



Series S302/SX302
Numeric and
alphanumeric
large size displays

Table of contents	
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.

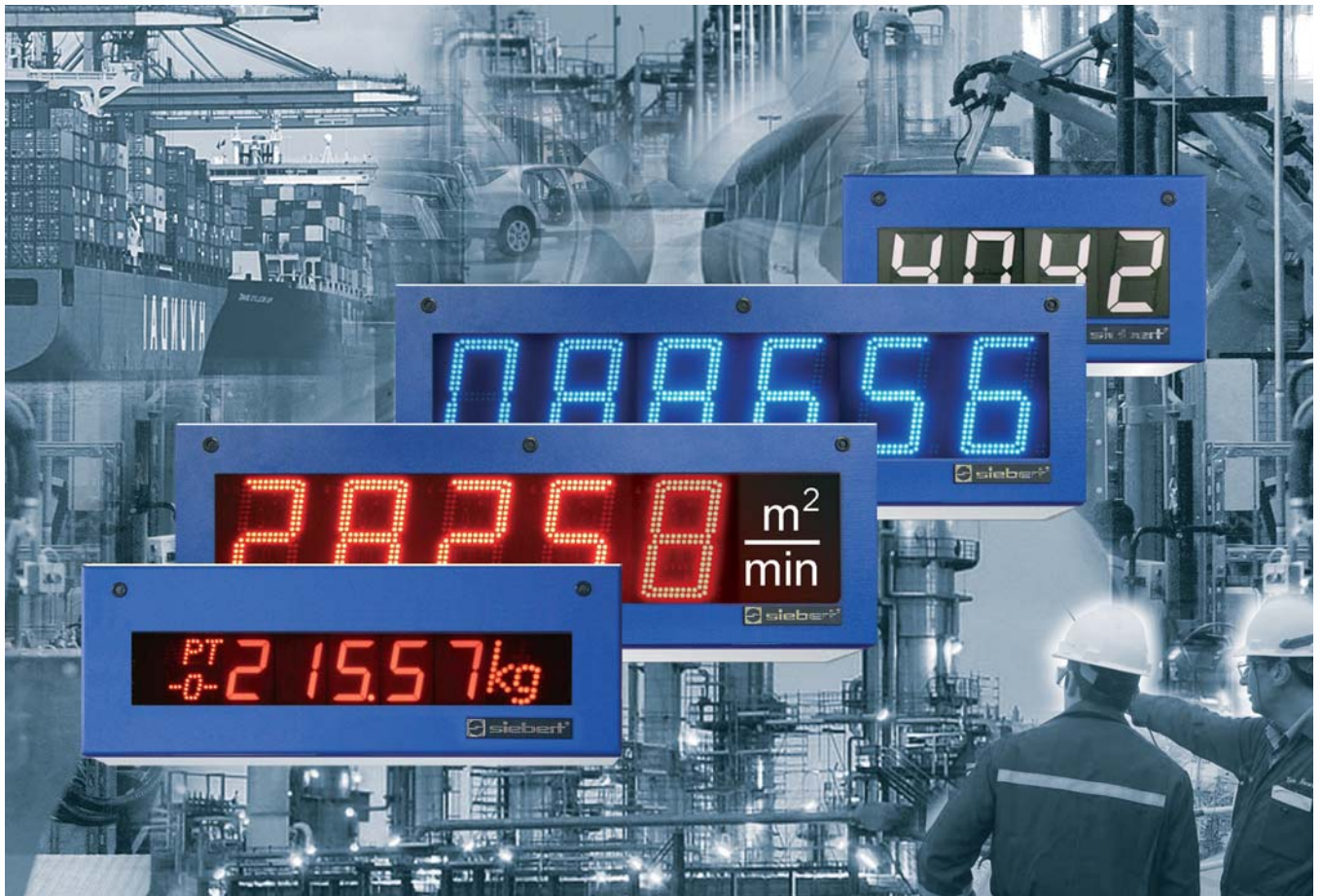
Displays for outdoor applications

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[®] display

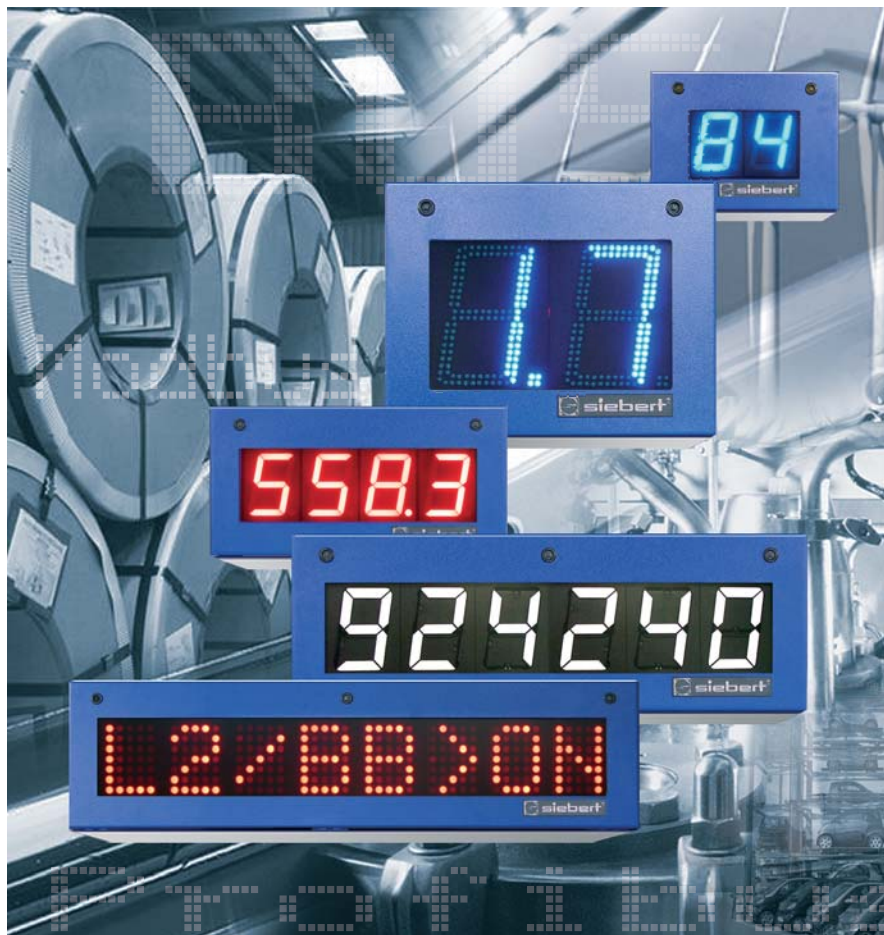
For particularly bright ambient conditions, devices with light-reflecting displays (LRD[®]) are available apart from light-emitting displays (LED).



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) ²⁾ x 185 x 110	300 (400) ²⁾ x 185 x 110
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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) ²⁾ x 185 x 150	300 (400) ²⁾ x 185 x 150
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] versions.

²⁾ Dimensions in brackets apply to units with Profibus interface.


4 digits

S302-04/06/0R-100/0A-...
300 (400)² x 185 x 110
5 kg / 14 VA


5 digits

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


6 digits

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


7 digits

S302-07/06/0R-100/0A-...
510 x 185 x 110
7 kg / 17 VA


8 digits

S302-08/06/0R-100/0A-...
510 x 185 x 110
7 kg / 18 VA

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

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

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

S302-07/10/0R-100/0A-...
S302-07/10/4W-100/0A-...
870 x 245 x 145
14 kg / 30 (50) VA

S302-08/10/0R-100/0A-...
S302-08/10/4W-100/0A-...
870 x 245 x 145
14 kg / 32 (50) VA

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

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

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

S302-07/16/0R-100/0A-...
S302-07/16/4W-100/0A-...
1100 x 300 x 145
20 kg / 104 (50) VA

–
–
–
–

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

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

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

S302-07/25/0R-100/0A-...
S302-07/25/4W-100/0A-...
1730 x 400 x 165
37 kg / 130 (85) VA

–
–
–
–


2 x 4 digits

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


2 x 5 digits

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


2 x 6 digits

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


2 x 7 digits

S302-07/06/0R-200/3A-...
510 x 185 x 150
11 kg / 25 VA


2 x 8 digits

S302-08/06/0R-200/3A-...
510 x 185 x 150
11 kg / 27 VA

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

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

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

S302-07/10/0R-200/3A-...
S302-07/10/4W-200/3A-...
870 x 245 x 240
23 kg / 51 (91) VA

S302-08/10/0R-200/3A-...
S302-08/10/4W-200/3A-...
870 x 245 x 240
23 kg / 55 (91) VA

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

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

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

S302-07/16/0R-200/3A-...
S302-07/16/4W-200/3A-...
1100 x 300 x 240
29 kg / 199 (91) VA

–
–
–
–

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

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

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

S302-07/25/0R-200/3A-...
S302-07/25/4W-200/3A-...
1730 x 400 x 270
52 kg / 250 (164) VA

–
–
–
–

■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■
■	■	■	■	■

Numeric large size displays with dimension symbol

Read off
on one side



Character height	Display	1 digit + dimension ³⁾	2 digits + dimension ³⁾	3 digits + dimension ³⁾
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) ²⁾ x 185 x 110	300 (400) ²⁾ x 185 x 110
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 ³⁾	2 x 2 digits + dimension ³⁾	2 x 3 digits + dimension ³⁾
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) ²⁾ x 185 x 150	300 (400) ²⁾ x 185 x 150
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] versions.

²⁾ Dimensions in brackets apply to units with Profibus interface.

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



4 digits + dimension³⁾

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



5 digits + dimension³⁾

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



6 digits + dimension³⁾

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



7 digits + dimension³⁾

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

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-
-
-

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 + dimension³⁾

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



2 x 5 digits + dimension³⁾

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



2 x 6 digits + dimension³⁾

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



2 x 7 digits + dimension³⁾

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-100/30A-...
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) ² x 185 x 110	300 (400) ² x 185 x 110
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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) ² x 185 x 150	300 (400) ² x 185 x 150
	Weight/power consumption ¹⁾	–	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 [®] 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 ¹⁾	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)	■	■	■

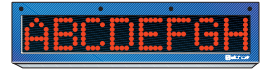
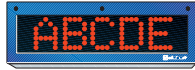
The interface ordering code is to be appended to the order number: e.g. SX302-06/10/0R-100/0A-S0

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] versions.

²⁾ 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) ² 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



2 x 4 digits	2 x 5 digits	2 x 6 digits	2 x 7 digits	2 x 8 digits
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) ² 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

Character height	Display	4 digits		5 digits		4 digits + dimension ²⁾				
		Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾	Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾	Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾
57 mm	LED red	S302-04/06/0R-100/0A-...	300 x 185 x 110	5 kg / 14 VA	S302-05/06/0R-100/0A-...	400 x 185 x 110	6 kg / 15 VA	S302-F4/06/0R-100/0A-...	400 x 185 x 110	6 kg / 14 VA
	LRD [®] white	S302-04/10/4W-100/0A-...	480 x 245 x 145	9 kg / 21 (50) VA	S302-05/10/4W-100/0A-...	680 x 245 x 145	12 kg / 23 (50) VA	S302-F4/10/4W-100/0A-...	680 x 245 x 145	11 kg / 21 (50) VA
	Dimensions B x H x T [mm]	300 x 185 x 110		400 x 185 x 110		400 x 185 x 110				
100 mm	LED red	S302-04/16/0R-100/0A-...	670 x 300 x 145	15 kg / 64 (50) VA	S302-05/16/0R-100/0A-...	960 x 300 x 145	18 kg / 77 (50) VA	S302-F4/16/0R-100/0A-...	960 x 300 x 145	18 kg / 64 (50) VA
	LRD [®] white	S302-04/16/4W-100/0A-...	670 x 300 x 145	15 kg / 64 (50) VA	S302-05/16/4W-100/0A-...	960 x 300 x 145	18 kg / 77 (50) VA	S302-F4/16/4W-100/0A-...	960 x 300 x 145	18 kg / 64 (50) VA
	Dimensions B x H x T [mm]	670 x 300 x 145		960 x 300 x 145		960 x 300 x 145				
160 mm	LED red	S302-04/25/0R-100/0A-...	1030 x 400 x 165	24 kg / 79 (85) VA	S302-05/25/0R-100/0A-...	1500 x 400 x 165	33 kg / 96 (85) VA	S302-F4/25/0R-100/0A-...	1500 x 400 x 165	32 kg / 79 (85) VA
	LRD [®] white	S302-04/25/4W-100/0A-...	1030 x 400 x 165	24 kg / 79 (85) VA	S302-05/25/4W-100/0A-...	1500 x 400 x 165	33 kg / 96 (85) VA	S302-F4/25/4W-100/0A-...	1500 x 400 x 165	32 kg / 79 (85) VA
	Dimensions B x H x T [mm]	1030 x 400 x 165		1500 x 400 x 165		1500 x 400 x 165				
250 mm	LED red	S302-04/25/0R-100/0A-...	1030 x 400 x 165	24 kg / 79 (85) VA	S302-05/25/0R-100/0A-...	1500 x 400 x 165	33 kg / 96 (85) VA	S302-F4/25/0R-100/0A-...	1500 x 400 x 165	32 kg / 79 (85) VA
	LRD [®] white	S302-04/25/4W-100/0A-...	1030 x 400 x 165	24 kg / 79 (85) VA	S302-05/25/4W-100/0A-...	1500 x 400 x 165	33 kg / 96 (85) VA	S302-F4/25/4W-100/0A-...	1500 x 400 x 165	32 kg / 79 (85) VA
	Dimensions B x H x T [mm]	1030 x 400 x 165		1500 x 400 x 165		1500 x 400 x 165				

Character height	Display	2 x 4 digits		2 x 5 digits		2 x 4 digits + dimension ²⁾				
		Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾	Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾	Model	Dimensions B x H x T [mm]	Weight/power consumption ¹⁾
57 mm	LED red	S302-04/06/0R-200/3A-...	300 x 185 x 150	9 kg / 19 VA	S302-05/06/0R-200/3A-...	400 x 185 x 150	9 kg / 21 VA	S302-F4/06/0R-200/3A-...	400 x 185 x 150	9 kg / 19 VA
	LRD [®] white	S302-04/10/4W-100/3A-...	480 x 245 x 240	15 kg / 33 (91) VA	S302-05/10/4W-100/3A-...	680 x 245 x 240	19 kg / 38 (91) VA	S302-F4/10/4W-100/3A-...	680 x 245 x 240	19 kg / 33 (91) VA
	Dimensions B x H x T [mm]	300 x 185 x 150		400 x 185 x 150		400 x 185 x 150				
100 mm	LED red	S302-04/16/0R-200/3A-...	670 x 300 x 240	20 kg / 119 (91) VA	S302-05/16/0R-200/3A-...	960 x 300 x 240	26 kg / 146 (91) VA	S302-F4/16/0R-200/3A-...	960 x 300 x 240	26 kg / 119 (91) VA
	LRD [®] white	S302-04/16/4W-200/3A-...	670 x 300 x 240	20 kg / 119 (91) VA	S302-05/16/4W-200/3A-...	960 x 300 x 240	26 kg / 146 (91) VA	S302-F4/16/4W-200/3A-...	960 x 300 x 240	26 kg / 119 (91) VA
	Dimensions B x H x T [mm]	670 x 300 x 240		960 x 300 x 240		960 x 300 x 240				
160 mm	LED red	S302-04/25/0R-200/3A-...	1030 x 400 x 270	34 kg / 150 (164) VA	S302-05/25/0R-200/3A-...	1500 x 400 x 270	45 kg / 184 (164) VA	S302-F4/25/0R-200/3A-...	1500 x 400 x 270	45 kg / 150 (164) VA
	LRD [®] white	S302-04/25/4W-200/3A-...	1030 x 400 x 270	34 kg / 150 (164) VA	S302-05/25/4W-200/3A-...	1500 x 400 x 270	45 kg / 184 (164) VA	S302-F4/25/4W-200/3A-...	1500 x 400 x 270	45 kg / 150 (164) VA
	Dimensions B x H x T [mm]	1030 x 400 x 270		1500 x 400 x 270		1500 x 400 x 270				
250 mm	LED red	S302-04/25/0R-200/3A-...	1030 x 400 x 270	34 kg / 150 (164) VA	S302-05/25/0R-200/3A-...	1500 x 400 x 270	45 kg / 184 (164) VA	S302-F4/25/0R-200/3A-...	1500 x 400 x 270	45 kg / 150 (164) VA
	LRD [®] white	S302-04/25/4W-200/3A-...	1030 x 400 x 270	34 kg / 150 (164) VA	S302-05/25/4W-200/3A-...	1500 x 400 x 270	45 kg / 184 (164) VA	S302-F4/25/4W-200/3A-...	1500 x 400 x 270	45 kg / 150 (164) VA
	Dimensions B x H x T [mm]	1030 x 400 x 270		1500 x 400 x 270		1500 x 400 x 270				

Features			
Dimension symbol	-	-	foil letters ²⁾
Status indicator NET/T, -0-	-	-	-

Data protocols ³⁾			
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

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] versions.



5 digits + dimension²⁾

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 + dimension²⁾

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 letters²⁾

LED

LED

LED

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

³⁾ 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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 [®] 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 ¹⁾	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

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] 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)² 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 S302-04/06/0R-100/0A-... Dimensions B x H x T [mm] 300 x 185 x 110 Weight/power consumption ¹⁾ 6 kg / 15 VA	LED red S302-06/06/0R-100/0A-... Dimensions B x H x T [mm] 400 x 185 x 110 Weight/power consumption ¹⁾ 7 kg / 17 VA
100 mm	LED red LRD [®] white	S302-04/10/0R-100/0A-... S302-04/10/4W-100/0A-...	S302-06/10/0R-100/0A-... S302-06/10/4W-100/0A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	680 x 245 x 145 12 kg / 23 (50) VA	870 x 245 x 145 14 kg / 30 (50) VA
160 mm	LED red LRD [®] white	S302-04/16/0R-100/0A-... S302-04/16/4W-100/0A-...	S302-06/16/0R-100/0A-... S302-06/16/4W-100/0A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	960 x 300 x 145 17 kg / 77 (50) VA	1100 x 300 x 145 20 kg / 104 (50) VA
250 mm	LED red LRD [®] white	S302-04/25/0R-100/0A-... S302-04/25/4W-100/0A-...	S302-06/25/0R-100/0A-... S302-06/25/4W-100/0A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	1500 x 400 x 165 32 kg / 96 (85) VA	1730 x 400 x 165 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 S302-04/06/0R-200/3A-... Dimensions B x H x T [mm] 400 x 185 x 150 Weight/power consumption ¹⁾ 9 kg / 21 VA	LED red S302-06/06/0R-200/3A-... Dimensions B x H x T [mm] 510 x 185 x 150 Weight/power consumption ¹⁾ 11 kg / 25 VA
100 mm	LED red LRD [®] white	S302-04/10/0R-200/3A-... S302-04/10/4W-200/3A-...	S302-06/10/0R-200/3A-... S302-06/10/4W-200/3A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	680 x 245 x 240 19 kg / 38 (91) VA	870 x 245 x 240 23 kg / 51 (91) VA
160 mm	LED red LRD [®] white	S302-04/16/0R-200/3A-... S302-04/16/4W-200/3A-...	S302-06/16/0R-200/3A-... S302-06/16/4W-200/3A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	960 x 300 x 240 27 kg / 146 (91) VA	1100 x 300 x 240 29 kg / 199 (91) VA
250 mm	LED red LRD [®] white	S302-04/25/0R-200/3A-... S302-04/25/4W-200/3A-...	S302-06/25/0R-200/3A-... S302-06/25/4W-200/3A-...
	Dimensions B x H x T [mm] Weight/power consumption ¹⁾	1500 x 400 x 270 46 kg / 184 (164) VA	1730 x 400 x 270 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

¹⁾ The figures given for weight and power consumption are approximate. Values in brackets apply to LRD[®] 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 ¹⁾ , red: red, non-reflecting; other LED and LRD [®] : 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

¹⁾ LED, red for outdoor application: clear.

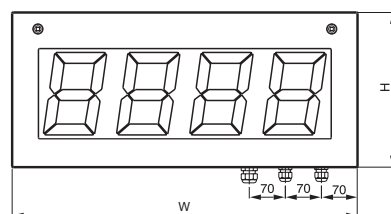
Dimension symbol

F101	F102	F103	F104	F106	F107	F111	F112	F113	F114	F120	
g	kg	t	kp	$\frac{\text{kg}}{\text{min}}$	$\frac{\text{kg}}{\text{h}}$	$\frac{\text{g}}{\text{mm}^2}$	$\frac{\text{kg}}{\text{cm}^2}$	$\frac{\text{kg}}{\text{m}^2}$	$\frac{\text{kg}}{\text{m}^3}$	t/h	
F131	F132	F141	F143	F152	F154	F201	F202	F203	F204	F205	F206
N	kN	l	$\frac{\text{l}}{\text{min}}$	l/s	l/h	mm	cm	m	km	mm²	cm²
F207	F208	F209	F210	F211	F212	F213	F214	F215	F216	F218	F220
m²	mm³	cm³	m³	$\frac{\text{mm}}{\text{s}}$	$\frac{\text{mm}}{\text{min}}$	$\frac{\text{mm}}{\text{h}}$	$\frac{\text{cm}}{\text{s}}$	$\frac{\text{cm}}{\text{min}}$	$\frac{\text{cm}}{\text{h}}$	$\frac{\text{m}}{\text{min}}$	$\frac{\text{km}}{\text{h}}$
F227	F229	F233	F235	F236	F237	F303	F304	F308	F309	F310	F313
$\frac{\text{m}}{\text{s}}$	$\frac{\text{m}}{\text{h}}$	$\frac{\text{m}^2}{\text{h}}$	$\frac{\text{m}^3}{\text{min}}$	$\frac{\text{m}^3}{\text{h}}$	$\frac{\text{Nm}^3}{\text{h}}$	V	kV	VA	kVA	MVA	A
F318	F319	F323	F324	F325	F331	F332	F402	F403	F404	F405	F407
Hz	kHz	W	kW	MW	kWh	MWh	s	min	h	$\frac{1}{\text{min}}$	$\frac{\text{Stk}}{\text{min}}$
F408	F416	F432	F433	F434	F435	F440	F441	F444	F445	F446	F447
$\frac{\text{Stk}}{\text{h}}$	rpm	%	%F	%rF	%rH	°C	ppm	bar	Pa	kPa	pH

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

Dimensions

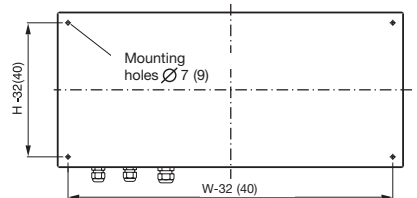
Read off on one side
Front view



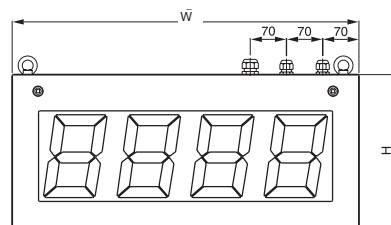
Side view



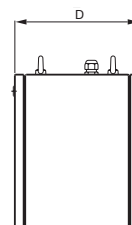
Rear view



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**



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- Automotive industry
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- Steel production
- Steel formation
- Aerospace industry
- Paper and printing industry
- Textiles industry
- Weighing and dosimetry