TWDLMDA20DRT

Schneider Electric / Twido Modular Base Controller

Schneider Electric TWDLMDA20DRT is an extendable Twido modular base controller with a 24 V DC supply, twelve discrete inputs and eight mixed relay/transistor outputs. It integrates field signals and logic in an existing Twido control installation.

Overview

The controller provides twelve 24 V DC discrete inputs for field contacts and eight discrete outputs, comprising six relay and two transistor points. The mixed output construction matters when replacing a base: relay loads and transistor-driven circuits must retain their original wiring and ratings.

Expansion I/O and the installed application program define the complete machine function. Record the populated expansion modules, terminal assignments, communication arrangement and Twido program before replacement; the base controller alone does not define every field point.

Technical specification matrix

Controller series	Twido modular
Primary supply	24 V DC
Discrete inputs	12, 24 V DC
Discrete outputs	8 total: 6 relay and 2 transistor
Discrete I/O total	20
Published power	19 W
Published resolution	9 bits
Manufacturer status	Discontinued
Expansion role	Extendable modular base

Applications and system fit

Existing Twido control panels

Maintain an installed Twido machine-control panel that specifies this exact 20-point modular base.

Mixed-output machine sequences

Keep relay-switched loads and transistor output circuits assigned to their correct output types.

Expansion I/O installations

Review fitted Twido expansion modules and their bus arrangement as part of the complete controller configuration.

M221 migration projects

Use the Schneider replacement guidance as a starting point for a redesigned I/O and software migration, subject to engineering approval.

Product precautions

Record the installed program

Back up the Twido application, parameters and communication settings before removing the base.

Separate output technologies

Identify all six relay and two transistor load circuits before reconnecting field wiring.

Verify DC supply

Confirm polarity, protective devices and available 24 V DC capacity at the controller terminals.

Map expansion hardware

Document each expansion module, order and bus connection against the original design.

Source and application boundary

Schneider Electric TWDLMDA20DRT product page, Twido modular-base user guide 35011387, and Schneider replacement FAQ FA305178.

The 24 V DC supply and I/O count apply to TWDLMDA20DRT. Replacement-controller combinations are migration candidates, not drop-in electrical or software equivalents.

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Send the complete model and installed-system details when requesting a quotation.