DA-682C-Ethernet Series Expansion Modules

Ethernet expansion modules for DA-682C Series computers

Features and Benefits

- 4-port Gigabit LAN module
- 2-port Giga LAN PRP/HSR module
- IEC 62439-3 Clause 4 (PRP) and Clause 5 (HSR) compliant
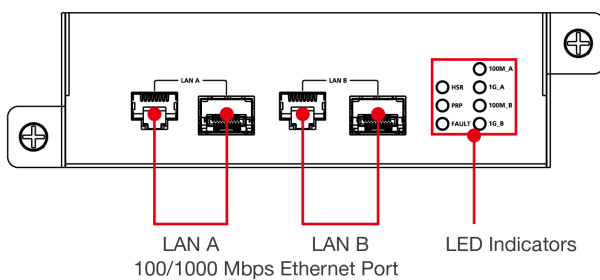
Certifications

FC CE

Introduction

DA-682C-Ethernet Series peripheral expansion modules include a 4-port Giga LAN module, a 4-port 100M/1000M Fiber module, and a PRP/HSR module for setting up industrial communication applications with Ethernet-based devices. All modules are designed to offer the greatest flexibility for setting up applications and performing industrial tasks.

The DN-PRP-HSR-I210 expansion module is compliant with IEC 62439-3 Clause 4 (PRP) and IEC 62439-3 Clause 5 (HSR) to ensure the highest system availability and data integrity for mission-critical applications that require redundancy and zero-time recovery. With its dual Gigabit Ethernet port design, the DN-PRP-HSR-I210 module provides high performance for redundant network systems.
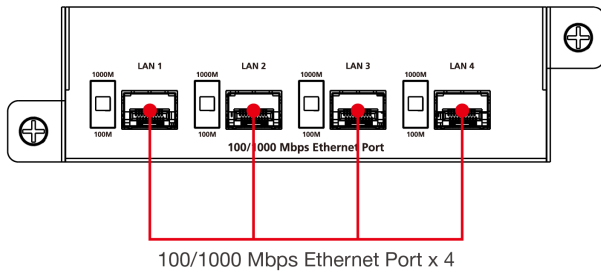
Appearance

DN-PRP-HSR-I210

LAN A   LAN B   LED Indicators
100/1000 Mbps Ethernet Port

DN-LN04-RJ

10/100/1000 Mbps Ethernet Port x 4

DN-FX04
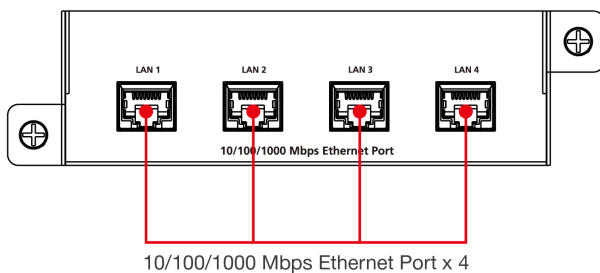
100/1000 Mbps Ethernet Port x 4

Specifications

Ethernet Interface

100/1000BaseSFP Ports	DN-FX04: 4
10/100/1000BaseT(X) Ports (RJ45 connector)	DN-LN04-RJ: 4
10/100/1000BaseT(X) Ports PRP/HSR Ports	DN-PRP-HSR-I210: 2
Magnetic Isolation Protection	1.5 kV (built-in)

Declaration

Green Product	RoHS, CRoHS, WEEE

Physical Characteristics

Dimensions	166 x 43 x 183 mm (6.54 x 1.69 x 7.20 in)

MTBF

Time	DN-PRP-HSR-I210: 1,743,211 hrs DN-FX04: 1,721,867 hrs DN-LN04-RJ: 1,943,353 hrs
Standards	Telcordia (Bellcore), GB

Warranty

Warranty Period	3 years
Details	See www.moxa.com/warranty

Package Contents

Device	1 x DA-682C-Ethernet Series expansion module
Documentation	1 x warranty card

MOXA
Reliable Networks ▲ Sincere Service

Dimensions

DN-LN04-RJ

Unit: mm (inch)

166 (6.54)
151.6 (5.97)
176.83 (6.96)
183.4 (7.22)
43 (1.69)

10/100/1000 Mbps Ethernet Port

DN-FX04

Unit: mm (inch)

166 (6.54)
136 (5.35)
176.83 (6.96)
183.4 (7.22)
11 (0.43)
43 (1.69)

100/1000 Mbps Ethernet Port
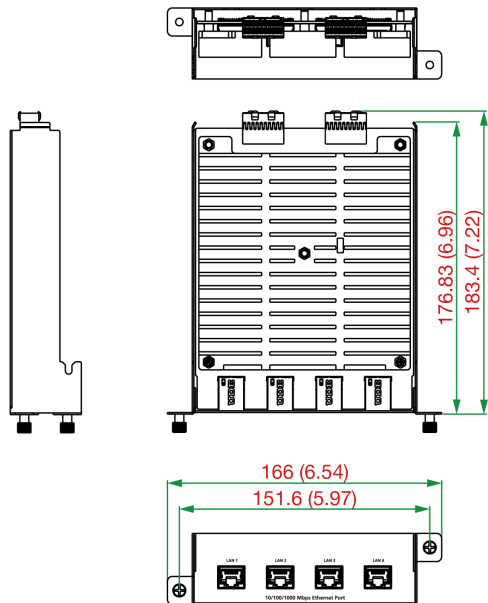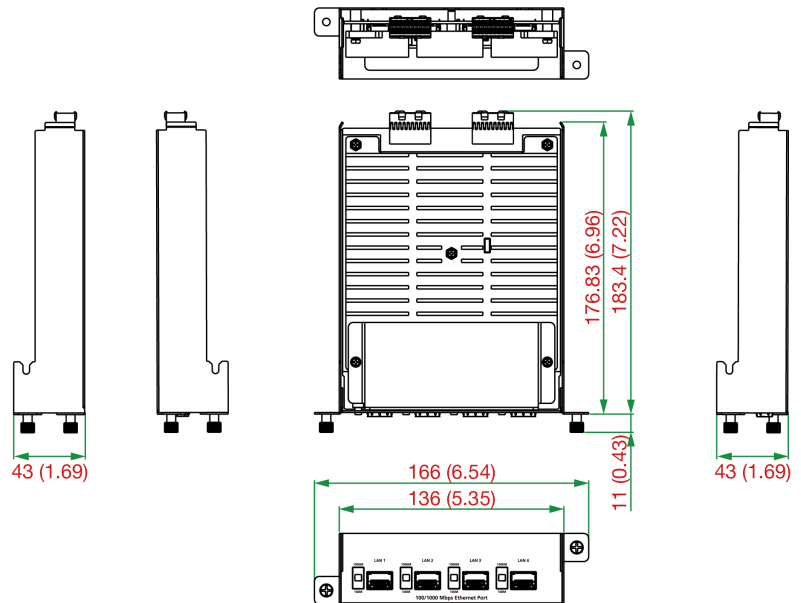
DN-PRP-HSR-I210

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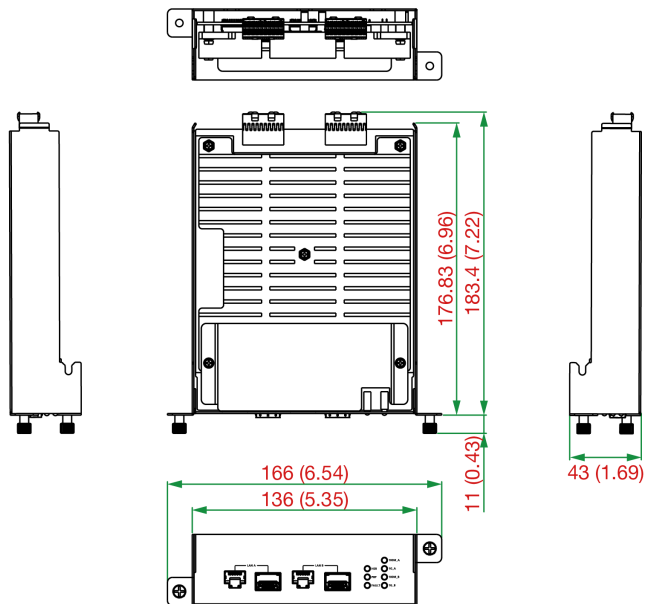
Ordering Information

Model Name	Description
DN-PRP-HSR-I210	PRP/HSR expansion module with a RJ45 and SFP combo port
DN-LN04-RJ	4-port 10/100/1000 Mbps PCIe LAN module with RJ45 connectors
DN-FX04	4-port 100M/1000M SFP Ethernet module