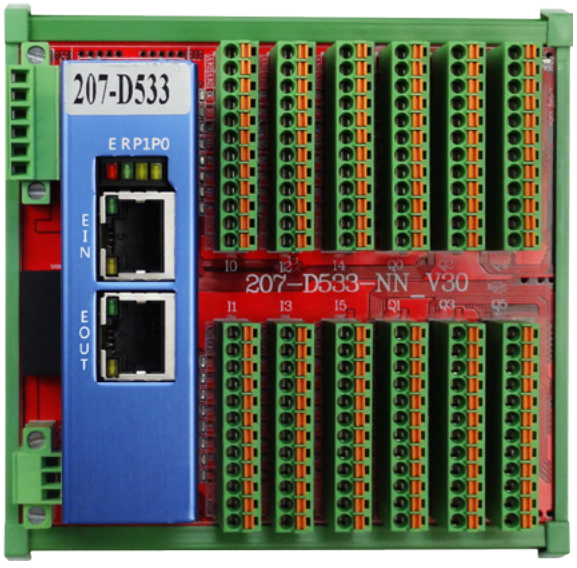
# 207-D5xx Series

## EtherCAT® Digital Slave
96-Ch. Digital input / output NPN/PNP type



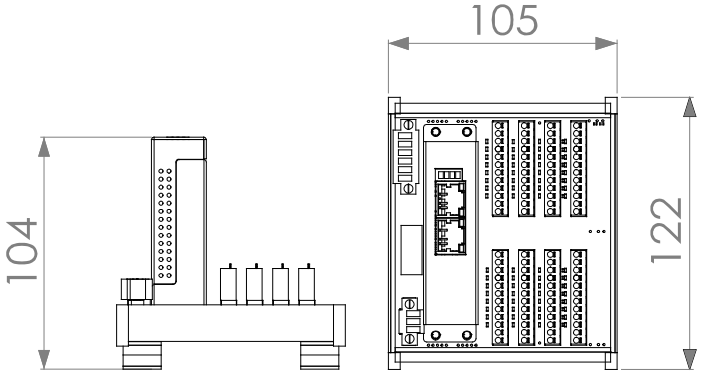

## Features

- 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>Intergral 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