

OBU-102 系列

雙通道光纖旁路單元



特色與優點

- 支援 SC/ST/LC 接頭，10/100M、1G 和 10G 乙太網路光纖連線
- 備援雙 12/24/48 VDC 電源輸入
- IP30 金屬外殼
- -20 至 70°C 操作溫度範圍
- 支援 DIN 軌道安裝
- 超低耗電量 0.72 W

認證

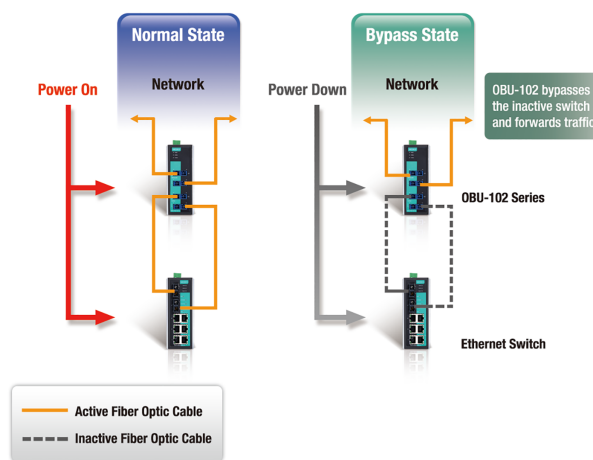


簡介

Moxa 的 OBU-102 光纖旁路單元可為任何網路節點新增旁路中繼功能。在線性拓撲結構中，單一電源中斷或節點故障可能會導致整個網路癱瘓，因為與下游所有網路節點的通訊也會中斷。透過中繼旁路，某個節點發生故障時，該節點將被繞過，網路的其餘部分則不受影響。

旁路繼電器功能

OBU-102 系列位於節點和網路之間，可為任何尚未支援此重要功能的網路交換器新增旁路繼電器功能。在正常運作中，OBU-102 系列充當閘道，轉送進出網路交換器的網路流量。不過，如果斷電，OBU-102 將繞過未通電的交換器，並將網路流量直接傳遞到繼電器中的下一個交換器。



規格

Ethernet Interface

Single-Mode Fiber, SC Female Connector	OBU-102-SS-SC: 4
Single-Mode Fiber, ST Female Connector	OBU-102-SS-ST: 4
Single-Mode Fiber, LC Female Connector	OBU-102-SS-LC: 4

Bypass Properties

Optical Switching Time	10 ms (max.)
Insertion Loss	1.6 dB (max.)

Rotary Switch Configuration

Boot Delay Interval	10 steps, each step represents a 5 second delay
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Power Parameters

Input Voltage	12/24/48 VDC, Redundant dual inputs
Input Current	0.1 A @ 48 VDC
Reverse Polarity Protection	Supported

Physical Characteristics

Housing	Metal
IP Rating	IP30
Dimensions	53.6 x 135 x 105 mm (2.11 x 5.31 x 4.13 in)
Weight	700 g (1.54 lb)
Installation	DIN-rail mounting, Wall mounting (with optional kit)

Environmental Limits

Operating Temperature	-20 to 70°C (-4 to 158°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

Safety	UL 508
EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m IEC 61000-4-4 EFT: Power: 2 kV IEC 61000-4-5 Surge: Power: 2 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF
Freefall	IEC 60068-2-31
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6

Warranty

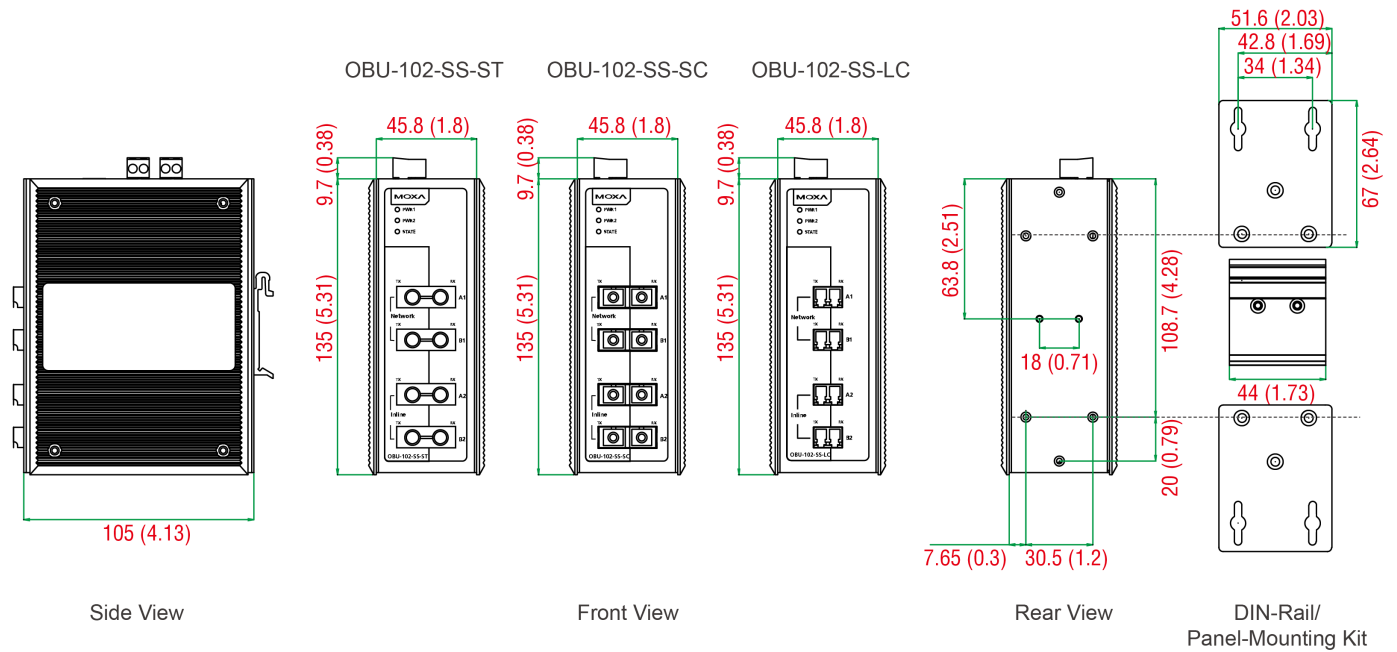
Warranty Period	2 years
Details	See www.moxa.com/tw/warranty

Package Contents

Device	1 x OBU-102 Series optical fiber bypass unit
Documentation	1 x quick installation guide 1 x product certificates of quality inspection, Simplified Chinese 1 x product notice, Simplified Chinese 1 x warranty card

尺寸

單位：公釐（英吋）



訂購資訊

Model Name	Single-Mode Fiber SC Female Connectors	Single-Mode Fiber ST Female Connectors	Single-Mode Fiber LC Female Connectors
OBU-102-SS-SC	4	–	–
OBU-102-SS-ST	–	4	–
OBU-102-SS-LC	–	–	4

配件（選購）

Power Supplies

MDR-40-24	DIN-rail 24 VDC power supply with 40W/1.7A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature
MDR-60-24	DIN-rail 24 VDC power supply with 60W/2.5A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature
HDR-60-24	60 W/2.5 A DIN-rail 24 VDC power supply, universal 85 to 264 VAC or 120 to 370 VDC input voltage, -30 to 70°C operating temperature
NDR-120-24	120 W/5.0 A DIN-rail 24 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature
NDR-120-48	120 W/2.5 A DIN-rail 48 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature
NDR-240-48	240 W/5.0 A DIN-rail 48 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature

Mounting Kits

WK-30	Wall-mounting kit, 2 plates, 4 screws, 30 x 66.8 x 2 mm
WK-46	Wall-mounting kit, 2 plates, 8 screws, 46.5 x 66.8 x 1 mm
RK-4U	19-inch rack-mounting kit

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