Doteck

Doteck M7 Series

Tally fiber optic Transmission System

Feature

(1) Support DB-9 or phoenix terminal port optional

(2) Support peer-to-peer application

(3) Support control of 2-channel tally signal

(4) High-speed synchronous digital transmission technology, super optical dynamic range, no need to adjust when using

(5) No electromagnetic interference, no radio frequency interference, no ground current, to ensure safe transmission in harsh electromagnetic environment

(6) Field installation: simple and convenient, plug and play, no setting

(7) The LED light design is perfect, through the LED light can be convenient to monitor the working state of the equipment

(8) lead-free environmental protection circuit board PCB design

(9) PCB circuit board adopts multi-layer design, stable and reliable circuit, stable and reliable signal transmission

(10) All components, including connectors, are manufactured by internationally renowned manufacturers with reliable quality

(11) Aluminum shell design, beautiful, generous, light weight

(12) Switch power supply design, wide voltage range, power supply system for a long and reliable work

Introduction

Doteck M7 series Tally fiber optic transmission system adopts optical fiber

high-speed transmission technology to transmit multi-channel alarm switching value signals on a single core optical fiber. The modular design allows customers to flexibly choose or customize the configuration according to the specific application conditions, so as to improve the utilization rate of optical cable. It has the advantages of high integration, small size, low power consumption, reliable operation, easy installation and use. It improves the transmission performance of the system, and effectively avoids the influence of lightning strike and electromagnetic interference on communication equipment in harsh environment.

Technical Specifications

Switching quantity parameter	
Channel	2
Signal input	Any active or passive alarm, switch input
Signal output	Any active or passive alarm, switch output
Connector	DB-9, or Phoenix terminal block
Physical	
Dimension(H×W×D, mm) Internal power supply	44×168.5×97.1(mm)
Power supply	130-260VAC, 50/60Hz
Power consumption	<5W
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
LED status indicator	Power, optical link
Fiber optic link	
Fiber type	Single mode
Number of fiber	2
Wavelength	1310nm/1550nm
Distance	0-20km, or 0-40km optional
Connector	FC/PC, SC/PC

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