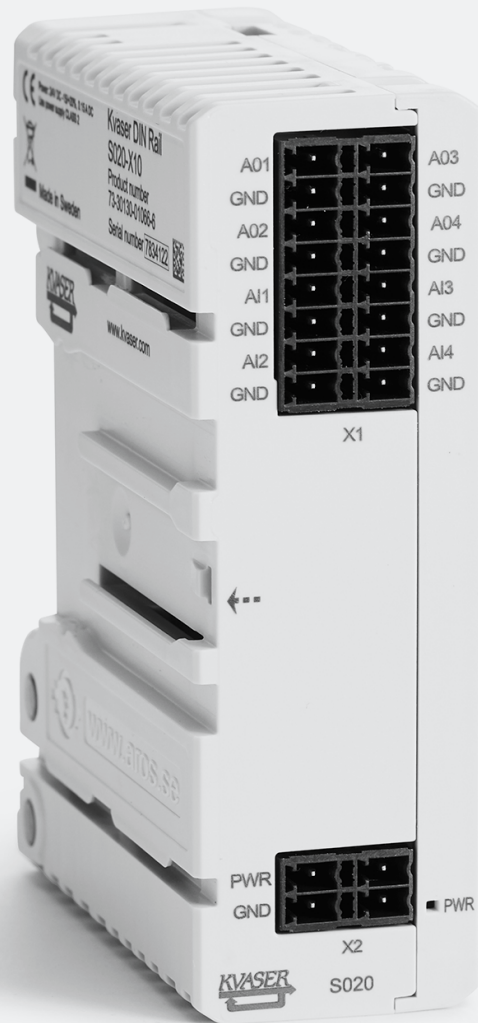
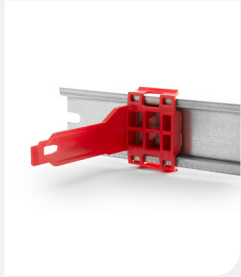




Learn more about  
this product



## Your Gateway to Efficient Connectivity

The Kvaser DIN Rail S020-X10 Analog is an optional add-on module to the Kvaser DIN Rail SE410S-X10 base module.

With four analog inputs and four outputs, this IP20-rated module is thermal, reverse-polarity protected and surge power supply protected. The input voltage range is fixed (between 0 and 10V), and resolution is 12 bits. A power LED displays the state of the module.

**Please Note:** This product does not come with connectors, S020-X10 Analog add-on requires FMC 1,5/8-ST-3,5 and FMCD 1,5/-ST-3,5 connectors.



### Warranty

2-Year warranty. See our general conditions and policies for details.



### Support

Free support for all products by contacting support@kvaser.com



### EAN

73-30130-01066-6

## Major Features

- Supports four analog outputs controllable through the base module.
- CLASS 2 rated input voltage of 24 VDC (-15%/+20%).
- IP20 rated, plus thermal, reverse-polarity and surge protection.
- Smart clip system for easy mounting on DIN Rail; no tools needed.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page ([www.kvaser.com](http://www.kvaser.com)).

## Related products

- Kvaser DIN Rail SE410S-X10 base module EAN 73-30130-01118-2
- Kvaser DIN Rail S010-X10 Digital add-on EAN 73-30130-01065-9
- Kvaser DIN Rail S030-X11 Relay add-on EAN 73-30130-01067-3

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://www.kvaser.com/downloads).

Kvaser SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

<b>Date Transfer Rate</b>	1.5 Mbits/s
<b>Dimensions</b>	33.3 x 75 x 101 mm
<b>Input Current, 24 Process</b>	150 mA
<b>Input to UDP Transmission</b>	2 ms
<b>Installation Position</b>	Variable
<b>IP class</b>	IP20
<b>Power Dissipation Typical</b>	2.1 W
<b>Power Dissipation Max</b>	3.0 W
<b>Power Supply Voltage</b>	24 VDC (-15%/+20%)
<b>Plug-in Current</b>	< 2 A at 1 ms
<b>Reversed Polarity Protected</b>	Yes
<b>Surge Protected Power Supply</b>	Yes
<b>Transmission Medium</b>	Internal Optical Serial Interface
<b>UDP Message to Output</b>	2 ms
<b>Weight</b>	95 g