5-Port GB Standard Industrial Ethernet Switch

- 1~5 GB RJ45 ports, auto negotiation speed, Full/Half Duplex Mode, and auto MDI/MDI-X connection
- 0~2 GB Full Duplex Fiber ports (SC port default, FC/ST port optional), Maximum 120km distance
- Broadcast storm control
- Metal housing with IP30 protection, EMC industrial level 4 supported
- Wide range voltage (12~48V DC) redundant dual inputs, power consumption less than 7W
- DIN-Rail Mounting and Wall Mounting supported
- Standard Operating Temperature (0℃~70℃), wide Operating Temperature Optional (-40~85℃) to satisfy harsh industrial environment

Product Overview

5-Port GB Industrial Ethernet Switch is a standard industrial Ethernet switch with metal housing supports IP30 protection, and supports EMC industrial level 4, Auto-Negotiation speed, redundant dual inputs with wide range voltage, 1~5 10/100/1000BaseT(X) RJ45 ports and 0~2 1000BaseFX fiber ports combined flexibly, and DIN35 rail or wall mounting for the different industrial circumstances. It provides the reliability and flexibility for your industrial Ethernet solution.

Features

- 802.3/802.3u/802.3x/802.3d, store-and-forward switching
- 1~5 10/100/1000BaseT(X) RJ45 ports, supports Auto-Negotiation speed（10M/100M/1000M）, auto Full/Half Duplex, auto MDI/MDI-X
- 0~2 1000BaseFX Fiber ports, default SC, FC/ST optional, max distance to 120km

- Broadcast storm control
- Metal housing with IP30 protection and EMC industrial level 4
- Wide range power voltage with 12~48V DC inputs, full load power consumption less than 7W

Specifications

Interface

- RJ45 Port: 10/100/1000BaseT（X） auto-negotiation speed, auto Full/Half Duplex, auto MDI/MDI-X
- Fiber Port: 1000BaseFX GB Full Duplex, default SC port, FC/ST optional, max distance to 120km
- Power Input: dual power inputs (Common ground)

Power Requirements

- Wide range voltage (12~48V DC) dual redundant inputs, typical 12V/24V/48V
- Full load power consumption less than 7W
- Overload-current protection

Physical Characteristics

- Dimensions (L x W x H): 116mmx89mmx53mm
- Weight: 600 g
- Housing: Metal, IP30 protection
- Installation: Wall mounting or DIN rail mounting

Environment Limits

- Work Temp.: 0℃~70℃, wide range -40~85℃ optional
- Storage Temp.: -40℃~85℃
- Relative Humidity: 10%~95% (non-condensing)
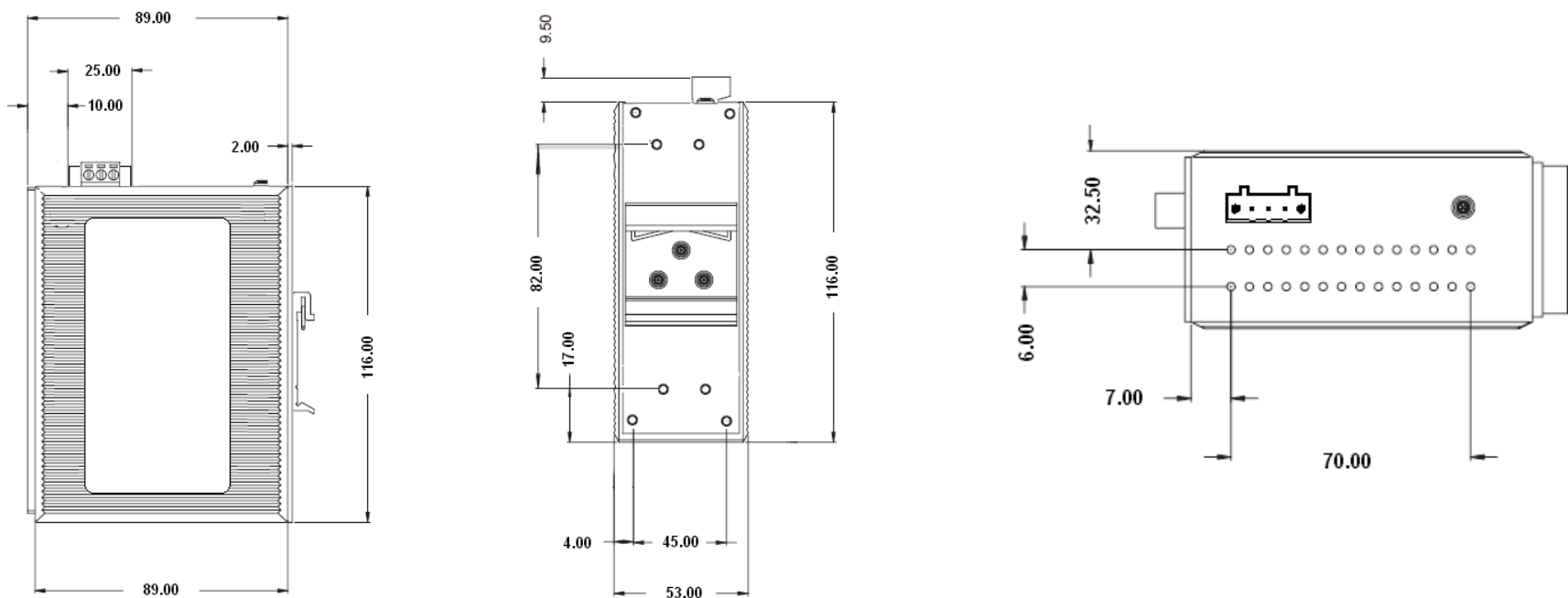
Warranty

- Warranty Period: 5 years

Standards and Certifications

- IEC61000-4-2(ESD): + 8KV touch, + 15KV atmosphere
- IEC61000-4-3(RS): 10V/m (80-1000MHZ)
- IEC61000-4-4(EFT): power cable + 4KV, data cable + 2KV
- IEC61000-4-5(Surge): power cable + 4KV CM/+ 2KV DM, data cable: + 2KV
- IEC61000-4-6(CS): 3V (10KHZ-150KHZ), 10V (150KHZ-80MHZ)

- IEC61000-4-8(MS): 100A/M COUNT 1000A/M, 1S TO 3S
- IEC61000-4-12/18(HFRD): 2.5KV CM, 1KV DM
- IEC61000-4-10(DP): 30A/M
- IEC61000-4-16(CM): 30V COUNT 300V, 1S
- IEC61000-6-2, IEC61850-3, IEEE1613
- EN50121-4

Dimensions

Models

Model	Specs
CK3050	5 RJ45 ports, GB standard industrial Ethernet switch, wide temperature optional
CK3051	5 RJ45 + 1 Fiber ports, GB standard industrial Ethernet switch, wide temperature optional
CK3042	4 RJ45 + 2 Fiber ports, GB standard industrial Ethernet switch, wide temperature optional
CK3021	2 RJ45 + 1 Fiber ports, GB standard industrial Ethernet switch, wide temperature optional
CK3011	1 RJ45 + 1 Fiber ports, GB standard industrial Ethernet switch, wide temperature optional

Package List

- 5-Port GB Standard Industrial Ethernet Switch with industrial power terminal
- Product Manual
- Product Warranty