

FnIO module 8-channel digital input module, positive switching, 12/24 VDC, ST1218



- The digital input module has 8 channels in 2- and 3-wire connection technology.
- The digital input module records binary control signals.
- A filter with a time constant of 1.5 ms is connected upstream of the input channels to suppress interference.
- The signal status of the channels is indicated by one green status LED per channel.

<https://www.wachendorff-prozesstechnik.de/en/ST1218>

Description

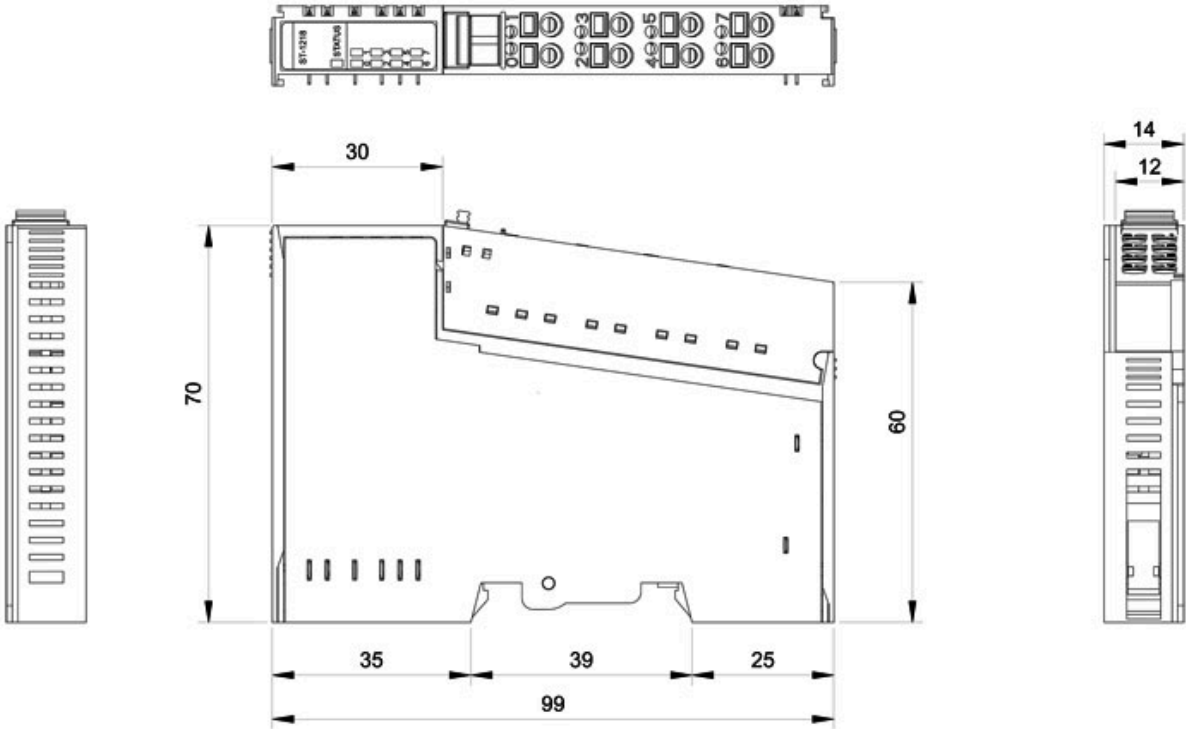
The 8-channel digital input module has 8 channels in 2-/3-wire connection technology with a width of just 12 mm. It records binary control signals from the field, e.g. from sensors, encoders, switches or proximity switches. The module has a detachable connection level (RTB) that enables single-wire conductors to be plugged in directly. The signal status of each channel is indicated by a green status LED.

Product details

Power supply:	Via system voltage 5 VDC
Power consumption:	max. 35 mA at 5 VDC
Cross sections:	I/O cable max. 2 mm ²
Connection technology:	Federal terminal technology with removable connection level (RTB Removable Terminal Block)
Dimensions (WxHxL):	12 mm x 99 mm x 70 mm
Operating temperature:	-20 °C to 60 °C
Operating altitude:	max. 2,000 m
Assembly:	DIN rail
Number of inputs:	8 channels Sink (positive switching)
Indicators:	8 x green for status, 1 x green/red for FnBus status
Signal voltage:	24 VDC typical, min. 10.2 VDC to max. 28.8 VDC
Input current:	max. 6 mA/channel at 28.8 VDC
Input signal response time:	max. 3 ms
Input impedance:	5.1 k
Potential:	Common potential for 8-channels (pins 8 and 9)
Time constant of the input filter:	1.5 ms

Drawings

Dimensions IO module



Downloads / FAQ

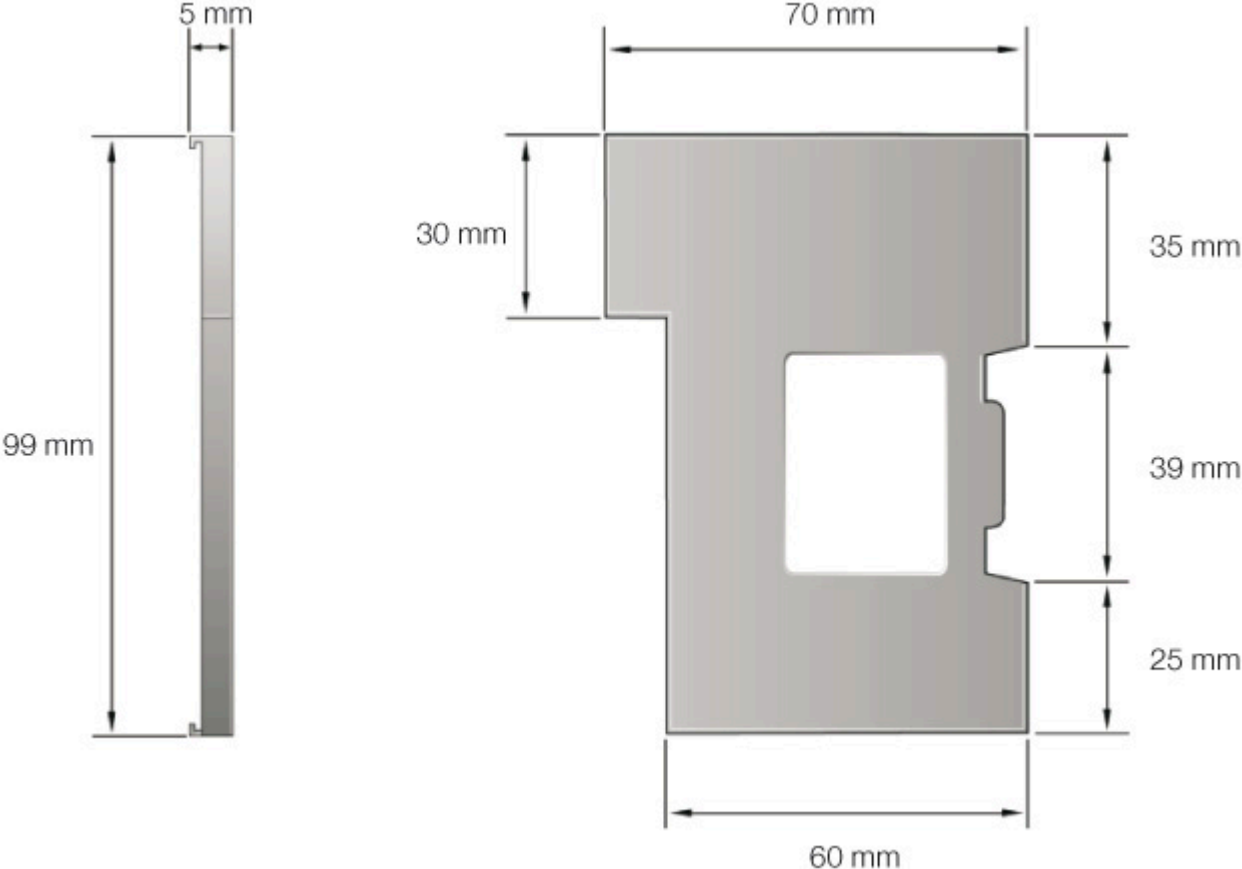
The following files could be downloaded from our website directly from this product under the tab "Drawings":

2D/3D files ST1218:

ST-XXXX_T8_IO-stp.zip

Drawings

End cap dimensions



ST-XXXX_T8_IO-stp.zip



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