

# TRC-190 系列

## 19 吋機架安裝機箱媒體轉換器



### 特色與優點

- 19 吋機架安裝專用機箱
- 19 個適合高密度應用的插槽
- 支援雙電源輸入並提供備援功能
- 無風扇機箱設計可降低維修成本

### 認證



### 簡介

TRC-190 機架安裝機箱提供 19 個插槽，適用於 CSM-200 系列乙太網路轉光纖模組及 TCF-142-RM 系列串列轉光纖模組等媒體轉換器模組。TRC-190 機箱隨附一個 AC 或 DC 電源輸入，並可選配備援電源擴充 AC 或 DC 模組，進一步提升可靠性。PWR-190-AC 與 PWR-190-DC-48 電源模組可以同時安裝。

### 規格

| Power Parameters                       |                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------|
| Input Voltage                          | TRC-190-AC: 110 to 240 VAC<br>TRC-190-DC-48: 48 VDC<br>Redundant dual inputs, Redundant dual inputs |
| No. of Power Inputs                    | 2                                                                                                   |
| Overload Current Protection            | Supported                                                                                           |
| Power Consumption                      | TRC-190-AC: 1.5 A @ 100 to 240 VAC<br>TRC-190-DC-48: 3.2 A @ 36 to 53 VDC                           |
| Physical Characteristics               |                                                                                                     |
| Dimensions                             | 440 x 260 x 88 mm (17.32 x 10.24 x 3.46 in)                                                         |
| Installation                           | 19-inch rack mounting                                                                               |
| IP Rating                              | IP30                                                                                                |
| Weight                                 | 5200 g (11.4 lb)                                                                                    |
| Environmental Limits                   |                                                                                                     |
| Ambient Relative Humidity              | 5 to 95% (non-condensing)                                                                           |
| Operating Temperature                  | 0 to 60°C (32 to 140°F)                                                                             |
| Storage Temperature (package included) | -20 to 75°C (-4 to 167°F)                                                                           |

## Standards and Certifications

|                       |                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC                   | EN 55032/35                                                                                                                                                                                                                                                                    |
| EMI                   | CISPR 32, FCC Part 15B Class A                                                                                                                                                                                                                                                 |
| EMS                   | IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV<br>IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m<br>IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV<br>IEC 61000-4-5 Surge: Power: 2 kV(AC), 1 kV(DC)<br>IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m<br>IEC 61000-4-8 PFMF |
| Environmental Testing | IEC 60068-2-1<br>IEC 60068-2-2<br>IEC 60068-2-3                                                                                                                                                                                                                                |
| Safety                | IEC 62368-1, UL 62368-1                                                                                                                                                                                                                                                        |
| Vibration             | IEC 60068-2-6                                                                                                                                                                                                                                                                  |

## MTBF

|           |                          |
|-----------|--------------------------|
| Time      | 1,055,112 hrs            |
| Standards | Telcordia (Bellcore), GB |

## Warranty

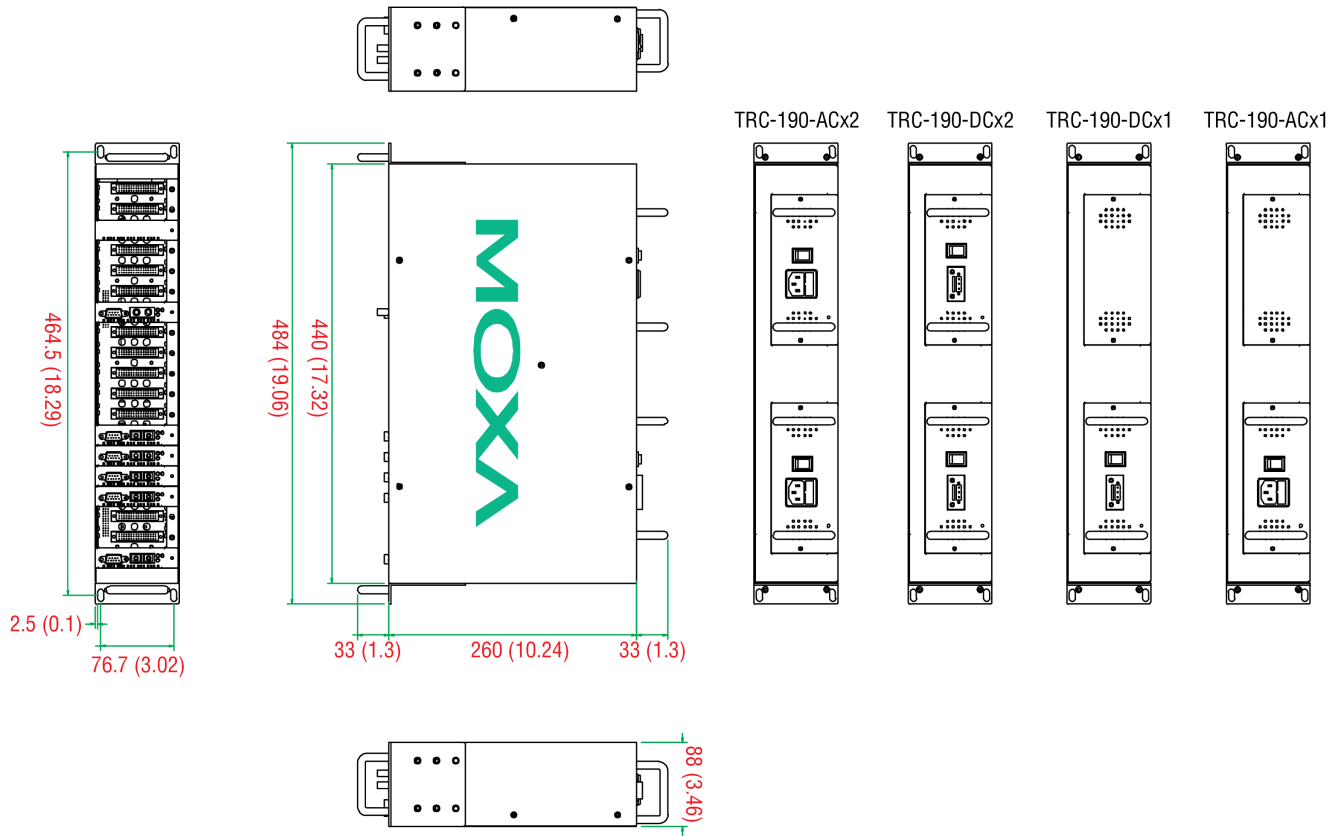
|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| Warranty Period | 5 years                                                                    |
| Details         | See <a href="http://www.moxa.com/tw/warranty">www.moxa.com/tw/warranty</a> |

## Package Contents

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Device        | 1 x TRC-190 Series converter                                            |
| Bracket       | 18 x faceplate and screws                                               |
| Power Supply  | 1 x power cord                                                          |
| Documentation | 1 x quick installation guide<br>1 x warranty card                       |
| Note          | This product requires additional modules (sold separately) to function. |

尺寸

單位：公釐（英吋）



訂購資訊

| Model Name    | Input Voltage          |
|---------------|------------------------|
| TRC-190-AC    | 100-240 VAC (47-63 Hz) |
| TRC-190-DC-48 | 48 VDC                 |

配件（選購）

Brackets

|         |                                                                                                      |
|---------|------------------------------------------------------------------------------------------------------|
| Plate-1 | Chassis converter bracket accessory package, 9 brackets, 9 screws (FMS M3 X 6 mm)                    |
| BKT-PWR | Chassis converter rackmount kit accessory package, 2 L-shaped metal plates, 8 screws (FMS M4 x 6 mm) |

Communication Modules

|                 |                                                                                       |
|-----------------|---------------------------------------------------------------------------------------|
| TCF-142-M-SC-RM | RS-232/422/485 to multi-mode fiber slide-in module converter, SC connector            |
| TCF-142-M-ST-RM | RS-232/422/485 to multi-mode fiber slide-in module converter, ST connector            |
| TCF-142-S-SC-RM | RS-232/422/485 to single-mode fiber slide-in module converter, SC connector           |
| TCF-142-S-ST-RM | RS-232/422/485 to single-mode fiber slide-in module converter, ST connector           |
| CSM-G200-1221   | 10/100/1000BaseT(X)-to-100/1000BaseSFP slide-in media converter module                |
| CSM-200-1213    | 10/100BaseT(X) to 100BaseFX slide-in module media converter, multi-mode ST connector  |
| CSM-200-1214    | 10/100BaseT(X) to 100BaseFX slide-in module media converter, multi-mode SC connector  |
| CSM-200-1218    | 10/100BaseT(X) to 100BaseFX slide-in module media converter, single-mode SC connector |

Power Cords

|                  |                                               |
|------------------|-----------------------------------------------|
| PWC-C13AU-3B-183 | Power cord with AU plug, 1.83 m               |
| PWC-C13CN-3B-183 | Power cord with three-prong CN plug, 1.83 m   |
| PWC-C13EU-3B-183 | Power cord with EU plug, 1.83 m               |
| PWC-C13JP-3B-183 | Power cord with JP plug plug, 7A/125V, 1.83 m |
| PWC-C13UK-3B-183 | Power cord with UK plug, 1.83 m               |
| PWC-C13US-3B-183 | Power cord with US plug, 1.83 m               |

#### Power Supplies

|               |                                                         |
|---------------|---------------------------------------------------------|
| PWR-190-AC    | 110 to 240 VAC power supply for the TRC-190-AC          |
| PWR-190-DC-48 | 36 to 53 VDC power supply for the TRC-190-DC-48         |
| ME-10-T       | 1-slot chassis with redundant 12 to 48 VDC power inputs |

© Moxa Inc. 版權所有.2022 年 7 月 28 日更新。

未經 Moxa Inc. 明確書面許可，不得以任何方式複製或使用本文件及其任何部分。產品規格如有變更，恕不另行通知。請至本公司官網了解最新的產品資訊。