

RWD44U

Product Data Sheet

RWD44U

Universal Heat Pump Temperature Controller

SUPPLY VOLTAGE	SUPPLY FREQUENCY	POWER CONSUMPTION	UNIVERSAL INPUTS
24 V AC $\pm 20\%$	50/60 Hz	4.5 VA	2, Ni1000, Pt1000 or 0 to 10 V DC

Siemens RWD44U is a universal heat pump temperature controller in the RWD44U range. It provides the documented function for a compatible industrial automation or building-control configuration.

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VERIFIED TECHNICAL DATA

Supply voltage	24 V AC $\pm 20\%$
Supply frequency	50/60 Hz
Power consumption	4.5 VA
Universal inputs	2, Ni1000, Pt1000 or 0 to 10 V DC
Digital input polling	15 V DC, below 10 mA
Relay outputs	4 potential-free contacts
Relay maximum rating	5 A resistive at 24 to 240 V
Operating temperature	0 to 50 °C
Setpoint delay range	0 to 4096 s
Display	4-digit LCD

ADDITIONAL PRODUCT DATA

Naked product size	11.1 x 13 x 5.65 cm
Naked product weight	0.300 kg

DOCUMENTED USE SETTINGS

Commercial and Institutional Building Operations and Lifecycle Support: Indoor environmental quality management across established industrial sectors.

Electricity Production and Energy Services and Process Coordination: Thermal and renewable electricity production within controlled production environments.

Continuous Process and Batch Production and Operational Continuity: Continuous production and material transformation for monitored service operations.

SYSTEM COMPATIBILITY

Integrate RWD44U only in the documented RWD44U arrangement. Match the supply, interface and connector allocation to the accepted engineering record.

PRODUCT EVIDENCE

Siemens technical documentation for RWD44U