LED-dimension

5 digits + LED-dimension

S302-F5/06/0R-100/0A-...

S302-K4/06/0R-100/0A-...

S302-K5/06/0R-100/0A-...

S302-W5/06/0R-100/0A-...

400 x 185 x 110

400 x 185 x 110

400 x 185 x 110

510 x 185 x 110

6 kg / 15 VA

6 kg / 15 VA

6 kg / 16 VA

7 kg / 17 VA

S302-F5/10/0R-100/0A-...

S302-K4/10/0R-100/0A-...

S302-K5/10/0R-100/0A-...

S302-W5/10/0R-100/0A-...

S302-F5/10/4W-100/0A-...

-

-

-

680 x 245 x 145

680 x 245 x 145

680 x 245 x 145

870 x 245 x 145

11 kg / 23 (50) VA

12 kg / 23 (50) VA

12 kg / 26 (50) VA

14 kg / 30 (50) VA

S302-F5/16/0R-100/0A-...

S302-K4/16/0R-100/0A-...

S302-K5/16/0R-100/0A-...

S302-W5/16/0R-100/0A-...

S302-F5/16/4W-100/0A-...

-

-

-

960 x 300 x 145

960 x 300 x 145

960 x 300 x 145

1100 x 300 x 145

19 kg / 77 (50) VA

18 kg / 77 (50) VA

19 kg / 91 (50) VA

21 kg / 104 (50) VA

S302-F5/25/0R-100/0A-...

S302-K4/25/0R-100/0A-...

S302-K5/25/0R-100/0A-...

S302-W5/25/0R-100/0A-...

S302-F5/25/4W-100/0A-...

-

-

-

1500 x 400 x 165

1500 x 400 x 165

1500 x 400 x 165

1730 x 400 x 165

33 kg / 96 (85) VA

33 kg / 96 (85) VA

34 kg / 113 (85) VA

40 kg / 130 (85) VA



2 x 5 digits + dimension<sup>2)</sup>

2 x 4 digits + LED-dimension

2 x 5 digits + LED-dimension

2 x 5 digits + LED-dimension

S302-F5/06/0R-200/3A-...

S302-K4/06/0R-200/3A-...

S302-K5/06/0R-200/3A-...

S302-W5/06/0R-200/3A-...

400 x 185 x 150

400 x 185 x 150

400 x 185 x 150

510 x 185 x 150

9 kg / 21 VA

9 kg / 21 VA

9 kg / 23 VA

11 kg / 25 VA

S302-F5/10/0R-200/3A-...

S302-K4/10/0R-200/3A-...

S302-K5/10/0R-200/3A-...

S302-W5/10/0R-200/3A-...

S302-F5/10/4W-200/3A-...

-

-

-

680 x 245 x 240

680 x 245 x 240

680 x 245 x 240

870 x 245 x 240

19 kg / 38 (91) VA

19 kg / 38 VA

19 kg / 43 VA

23 kg / 51 VA

S302-F5/16/0R-200/3A-...

S302-K4/16/0R-200/3A-...

S302-K5/16/0R-200/3A-...

S302-W5/16/0R-200/3A-...

S302-F5/16/4W-200/3A-...

-

-

-

960 x 300 x 240

960 x 300 x 240

960 x 300 x 240

1100 x 300 x 240

26 kg / 146 (91) VA

26 kg / 146 VA

26 kg / 173 VA

29 kg / 199 VA

S302-F5/25/0R-200/3A-...

S302-K4/25/0R-200/3A-...

S302-K5/25/0R-200/3A-...

S302-W5/25/0R-200/3A-...

S302-F5/25/4W-200/3A-...

-

-

-

1500 x 400 x 270

1500 x 400 x 270

1500 x 400 x 270

1730 x 400 x 270

45 kg / 184 (164) VA

45 kg / 184 VA

45 kg / 217 VA

52 kg / 250 VA

foil letters<sup>2)</sup>

LED

LED

LED

-

-

-

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

■

<sup>2)</sup> The desired dimension symbol is to be stated in the order. F101, F102 or F103 - according to table page 19.

<sup>3)</sup> Adjustments of data protocols for other weighing systems on request.

## Numeric large size displays with Timer function

Read off  
on one side



| Character height                       | Display                                | 2 digits                 | 3 digits                 |
|--|--|--------------------------|--------------------------|
| 57 mm                                  | LED red                                | S302-02/06/0R-100/0A-... | S302-03/06/0R-100/0A-... |
|  | Dimensions B x H x T [mm]              | 300 x 185 x 110          | 300 x 185 x 110          |
|  | Weight/power consumption <sup>1)</sup> | 5 kg / 12 VA             | 5 kg / 13 VA             |
| 100 mm                                 | LED red                                | S302-02/10/0R-100/0A-... | S302-03/10/0R-100/0A-... |
|  | LRD <sup>®</sup> white                 | S302-02/10/4W-100/0A-... | S302-03/10/4W-100/0A-... |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 145          | 480 x 245 x 145          |
| Weight/power consumption <sup>1)</sup> | 7 kg / 15 (50) VA                      | 9 kg / 17 (50) VA        |                          |
| 160 mm                                 | LED red                                | S302-02/16/0R-100/0A-... | S302-03/16/0R-100/0A-... |
|  | LRD <sup>®</sup> white                 | S302-02/16/4W-100/0A-... | S302-03/16/4W-100/0A-... |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 145          | 670 x 300 x 145          |
| Weight/power consumption <sup>1)</sup> | 9 kg / 37 (50) VA                      | 13 kg / 51 (50) VA       |                          |
| 250 mm                                 | LED red                                | S302-02/25/0R-100/0A-... | S302-03/25/0R-100/0A-... |
|  | LRD <sup>®</sup> white                 | S302-02/25/4W-100/0A-... | S302-03/25/4W-100/0A-... |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 165          | 1030 x 400 x 165         |
| Weight/power consumption <sup>1)</sup> | 14 kg / 46 (85) VA                     | 23 kg / 63 (85) VA       |                          |

Read off  
on two sides



| Character height                       | Display                                | 2 x 2 digits             | 2 x 3 digits             |
|--|--|--------------------------|--------------------------|
| 57 mm                                  | LED red                                | S302-02/06/0R-200/3A-... | S302-03/06/0R-200/3A-... |
|  | Dimensions B x H x T [mm]              | 300 x 185 x 150          | 300 x 185 x 150          |
|  | Weight/power consumption <sup>1)</sup> | 9 kg / 15 VA             | 9 kg / 17 VA             |
| 100 mm                                 | LED red                                | S302-02/10/0R-200/3A-... | S302-03/10/0R-200/3A-... |
|  | LRD <sup>®</sup> white                 | S302-02/10/4W-200/3A-... | S302-03/10/4W-200/3A-... |
|  | Dimensions B x H x T [mm]              | 330 x 245 x 240          | 480 x 245 x 240          |
| Weight/power consumption <sup>1)</sup> | 11 kg / 21 (91) VA                     | 15 kg / 26 (91) VA       |                          |
| 160 mm                                 | LED red                                | S302-02/16/0R-200/3A-... | S302-03/16/0R-200/3A-... |
|  | LRD <sup>®</sup> white                 | S302-02/16/4W-200/3A-... | S302-03/16/4W-200/3A-... |
|  | Dimensions B x H x T [mm]              | 390 x 300 x 240          | 670 x 300 x 240          |
| Weight/power consumption <sup>1)</sup> | 12 kg / 66 (91) VA                     | 19 kg / 92 (91) VA       |                          |
| 250 mm                                 | LED red                                | S302-02/25/0R-200/3A-... | S302-03/25/0R-200/3A-... |
|  | LRD <sup>®</sup> white                 | S302-02/25/4W-200/3A-... | S302-03/25/4W-200/3A-... |
|  | Dimensions B x H x T [mm]              | 570 x 400 x 270          | 1030 x 400 x 270         |
| Weight/power consumption <sup>1)</sup> | 22 kg / 83 (164) VA                    | 33 kg / 116 (164) VA     |                          |

### Interface

Timer (...-U0) ■



The interface ordering code is to be appended to the order number: e.g. S302-03/10/0R-100/0A-U0

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.




**4 digits**

S302-04/06/0R-100/0A-...  
300 x 185 x 110  
5 kg / 14 VA

S302-04/10/0R-100/0A-...  
S302-04/10/4W-100/0A-...  
480 x 245 x 145  
9 kg / 21 (50) VA

S302-04/16/0R-100/0A-...  
S302-04/16/4W-100/0A-...  
670 x 300 x 145  
13 kg / 64 (50) VA

S302-04/25/0R-100/0A-...  
S302-04/25/4W-100/0A-...  
1030 x 400 x 165  
23 kg / 79 (85) VA


**5 digits**

S302-05/06/0R-100/0A-...  
400 x 185 x 110  
6 kg / 15 VA

S302-05/10/0R-100/0A-...  
S302-05/10/4W-100/0A-...  
680 x 245 x 145  
12 kg / 23 (50) VA

S302-05/16/0R-100/0A-...  
S302-05/16/4W-100/0A-...  
960 x 300 x 145  
17 kg / 77 (50) VA

S302-05/25/0R-100/0A-...  
S302-05/25/4W-100/0A-...  
1500 x 400 x 165  
32 kg / 96 (85) VA


**6 digits**

S302-06/06/0R-100/0A-...  
400 x 185 x 110  
6 kg / 16 VA

S302-06/10/0R-100/0A-...  
S302-06/10/4W-100/0A-...  
680 x 245 x 145  
12 kg / 26 (50) VA

S302-06/16/0R-100/0A-...  
S302-06/16/4W-100/0A-...  
960 x 300 x 145  
17 kg / 91 (50) VA

S302-06/25/0R-100/0A-...  
S302-06/25/4W-100/0A-...  
1500 x 400 x 165  
32 kg / 113 (85) VA


**2 x 4 digits**

S302-04/06/0R-200/3A-...  
300 (400)<sup>2</sup> x 185 x 150  
9 kg / 19 VA

S302-04/10/0R-200/3A-...  
S302-04/10/4W-100/3A-...  
480 x 245 x 240  
15 kg / 33 (91) VA

S302-04/16/0R-200/3A-...  
S302-04/16/4W-200/3A-...  
670 x 300 x 240  
20 kg / 119 (91) VA

S302-04/25/0R-200/3A-...  
S302-04/25/4W-200/3A-...  
1030 x 400 x 270  
34 kg / 150 (164) VA


**2 x 5 digits**

S302-05/06/0R-200/3A-...  
400 x 185 x 150  
9 kg / 21 VA

S302-05/10/0R-200/3A-...  
S302-05/10/4W-200/3A-...  
680 x 245 x 240  
19 kg / 38 (91) VA

S302-05/16/0R-200/3A-...  
S302-05/16/4W-200/3A-...  
960 x 300 x 240  
26 kg / 146 (91) VA

S302-05/25/0R-200/3A-...  
S302-05/25/4W-200/3A-...  
1500 x 400 x 270  
45 kg / 184 (164) VA


**2 x 6 digits**

S302-06/06/0R-200/3A-...  
400 x 185 x 150  
9 kg / 23 VA





S302-06/10/0R-200/3A-...  
S302-06/10/4W-200/3A-...  
680 x 245 x 240  
19 kg / 43 (91) VA

S302-06/16/0R-200/3A-...  
S302-06/16/4W-200/3A-...  
960 x 300 x 240  
27 kg / 173 (91) VA

S302-06/25/0R-200/3A-...  
S302-06/25/4W-200/3A-...  
1500 x 400 x 270  
46 kg / 217 (164) VA



## Numeric large size displays for date/time/temperature

| Read off on one side  |   |    |   |
|-----------------------|---|---|--|
| Character height      | Display   | 4 digits  | 6 digits   |
|                       | 57 mm   | LED red<br>S302-04/06/0R-100/0A-...<br>Dimensions B x H x T [mm]<br>300 x 185 x 110<br>Weight/power consumption <sup>1)</sup><br>6 kg / 15 VA | LED red<br>S302-06/06/0R-100/0A-...<br>Dimensions B x H x T [mm]<br>400 x 185 x 110<br>Weight/power consumption <sup>1)</sup><br>7 kg / 17 VA  |
| 100 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/10/0R-100/0A-...<br>S302-04/10/4W-100/0A-...  | S302-06/10/0R-100/0A-...<br>S302-06/10/4W-100/0A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 680 x 245 x 145<br>12 kg / 23 (50) VA   | 870 x 245 x 145<br>14 kg / 30 (50) VA  |
| 160 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/16/0R-100/0A-...<br>S302-04/16/4W-100/0A-...  | S302-06/16/0R-100/0A-...<br>S302-06/16/4W-100/0A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 960 x 300 x 145<br>17 kg / 77 (50) VA   | 1100 x 300 x 145<br>20 kg / 104 (50) VA  |
| 250 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/25/0R-100/0A-...<br>S302-04/25/4W-100/0A-...  | S302-06/25/0R-100/0A-...<br>S302-06/25/4W-100/0A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 1500 x 400 x 165<br>32 kg / 96 (85) VA  | 1730 x 400 x 165<br>37 kg / 130 (85) VA  |
| Read off on two sides |   |    |   |
| Character height      | Display   | 2 x 4 digits  | 2 x 6 digits   |
|                       | 57 mm   | LED red<br>S302-04/06/0R-200/3A-...<br>Dimensions B x H x T [mm]<br>400 x 185 x 150<br>Weight/power consumption <sup>1)</sup><br>9 kg / 21 VA | LED red<br>S302-06/06/0R-200/3A-...<br>Dimensions B x H x T [mm]<br>510 x 185 x 150<br>Weight/power consumption <sup>1)</sup><br>11 kg / 25 VA |
| 100 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/10/0R-200/3A-...<br>S302-04/10/4W-200/3A-...  | S302-06/10/0R-200/3A-...<br>S302-06/10/4W-200/3A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 680 x 245 x 240<br>19 kg / 38 (91) VA   | 870 x 245 x 240<br>23 kg / 51 (91) VA  |
| 160 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/16/0R-200/3A-...<br>S302-04/16/4W-200/3A-...  | S302-06/16/0R-200/3A-...<br>S302-06/16/4W-200/3A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 960 x 300 x 240<br>27 kg / 146 (91) VA  | 1100 x 300 x 240<br>29 kg / 199 (91) VA  |
| 250 mm                | LED red<br>LRD <sup>®</sup> white                                   | S302-04/25/0R-200/3A-...<br>S302-04/25/4W-200/3A-...  | S302-06/25/0R-200/3A-...<br>S302-06/25/4W-200/3A-...   |
|                       | Dimensions B x H x T [mm]<br>Weight/power consumption <sup>1)</sup> | 1500 x 400 x 270<br>46 kg / 184 (164) VA  | 1730 x 400 x 270<br>52 kg / 250 (164) VA   |
| Interface             |   | DCF77/Temperatur °C/°F (...-U3) ■   | ■  |
|                       |   | NTP (Network Time Protocol) (...-U4) ■  | ■  |

The interface ordering code is to be appended to the order number: e.g. S302-04/10/0R-100/0A-U3

<sup>1)</sup> The figures given for weight and power consumption are approximate. Values in brackets apply to LRD<sup>®</sup> versions.



## Technical data

|                       |  |
|-----------------------|--|
| Power supply          | 230 V AC +15/-10 %, 50 Hz (option 24 V DC $\pm$ 15%)   |
| Power consumption     | see type tables  |
| Housing               | Sheet steel, varnished (optionally stainless steel)  |
| Housing body          | light gray RAL 7035  |
| Front frame           | ultramarine blue RAL 5002  |
| Protection type       | IP54 (IP65 optional)   |
| Front panel           | LED <sup>1)</sup> , red: red, non-reflecting; other LED and LRD <sup>®</sup> : clear, non-reflecting |
| Operating temperature | 0...55 °C  |
| Storage temperature   | -30...85 °C  |
| Relative humidity     | 95% (non-condensing)   |

## Options

|  |                                |
|--|--------------------------------|
| LED for outdoor application                              | S302-xx/xx/2x-xxx/xx-xxx/xx-xx |
| LED green (more colors on request)                       | S302/SX302-xx/xx/xG-xxx/xx-xx  |
| Housing sheet steel, bilayer painting                    | S302/SX302-xx/xx/xx-x1x/xx-xx  |
| Housing sheet steel V2A (stainless steel), coated        | S302/SX302-xx/xx/xx-x2x/xx-xx  |
| Housing sheet steel V2A (stainless steel), brushed       | S302/SX302-xx/xx/xx-x3x/xx-xx  |
| Housing sheet steel V4A (stainless steel), brushed       | S302/SX302-xx/xx/xx-x5x/xx-xx  |
| Protection type IP65                                     | S302/SX302-xx/xx/xx-xx1/xx-xx  |
| Protection type IP54 with climate adjustment             | S302/SX302-xx/xx/xx-xx2/xx-xx  |
| Protection type IP54 with climate adjustment and heating | S302/SX302-xx/xx/xx-xx4/xx-xx  |
| Power supply 24 V DC $\pm$ 15 %, galvanically isolated   | S302/SX302-xx/xx/xx-xxx/xB-xx  |

<sup>1)</sup> LED, red for outdoor application: clear.

## Dimension symbol

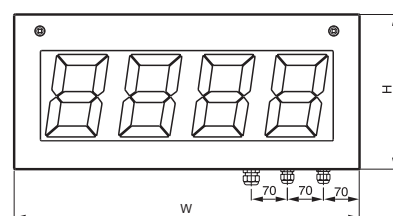
|                               |                             |                               |                                 |                                |                                |                                |                                 |                                |                                |                               |                                 |
|-------------------------------|-----------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|
| F101                          | F102                        | F103                          | F104                            | F106                           | F107                           | F111                           | F112                            | F113                           | F114                           | F120                          |                                 |
| <b>g</b>                      | <b>kg</b>                   | <b>t</b>                      | <b>kp</b>                       | $\frac{\text{kg}}{\text{min}}$ | $\frac{\text{kg}}{\text{h}}$   | $\frac{\text{g}}{\text{mm}^2}$ | $\frac{\text{kg}}{\text{cm}^2}$ | $\frac{\text{kg}}{\text{m}^2}$ | $\frac{\text{kg}}{\text{m}^3}$ | <b>t/h</b>                    |                                 |
| F131                          | F132                        | F141                          | F143                            | F152                           | F154                           | F201                           | F202                            | F203                           | F204                           | F205                          | F206                            |
| <b>N</b>                      | <b>kN</b>                   | <b>l</b>                      | $\frac{\text{l}}{\text{min}}$   | <b>l/s</b>                     | <b>l/h</b>                     | <b>mm</b>                      | <b>cm</b>                       | <b>m</b>                       | <b>km</b>                      | <b>mm<sup>2</sup></b>         | <b>cm<sup>2</sup></b>           |
| F207                          | F208                        | F209                          | F210                            | F211                           | F212                           | F213                           | F214                            | F215                           | F216                           | F218                          | F220                            |
| <b>m<sup>2</sup></b>          | <b>mm<sup>3</sup></b>       | <b>cm<sup>3</sup></b>         | <b>m<sup>3</sup></b>            | $\frac{\text{mm}}{\text{s}}$   | $\frac{\text{mm}}{\text{min}}$ | $\frac{\text{mm}}{\text{h}}$   | $\frac{\text{cm}}{\text{s}}$    | $\frac{\text{cm}}{\text{min}}$ | $\frac{\text{cm}}{\text{h}}$   | $\frac{\text{m}}{\text{min}}$ | $\frac{\text{km}}{\text{h}}$    |
| F227                          | F229                        | F233                          | F235                            | F236                           | F237                           | F303                           | F304                            | F308                           | F309                           | F310                          | F313                            |
| $\frac{\text{m}}{\text{s}}$   | $\frac{\text{m}}{\text{h}}$ | $\frac{\text{m}^2}{\text{h}}$ | $\frac{\text{m}^3}{\text{min}}$ | $\frac{\text{m}^3}{\text{h}}$  | $\frac{\text{Nm}^3}{\text{h}}$ | <b>V</b>                       | <b>kV</b>                       | <b>VA</b>                      | <b>kVA</b>                     | <b>MVA</b>                    | <b>A</b>                        |
| F318                          | F319                        | F323                          | F324                            | F325                           | F331                           | F332                           | F402                            | F403                           | F404                           | F405                          | F407                            |
| <b>Hz</b>                     | <b>kHz</b>                  | <b>W</b>                      | <b>kW</b>                       | <b>MW</b>                      | <b>kWh</b>                     | <b>MWh</b>                     | <b>s</b>                        | <b>min</b>                     | <b>h</b>                       | $\frac{1}{\text{min}}$        | $\frac{\text{Stk}}{\text{min}}$ |
| F408                          | F416                        | F432                          | F433                            | F434                           | F435                           | F440                           | F441                            | F444                           | F445                           | F446                          | F447                            |
| $\frac{\text{Stk}}{\text{h}}$ | <b>rpm</b>                  | <b>%</b>                      | <b>%F</b>                       | <b>%rF</b>                     | <b>%rH</b>                     | <b>°C</b>                      | <b>ppm</b>                      | <b>bar</b>                     | <b>Pa</b>                      | <b>kPa</b>                    | <b>pH</b>                       |

Typeface: Helvetica, Material: Heavy-duty foil, Color: white  
Size: depends on the dimension symbol in question

## Dimensions

Read off on one side

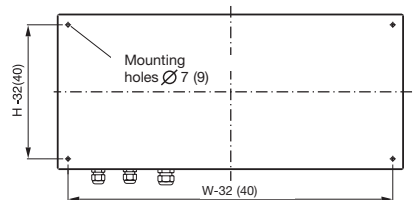
Front view



Side view

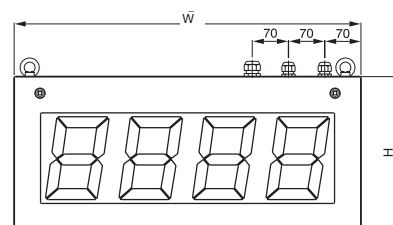


Rear view

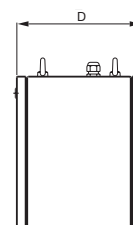


Read off on two sides

Front view



Side view



Rear view:  
Dimensions in brackets apply to units with digit height of 160 and 250 mm.

Number of housing fasteners depends on unit size.

Read off on two sides:  
Units with 57 mm digit height: 2 eyebolts  
other units: 4 eyebolts

Dimensions in mm. B x H x T : see models table  
The units shown are examples.

Series S302/SX302  
**Numeric and  
 alphanumeric  
 large size displays**



**GERMANY**  
 Siebert Industrieelektronik GmbH  
 Siebertstrasse, D-66571 Eppelborn  
 Postfach 11 80, D-66565 Eppelborn  
 Phone. +49 (0) 68 06 980-0  
 Fax +49 (0) 68 06 980-999  
[www.siebert.de](http://www.siebert.de), [info@siebert.de](mailto:info@siebert.de)



**FRANCE**  
 Siebert France Sarl  
 33, rue Poincaré - BP 90 334  
 F-57203 Sarreguemines Cédex  
 Phone +33 (0) 3 87 98 63 68  
 Fax +33 (0) 3 87 98 63 94  
[www.siebert.fr](http://www.siebert.fr), [info@siebert.fr](mailto:info@siebert.fr)

**NETHERLANDS**  
 Siebert Nederland B.V.  
 Korenmaat 12<sup>b</sup>  
 NL-9405 TJ Assen  
 Phone +31 (0) 592-305868  
 Fax +31 (0) 592-301736  
[www.siebert-nederland.nl](http://www.siebert-nederland.nl)  
[info@siebert-nederland.nl](mailto:info@siebert-nederland.nl)

**AUSTRIA**  
 Siebert Österreich GmbH  
 Mooslackengasse 17  
 A-1190 Wien  
 Phone +43 (0)1 890 63 86-0  
 Fax +43 (0)1 890 63 86-99  
[www.siebert-oesterreich.at](http://www.siebert-oesterreich.at)  
[info@siebert-oesterreich.at](mailto:info@siebert-oesterreich.at)

**SWEDEN**  
 Siebert Scandinavia AB  
 Box 27104  
 S-102 52 Stockholm  
 Valhallavägen 185  
 S-115 53 Stockholm  
[www.siebert.se](http://www.siebert.se)  
[info@siebert.se](mailto:info@siebert.se)

**SWITZERLAND**  
 Siebert AG  
 Bützbergstrasse 2 - Postfach 91  
 CH-4912 Aarwangen  
 Phone +41 (0) 62 922 18 70  
 Fax +41 (0) 62 922 33 37  
[www.siebert.ch](http://www.siebert.ch), [info@siebert.ch](mailto:info@siebert.ch)

**INTERNATIONAL**  
 Argentina, Australia, Belgium,  
 Czech Republic, Denmark, Estonia,  
 Finland, Great Britain, Iran, Italy, Korea,  
 Latvia, Luxembourg, Malaysia, Mexico,  
 Norway, Poland, Russia, Singapore,  
 Spain, South Africa, Turkey



- Automotive industry
- Chemicals & Pharmaceuticals
- Transport & Logistics
- Mechanical and industrial plant engineering
- Food processing and luxury food industry
- Steel production
- Steel formation
- Aerospace industry
- Paper and printing industry
- Textiles industry
- Weighing and dosimetry