

E5204 RS485 Hub

E Series Intelligent Access Control Devices



E5204 RS-485 Hub enables the RS-485 system to be implemented in a complicated electromagnetic field environment. The device adopts a photoelectric isolation design to ensure safe and reliable data communication. It isolates the devices on the RS-485 network from lightning strike and power surge.

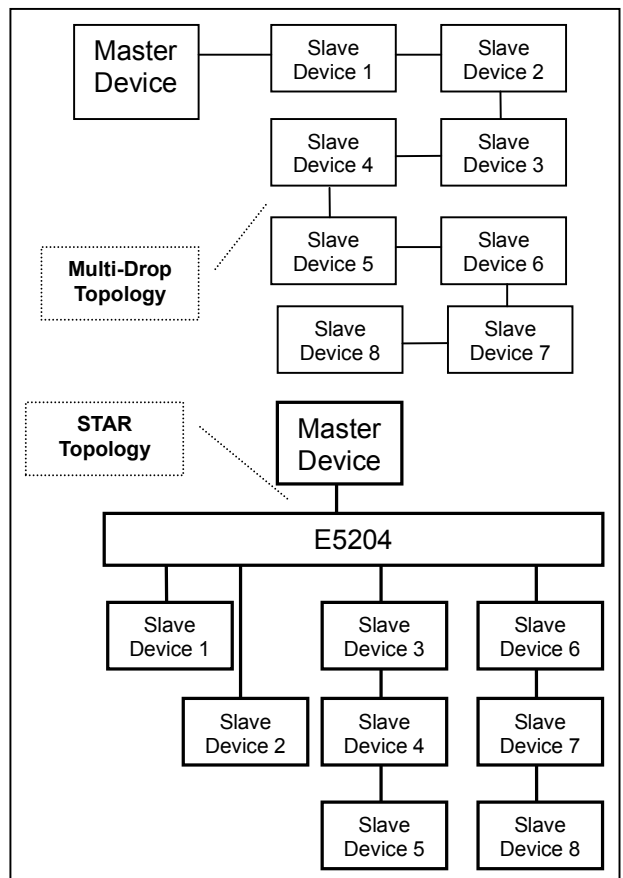
The most important feature of E5204 is it offers a star-topology type of RS-485 network. Compare to the conventional multi-drop single bus topology, the star-topology provides a much more robust and reliable system. Malfunction of any device in the bus will not affect other devices on the same bus. Each port of E5204 equipped with short /open circuit protection and 3500V photoelectric isolation. When lightning strikes or device malfunctions, the troubled sub-bus will be isolated to ensure the normal function of others.

Specifications

Description	Specifications / Functions
Power Consumption	9V DC <500mA Regulated DC recommended
Indicator	7 LEDs to show different working status
Communication Interface	RS485 in Star Topology One to Four Slave Ports
Communication mode	Asynchronous half-duplex
Isolation	3500VRMS 500VDC sequence
Protection	RS485: 600W lightning strike and surge protection
Transmission distance	0-2 KM (300-57600bps)
Dimension	140mm x 130mm x 30mm

Features

- ❑ Work with all RS485 devices
- ❑ Compact size for easy installation
- ❑ Allows a single RS485 network to work in different sub-network or sub-bus
- ❑ Separate and independent protection for different sub-bus
- ❑ Easy to diagnose malfunctioned bus or devices
- ❑ Built-in lightning and power surge protection
- ❑ Simplify wiring method by using STAR-Topology and hence enhance system robustness



For further information, please contact: