



## Features

- 96-Ch. DI/O slave module with NPN/PNP type
- Max. 100Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnostic
- Pluggable terminal block with spring plug connectors
- DIP switch for address setting
- DIN rail mounting (L-122 x W-65 x H-104 mm)

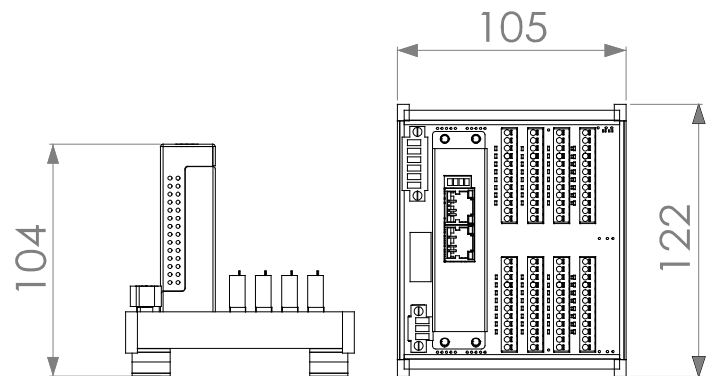
## Specifications

|                         |   |
|-------------------------|---|
| Serial interface        | Fast Ethernet, Full-Duplex  |
| Distributed Clock       | 1ms   |
| Cable type              | CAT5 UTP / STP Ethernet cable   |
| Surge protection        | 10KV  |
| Transmission speed      | 100Mbps   |
| I/O isolation voltage   | 3750Vrms  |
| Input types             | NPN / PNP type  |
| Input impedance         | 5.6kΩ / 0.5W  |
| Input current           | ±5mA(Max)   |
| Output type             | NPN: open collector Darlington;<br>PNP: MOSFET-P;<br>Integral suppression on diodes for inductive loads |
| Switch capacity         | Each output Ch. is 100mA at 24VDC   |
| Response time           | On to Off, about 50μs;<br>Off to On, about 10μs   |
| Over current protection | 1A (Max) for each port (8-Ch.)  |
| Power input             | 24VDC±10%   |
| Power consumption       | 6W typical  |
| Working temperature     | 0 to 60°C   |

## Ordering Information

|                                  |  |
|----------------------------------|--|
| 207-D560-NX/PX                   | 96-Ch. Digital Input (DI) with NPN/PNP type                            |
| 207-D542-NN/PP                   | 64-Ch. Digital Input (DI) and 32-Ch. Digital Output (DO) with PNP type |
| 207-D533-NN/PP                   | 48-Ch. Digital Input (DI) and 48-Ch. Digital Output (DO) with PNP type |
| SCB-1BB-06A/10A /20A/30A/50A/A0A | CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M                                   |

## Dimensions and Drawing



01 EtherCAT Digital Slave

02 EtherCAT Analog Slave

03 EtherCAT Motion Slave

04 EtherCAT Microstep Driver

05 EtherCAT Start-KIT