

DHI-HY-1450

Looped Bus Switch Module



- CE certified

System Overview

DHI-HY-1450 Looped Bus Switch Module is indispensable to loop circuit. Characterized by two-wire technology, this module switches the bus communication circuit through the internal microprocessor bus communication circuit.

Functions

Compact Solution

With the assistance of a loop bus switch module and wiring, this system can transition from a radial to a loop circuit without replacing control panel

Convenient wiring

Polarity-free with automatic identification

Simple configuration

Shares the same configuration logic as the radial circuit without any special requirements

Scene

It is suitable for scenarios requiring loop circuit.

Technical Specification

Electrical

Working Voltage	DC16V~ DC28V
Current	Monitoring current: $\leq 3.7\text{mA}$ Operating current: $\leq 3.9\text{mA}$
Indicator	Communication: Red LED flashes once every 6 seconds, and flashes once every 2 seconds when malfunctioned, remains lit after receiving feedback Fault: Yellow LED is constantly off when works normally and remains lit when malfunctioned

Communication Wiring

Wiring	Two-wire
Addressing Method	Electrical encoder
Address Range	1–254
Communication Distance	$\leq 1500\text{ m}$

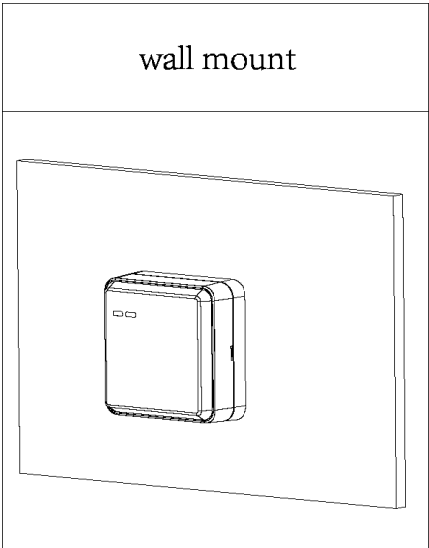
Environment

Operating Temperature	-10°C to $+55^{\circ}\text{C}$ ($+14^{\circ}\text{F}$ to $+131^{\circ}\text{F}$)
Storage Temperature	-20°C to $+65^{\circ}\text{C}$ (-4°F to $+149^{\circ}\text{F}$)
Operating Humidity	$\leq 95\%$ RH (no condensation)

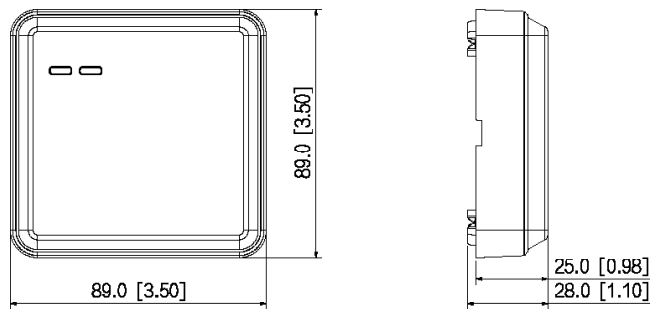
Construction

Color	White
Dimensions (with base)	90 mm $\times$ 90 mm $\times$ 37 mm (3.54" $\times$ 3.54" $\times$ 1.46")
Weight (with base)	118 g (0.26 lb)
Certifications	CE

Installation



Dimensions (mm/inch)



Ordering Information

Type	Model	Description
Looped Bus Switch Module	DHI-HY-1450	Looped Bus Switch Module