

106-D5xx Series

16-Ch. DI/O Slave Module

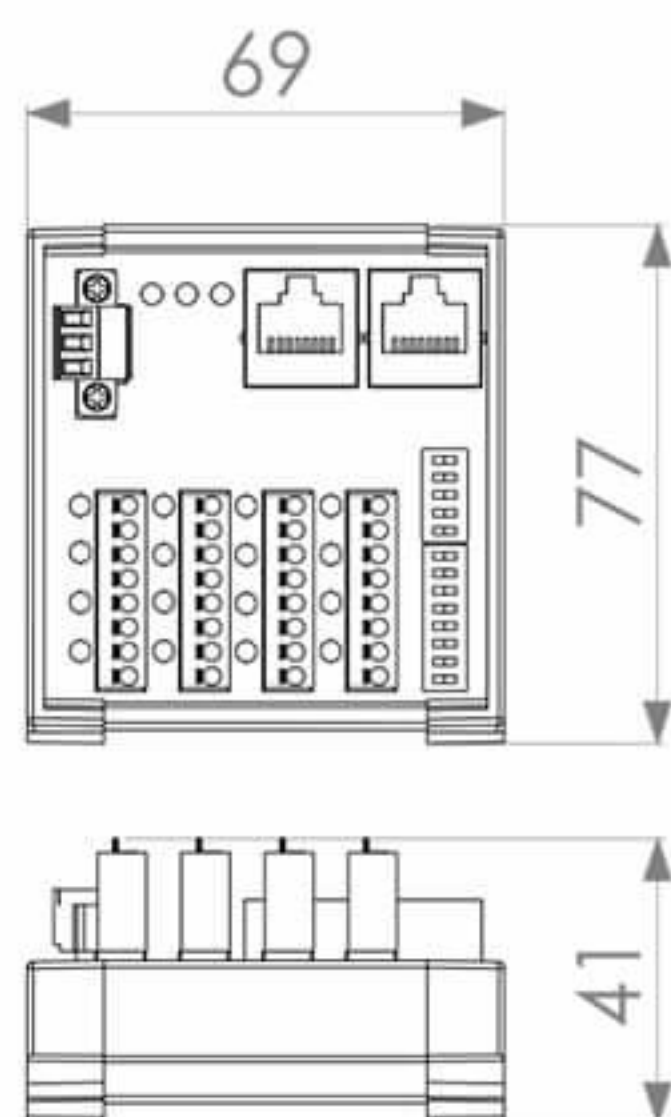
Features

- 16-Channel Motionnet® Digital I/O slave modules
- Max. 20Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnosis
- Pluggable terminal block with spring plug connectors
- DIN rail mounting (L-77 x W-69 x H-41 mm)

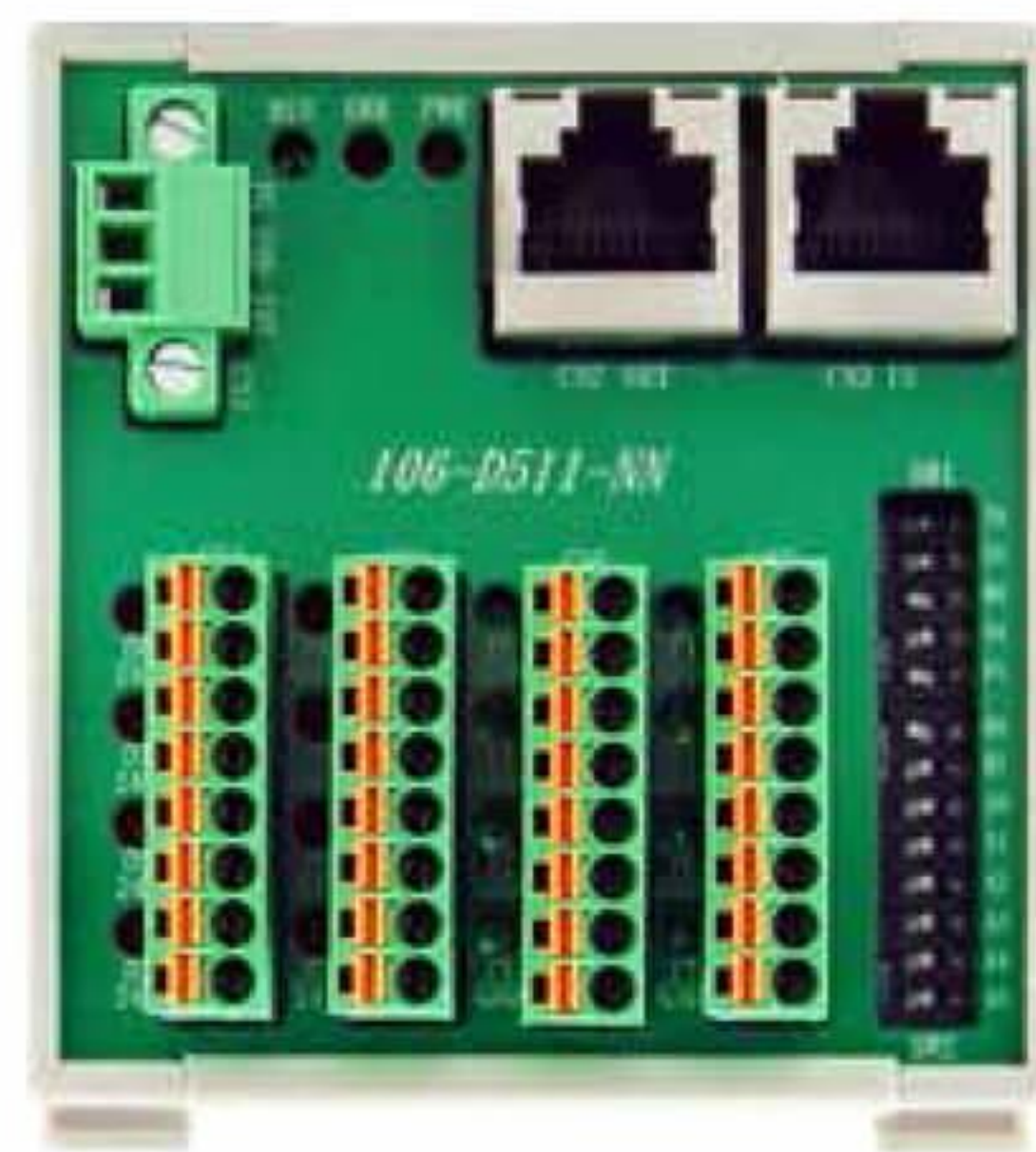
Ordering information

- **106-D520-NXT**
16-Ch. Digital input
- **106-D511-NNT**
8-Ch. Digital input / 8-Ch. Digital output
- **106-D502-XNT**
16-Ch. Digital output
- **SCB-1BB-06A / 10A / 20A / 30A / 50A / A0A**
CAT5 LAN cable, 0.6M / 1M / 2M / 3M / 5M / 10M

Dimension Diagram



Unit: mm



Specifications

Motionnet®

Serial interface	Half duplex RS-485 with transformer isolation
Cable type	CAT5 UTP/STP Ethernet cable
Surge protection	10KV
Transmission speed	2.5Mbps, 5Mbps, 10Mbps and 20Mbps
I/O isolation voltage	3750Vrms
Input impedance	5.6KΩ/0.5W
Input current	±5mA (Max.)
Output types	NPN open collector darlington transistors
Switch capacity	Each output Ch. is 350mA at 24VDC
Response time	On to Off, about 50μs ; Off to On, about 10μs
Over current protection	3A (Max.) for each port (8 Ch.)

General

Power input	24VDC±10%
Power consumption	1.5W typical
Working temperature	0 to 60°C

I/O connector

CN4	CN5	CN6	CN7
O0 01	O4 01	I0 01	I4 01
24V 02	24V 02	GND 02	GND 02
O1 03	O5 03	I1 03	I5 03
24V 04	24V 04	GND 04	GND 04
O2 05	O6 05	I2 05	I6 05
24V 06	24V 06	GND 06	GND 06
O3 07	O7 07	I3 07	I7 07
24V 08	24V 08	GND 08	GND 08

106-D511-NNT Terminal Definitions