



## Series SX402

Alphanumeric displays in build-in housings  
with PROFINET IO RT interface

Operating instructions (version 1.00)

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## 2 Legal note

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This operation manual has been prepared with the utmost care. However, we do not accept any liability for possible errors. We always appreciate your suggestions for improvement, corrections, comments and proposals. Please contact us: [editing@siebert-group.com](mailto:editing@siebert-group.com)

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### 3 Model designation

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This manual applies to units with the following model designation:  
(x = the 'x's in the model designation indicate the size and design of the units)

SX402-xxx/xx/xx-xxx/xx-N0

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### 4 PROFINET connection

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The integration of the displays in PROFINET environments is described in the manual 'QuickStart for TIA Portal'.

The instructions and the GSDML file are available under the following link:



[manuals.siebert-group.com/sx402-profinet](https://manuals.siebert-group.com/sx402-profinet)

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### 5 Technical data

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#### Field bus

Interface	PROFINET IO RT, conformity class CC-B
MAC address	The MAC address for the PROFINET connection is found on the device.
Integrated switch	PROFINET IO IRT, conformity class CC-C

#### Power supply

Power consumption	24 V DC $\pm 15\%$ , galvanically isolated protected against reversed polarity
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#### Housing

Material	Plastic, black
Protection type	IP65, front

#### Ambient conditions

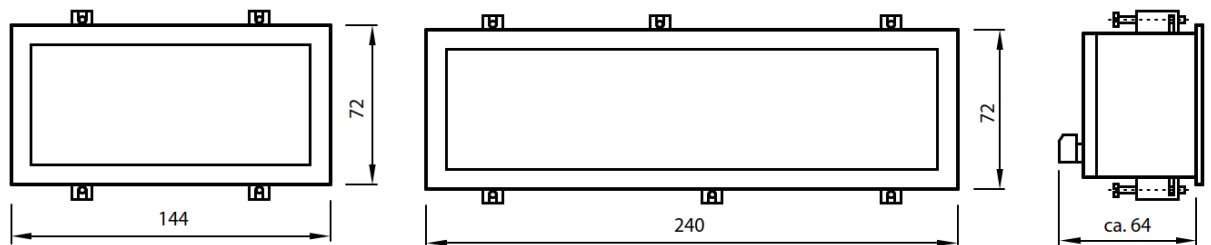
Operating temperature	0...50 °C
Storage temperature	-30...85 °C
Relative humidity	max. 95 % (non condensing)

## 6 Unit properties

The device version is coded in the type designation as follows:

SX402	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	/	<input type="text"/>	<input type="text"/>	/	0	G	-	0	0	1	/	0	B	-	N	0
		:	:	:		:	:													
2 x 20 digits		2	2	0		:	:													
4 x 20 digits		4	2	0		:	:													
2 x 40 digits		2	4	0		:	:													
Character height 5 mm									0	5										
Character height 9 mm									0	9										

## 7 Dimensions, power consumption, weight



Panel cut-out (W x H):  
138 x 66

234 x 66

Dimensions in mm

	Dimensional drawing	Weight [g] <sup>1)</sup>	max. power consumption [VA]
2 x 20 digits			
SX402-220/05/xx-xxx/xx-xx	A	450	7
SX402-220/09/xx-xxx/xx-xx	B	600	7
4 x 20 digits			
SX402-420/05/xx-xxx/xx-xx	A	450	7
2 x 40 digits			
SX402-240/05/xx-xxx/xx-xx	B	600	7

<sup>1)</sup> Approximate Values