

# Series S202/SX202

## Panel mount digital displays for Profinet






The digital displays of the S202 series are designed for installation in front panels or for switch panel mounting. With character heights of 57 mm they are also well readable from further distances.



# Series S202

## Units with numeric display

### Standard units

			
<b>Character height 57 mm</b>	<b>2 digits</b>	<b>3 digits</b>	<b>4 digits</b>
Type designation	S202-02/06/0R-001/0B-N0	S202-03/06/0x-001/0B-N0	S202-04/06/0x-001/0B-N0
Measures A x B	144 x 96 mm	192 x 96 mm	240 x 96 mm



  

		
<b>Character height 57 mm</b>	<b>5 digits</b>	<b>6 digits</b>
Type designation	S202-05/06/0x-001/0B-N0	S202-06/06/0x-001/0B-N0
Measures A x B	288 x 96 mm	336 x 96 mm

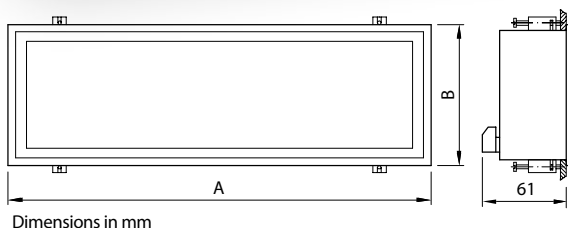
### Stand units with dimension symbols

			
<b>Character height 57 mm</b>	<b>2 digits + dimension<sup>1</sup></b>	<b>3 digits + dimension<sup>1</sup></b>	<b>4 digits + dimension<sup>1</sup></b>
Type designation	S202-F2/06/0R-001/0B-N0	S202-F3/06/0x-001/0B-N0	S202-F4/06/0x-001/0B-N0
Measures A x B	192 x 96 mm	240 x 96 mm	288 x 96 mm

		
<b>Character height 57 mm</b>	<b>5 digits + dimension<sup>1</sup></b>	<b>6 digits + dimension<sup>1</sup></b>
Type designation	S202-F5/06/0x-001/0B-N0	S202-F6/06/0x-001/0B-N0
Measures A x B	336 x 96 mm	384 x 96 mm

<sup>1</sup> Dimension symbols see table on page 3



### Technical data

Power supply	24 V DC ±15 %, galvanically isolated, protected against reversed polarity
Protection type	IP65 front
Connecting technology	2 x RJ45 socket, PROFINET conformance class CC-B

Detailed technical data see operating instructions.

### LED color

Red	S202-xx/xx/xR-xxx/xx-xx
Green	S202-xx/xx/xG-xxx/xx-xx

### Comfortable parameterization

The displays are fully parameterized with an engineering framework, for example Totally Integrated Automation (TIA) Siemens portal. This permits the parameterization even in build-in condition.

### Display overflow and underflow

If the display receives values which can not be displayed `uuuu` or `oooo` appears in the display.

### Leading zeros

The numbers of the leading zeros can be set individually.

### Smart-Dot-Function

If the Smart-Dot-Function is activated the display moves the decimal point automatically, so that the value before decimal point is automatically displayed. The decimal places are either truncated or rounded.

To display a date or a code several decimal points can be displayed also.



### Integrated switch

The devices have two RJ45 sockets and an integrated IRT-ready switch in accordance with the conformance class CC-C.



### Extended character set

Among the digits the character set also contains the other letters and special characters which can be displayed with a 7-segment matrix.



### Unit conversion function

A formula, which can be stored in the display, allows the displaying of values in other measuring units, for example degrees Fahrenheit in degrees Celsius or kilograms to tons.

### Different presentational attribute

Values can be displays left-justified or right-justified. There are also different flashing modes to choose.

An automatic change in presentation is possible as well as when exceeding two threshold values or when falling below two threshold values. If for example the limit value is exceeded the value is flashing in the display. When the value returns to a value within the threshold the value shines permanently on the display again.

### Dimension symbols

The shown dimension symbols are available.

F101	F102	F103	F120	F130	F141	F152	F161	F201	F202	F203	F210	F218	F220	F227	F235
g	kg	t	t/h	daN	l	l/s	ℓ	mm	cm	m	m <sup>3</sup>	m/min	km/h	m/s	m <sup>3</sup> /min
F314	F324	F325	F331	F332	F402	F403	F404	F405	F406	F432	F440	F441	F443	F444	F476
kA	kW	MW	kWh	MWh	s	min	h	1/min	Stk.	%	°C	ppm	mbar	bar	mmWS

# Series SX202

## Displays for alphanumeric character representation

### Standard units



Character height 30 mm	8 characters	12 characters	16 characters
Type designation	SX202-08/03/0x-001/0B-N0	SX202-12/03/0x-001/0B-N0	SX202-16/03/0x-001/0B-N0
Measures A x B	264 x 96 mm	384 x 96 mm	480 x 96 mm



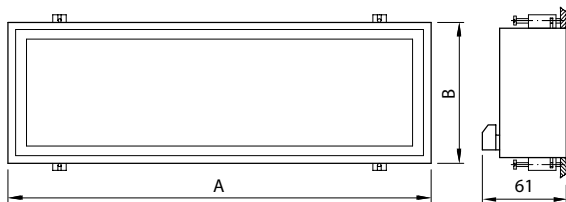
Character height 30 mm	20 characters	24 characters
Type designation	SX202-20/03/0x-001/0B-N0	SX202-24/03/0x-001/0B-N0
Measures A x B	600 x 96 mm	696 x 96 mm



Character height 50 mm	4 characters	6 characters	8 characters
Type designation	SX202-04/05/0x-001/0B-N0	SX202-06/05/0x-001/0B-N0	SX202-08/05/0x-001/0B-N0
Measures A x B	240 x 96 mm	336 x 96 mm	432 x 96 mm



Character height 50 mm	12 characters	16 characters
Type designation	SX202-12/05/0x-001/0B-N0	SX202-16/05/0x-001/0B-N0
Measures A x B	624 x 96 mm	816 x 96 mm



Dimensions in mm



### Comfortable parameterization

The displays are fully parameterized with an engineering framework, for example Totally Integrated Automation (TIA) Siemens portal. This permits the parameterization even in mounted condition.

### Different presentational attribute

Values can be displays left-justified or right-justified. There are also different flashing modes to choose.

### Integrated switch

The devices have two RJ45 sockets and an integrated IRT-ready switch in accordance with the conformance class CC-C.

### LED color

Red                    SX202-xx/xx/xR-xxx/xx-xx  
Green                SX202-xx/xx/xG-xxx/xx-xx

### Technical data

Power supply	24 V DC ±15 %, galvanically isolated, protected against reversed polarity
Protection type	IP65 front
Connecting technology	2 x RJ45 socket, PROFINET conformance class CC-C
Detailed technical data see operating instructions.	

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