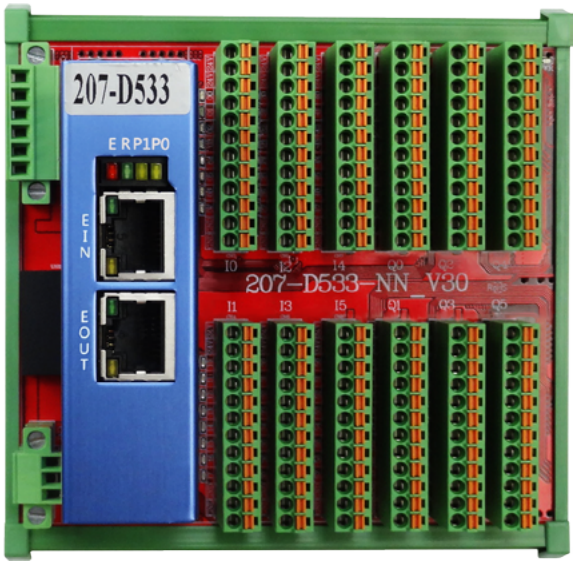
207-D5xx Series

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



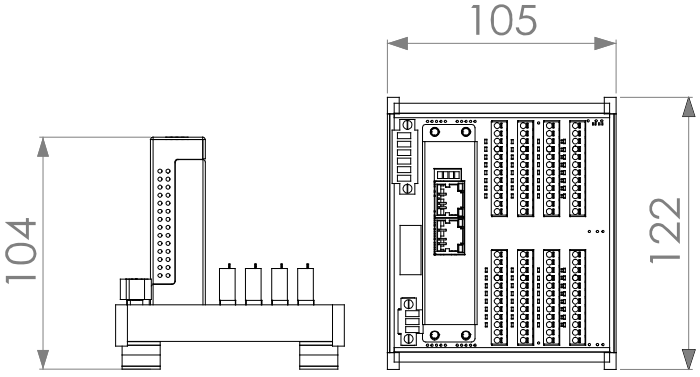
Features

- 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; PNP: MOSFET-P; Intergral suppression on diodes for inductive loads
Switch capacity	Each output Ch. is 100mA at 24VDC
Response time	On to Off, about 50μs; 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