

KJJ18 Intrinsically Safe Gigabit Network Switch for Coal Mine

Application

KJJ18 intrinsically safe gigabit network switch for coal mine is mainly used for coal mine industrial ring network construction, ring network expansion, network cascading, etc. It can be coupled with the existing mine ring network, and can realize the connection of underground industrial ethernet intrinsically safe terminal equipment, RS485 terminal equipment and other network terminal equipment, and the real-time, reliability and security of data transmission meet industrial-grade requirements.



Features:

- ◎ High-performance Gigabit backbone network switch, suitable for setting up coal mine backbone network
- ◎ The switch conforms to the IEEE802.3 protocol, has an Ethernet optical port, has an Ethernet electrical port, and supports full duplex
- ◎ The switch has RS485 and CAN data interfaces, which meet the relevant requirements of MT/T899
- ◎ The switch supports redundant network structures such as rings
- ◎ The switch has the functions of initialization parameter setting and power failure protection. The initialization parameters can be input and modified through the network or programming interface
- ◎ The switch can be managed by the network and supports SNMP and other management functions
- ◎ The switch has VLAN function
- ◎ The switch has the function of flow control
- ◎ The switch has the function of self-diagnosis and fault indication
- ◎ The switch has the functions of power supply, working status and communication status indication

Technical parameters:

- ◎ Associated power supply: KDW1140/24B
- ◎ Gigabit optical signal interface: 3 (standard 2 optical modules), LC interface, 10km (20km optional)
- ◎ Fast optical signal interface: 16 (standard 8 interfaces), SC interface, 20km
- ◎ Ethernet electrical signal interface: 8
- ◎ Rs485 signal interface: 4
- ◎ CAN signal interface: 2 (optional)
- ◎ Explosion-proof type: mine intrinsically safe type (explosion-proof mark: Exib I Mb)