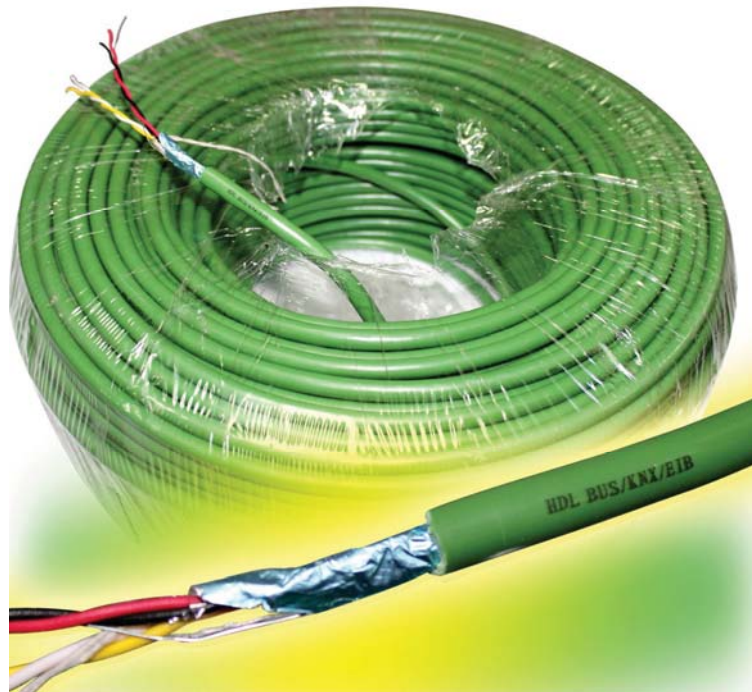


HDL

Datasheet Manual

4 Core Shield Cable
HDL-BUS/KNX/EIB



Summarize

HDL-BUS & KNX/EIB 4 core shield cable is the specific cable for HDL devices which use aluminum foil twisted pair. As HDL - BUS and KNX/EIB cable, it is very convenient for wiring connection.

Features

- 4 core shield cable: red, black, white, yellow
- Strong signal transmission capability
- Strong anti-jamming capability

Environment conditions

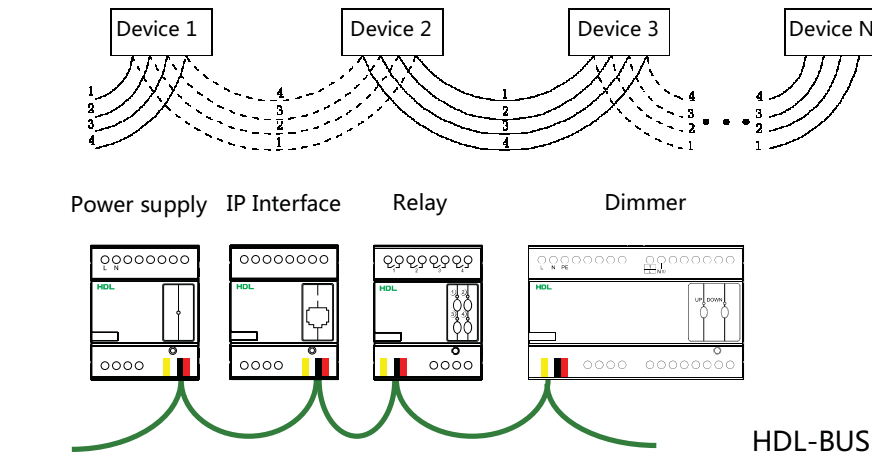
- Working Temperature : -20℃~85℃
- Working Relative Humidity : 10%~98%
- Storage Temperature : -40℃~+100℃
- Storage Relative Humidity : 10%~98%

Parameter

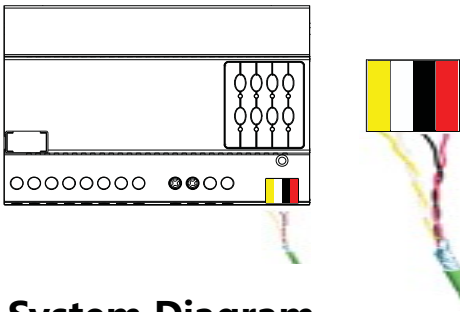
- Cable Description: 4 core, Aluminum foil shield , ground line
- Copper Wire Diameter: 0.75~0.85mm
- Cable Diameter: 7.0~8.0mm
- Conductor Resistance(20℃): <35 ohm/km
- Insulation Resistance(70℃): >5X10⁶ohm/km
- Impedance: 120 ohm
- Cable withstand Voltage: AC 300V
- Twisted Pair: 2 Twisted pair (red and black, white and yellow)
- Twisted No. : 40/m

HDL-BUS System Diagram

Recom-



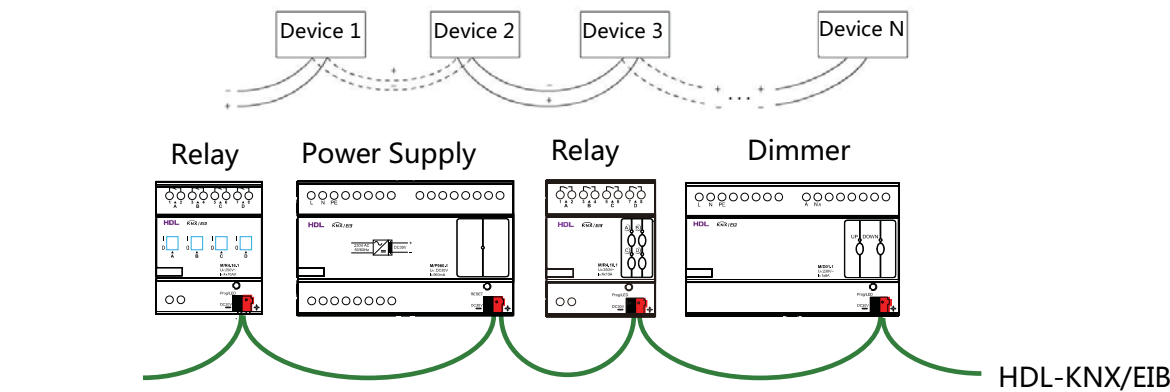
HDL-BUS Wiring Diagram



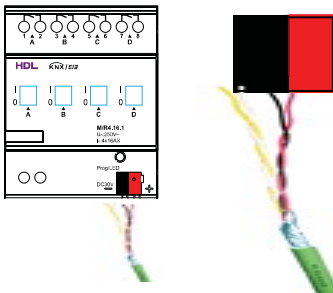
Red	DC24V
Black	COM
White	DATA-
Yellow	DATA+

KNX/EIB System Diagram

Recommended connection: hand in hand or star connection



KNX/EIB Wiring Diagram:



Red	Positive
Black	Negative
White	N/A
Yellow	N/A