DS-B83-IO1608
16/8 Alarm box



The DS-B83-IO1608 is a network relay supporting Modbus TCP and MQTT protocols. It features multi-channel input and output control and various linkage methods, suitable for industrial production, agricultural applications, and other scenarios.

- DI supports accessing dry contact, wet contact, and PNP sensor.
- DO supports both DC 24V load and AC 220V load.
- DI supports pulse counting. DO supports manual on/off, linked on/off (delay time can be configured), flashing mode, burst mode, timing mode, and interlock function.
- Supports power supply via PoE.
- Supports both 35mm DIN rail mounting and ear mounting.

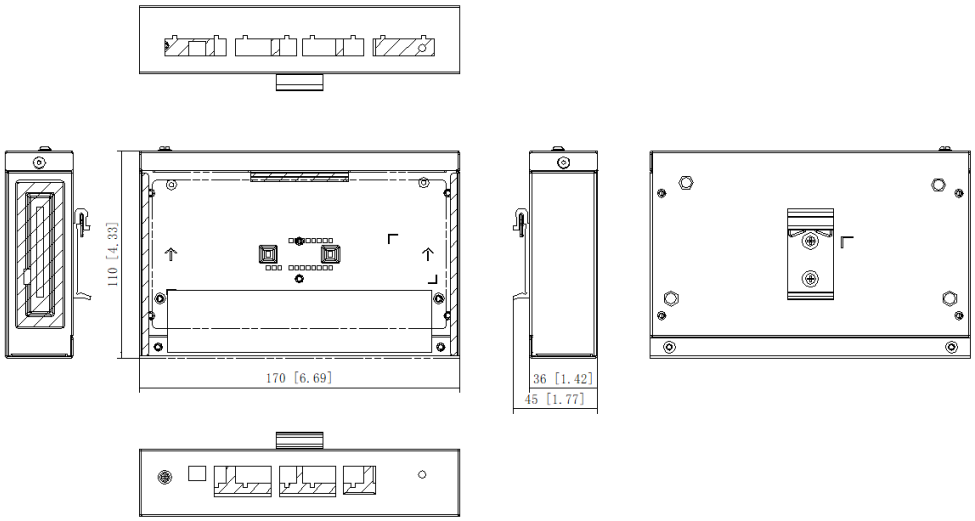
▪ Specification

Network	
Network Interface	RJ45 10Mbps/100Mbps PoE Ethernet port
Network Protocol	Modbus TCP ,MQTT
PoE	
Standard	802.3AF
Auxiliary Interface	
Alarm In/Out	16CH Relay In@24V 0.01A 8CH Relay Out @220V 5A or110V 5A or 24V@5A ，Relay Durability ≥50000
General	
Installation	DIN35 Rail / Mounting Ear
Power Parameter	DC 12~24V@1A or POE
Working Temperature	-30℃ ~+70℃
Working Humidity	10%--90%
Dimension (W × D × H)	170 mm × 110 mm× 36 mm
Others	
Reset Button	Supported. Long press for 10 second to reset the device.
Power Indicator	Light solid on: Device is powered up. Light solid off: Device is powered off or power supply exception occurs.
DO Indicator	Light solid on: DO is closed. Light off: DO is open.
NET Indicator	Light solid on: Network is connected. Light off: Network is disconnected. Light flashing: Network is communicating.

▪ Available Model

DS-B83-IO1608(STD)

▪ Dimension



Unit:mm [inch]

SCALE	1:1

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