HDL®

HDL-MCL04(08/12/16)P.40
HDL FastFix Cable

buspro

Datasheet

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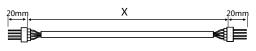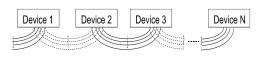Figure 1. HDL FastFix Cable

Figure 2. Dimensions - Front View

Recommended connection: hand in hand

| Device 1 | Device 2 | Device 3 | Device N |

Power supply   IP Interface   Relay   Dimmer

HDL Buspro

HDL Buspro System Diagram

Figure 3. System diagram

Overview

HDL FastFix Cable (See Figure 1) is an HDL Buspro system connector in 4 specifications: MCL04P.40, MCL08P.40, MCL12P.40, and MP16P.40. Skip wire stripping and crimping with it so that your installation time will be reduced, and the distribution box will be cleaner, tidier, and easier to use.

Functions

- 4 core shielded cable: red, black, white, yellow.
- Strong signal transmission capability.
- Strong anti-jamming capability.
- Convenient for wiring connection.

Important Notes

- Buspro connection - Series connection (hand-in-hand recommended)
- Check the connection, ensure the connection is correct.

Product Information

Dimensions - See Figure 2

System diagram - See Figure 3

HDL FastFix cable	X (mm)
HDL-MCL04P.40	138
HDL-MCL08P.40	206
HDL-MCL12P.40	286
HDL-MCL16P.40	350

Safety Precautions ⚠️ WARNING

- The installation and commissioning of the device must be carried out by HDL or the organization designated by HDL. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- HDL does not take responsibility for all the consequences caused by installation and wire connection that are not in accordance with this document.
- Please do not privately disassemble the device or change components, otherwise it may cause mechanical failure, electric shock, fire or body injury.
- Please resort to our customer service department or designated agencies for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

Package Contents

HDL FastFix Cable*1 / Datasheet*1

Technical Data

Basic Parameters

Model No.	HDL-MCL04P.40 HDL-MCL08P.40 HDL-MCL12P.40 HDL-MCL16P.40
Cable description	4 core, aluminum foil shield, ground line
Copper wire diameter	0.6~0.8mm
Cable diameter	7.0~8.0mm
Conductor resistance (20℃)	<35 Ohm/km
Insulation resistance (70℃)	>5X10^{6}Ohm/km
Impedance	120 Ohm
Cable withstand voltage	300V AC
Twisted pair	2 Twisted pair (red and black, white and yellow)
Twisted No.	40/m

External Environment

Working temperature	-5℃~45℃
Working relative humidity	≤90%
Storage temperature	-20℃~60℃
Storage relative humidity	≤93%

Specifications

Overall length	HDL-MCL04P.40: 178mm HDL-MCL08P.40: 246mm HDL-MCL12P.40: 326mm HDL-MCL16P.40: 390mm
Material	Copper, plastic
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	×	-	-
Solder	×	o	o	o	-	-

The symbol "-" indicates that the hazardous substance is not contained.

The symbol "o" indicates that the content of the hazardous substances in all the homogeneous materials of the component is below the limit requirement specified in the Standard IEC62321-2015.

The symbol "×" indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in the Standard IEC62321-2015.

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro Cable
DATA+	Yellow
DATA-	White
COM	Black
24V DC	Red