Wiring Kits

Wiring kits for Moxa products

Features and Benefits

- RJ45-to-DB9 adapter
- Easy-to-wire screw-type terminals

Introduction

Wiring kits with screw-type terminals are designed for use in industrial environments. In particular, the RJ45-to-DB9 adapter model make it easy to convert a DB9 connector to an RJ45 connector.

Pin Assignments

Mini DB9F-to-TB

DB9-F	TB
1	2
2	1
3	3
4	4
5	5

ADP-RJ458P-DB9M

DB9-M	RJ45
1	6
2	5
3	4
4	8
5	3
6	1
7	2
8	7

ADP-RJ458P-DB9F

DB9-F	RJ45
1	6
2	4
3	5
4	1
5	3
6	8
7	7
8	2

A-ADP-RJ458P-DB9F-ABC01

DB9	RJ45
1	6
2	5
3	4
4	8
5	3
6	1
7	2
8	7

Specifications

Physical Characteristics

Description	TB-M9: DB9 (male) DIN-rail wiring terminal ADP-RJ458P-DB9M: RJ45 to DB9 (male) adapter Mini DB9F-to-TB: DB9 (female) to terminal block adapter TB-F9: DB9 (female) DIN-rail wiring terminal A-ADP-RJ458P-DB9F-ABC01: RJ45 to DB9 (female) adapter TB-M25: DB25 (male) DIN-rail wiring terminal ADP-RJ458P-DB9F: RJ45 to DB9 (female) adapter TB-F25: DB9 (female) DIN-rail wiring terminal
Wiring	Serial cable, 24 to 12 AWG

Power Parameters

Input Voltage	< 25 VDC for serial data transmission

Input/Output Interface

Connector	ADP-RJ458P-DB9F: DB9 (female) TB-M25: DB25 (male) A-ADP-RJ458P-DB9F-ABC01: DB9 (female) ADP-RJ458P-DB9M: DB9 (male) TB-F9: DB9 (female) TB-M9: DB9 (male) Mini DB9F-to-TB: DB9 (female) TB-F25: DB25 (female)

Environmental Limits

Operating Temperature	TB-M9, TB-F9, TB-M25, TB-F25: -40 to 105°C (-40 to 221°F) Mini DB9F-to-TB, A-ADP-RJ458P-DB9-ABC01: 0 to 70°C (32 to 158°F) ADP-RJ458P-DB9M, ADP-RJ458P-DB9F: -15 to 70°C (5 to 158°F)

Package Contents

Device	1 x wiring kit

Ordering Information

Model Name	Description	Connector
TB-M9	DB9 male DIN-rail wiring terminal	DB9 (male)
TB-F9	DB9 female DIN-rail wiring terminal	DB9 (female)
TB-M25	DB25 male DIN-rail wiring terminal	DB25 (male)
TB-F25	DB25 female DIN-rail wiring terminal	DB25 (female)
Mini DB9F-to-TB	DB9 female to terminal block connector	DB9 (female)
ADP-RJ458P-DB9M	RJ45 to DB9 male connector	DB9 (male)
ADP-RJ458P-DB9F	DB9 female to RJ45 connector	DB9 (female)
A-ADP-RJ458P-DB9F-ABC01	DB9 female to RJ45 connector for the ABC-01 Series	DB9 (female)

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