

RIVO MULTITRADE OPTICAL SYSTEMS

Time-controlled landscape power distribution box



Overview

ASHATA Outdoor Water Proof Distribution Box, Outdoor Circuit AUTOMATIC TIMING CONTROL: Outdoor water proof distribution box through the built in time contr.

Key Takeaways

A time-controlled landscape power distribution box is an outdoor, weatherproof electrical panel that automatically manages power to lighting, irrigation, and other outdoor equipment based on preset schedules. Key Features

Automatic Timing Control: These boxes include mechanical or electronic timers that allow users to set specific on/off schedules for connected devices, such as garden lights, sprinklers, fountains, or decorative lighting. Advanced models may offer astronomic timers with 7-day scheduling and holiday/exception programming.

Weatherproof and Durable: Designed for outdoor use, these boxes typically have an IP65 rating, protecting against water, dust, and environmental hazards. Materials like corrosion-resistant sheet metal or fiberglass ensure long-term durability in harsh conditions.

Safety and Protection: Integrated circuit breakers, short-circuit protection, and leakage protection prevent electrical accidents and equipment damage. Some models coordinate with SCPDs to ensure the relay does not operate under fault conditions.

Flexible Applications:

- **Public Spaces:** Street lights, park fountains, festival decorations, and square sound systems.

- Gardens and Farmland: Sprinkler irrigation, greenhouse ventilation, livestock farm lighting .
- Business and Industry: Outdoor billboards, neon signs, temporary site lighting .
- Other Outdoor Uses: Electric gates, aquaculture aerators, and monitoring equipment .

Installation and Operation

These boxes can be mounted outdoors near the equipment they control. Users set the timer according to desired schedules, and the box automatically switches power on or off. Some models allow USB schedule transfer and backup for easy programming . For larger or more complex installations, modular or pluggable designs enable flexible expansion and integration with smart building systems .

Product Examples

- ASHATA Outdoor Distribution Box: Offers automatic timing for lighting and irrigation, with short-circuit protection .
- Intermatic ETCB28253PCR Contractor Box: Features astronomic timer, 7-day scheduling, and 60A contactors for outdoor lighting control .
- J&HW IP65 Outdoor Boxes: Weatherproof, corrosion-resistant, and customizable for industrial or event applications .

Summary

A time-controlled landscape power distribution box provides automated, safe, and efficient power management for outdoor electrical systems. By combining timers, weatherproof enclosures, and protective features, these boxes reduce manual operation, enhance energy efficiency, and ensure reliable performance in diverse outdoor environments .

Article Content

ASHATA Outdoor Water Proof Distribution Box, Outdoor Circuit

AUTOMATIC TIMING CONTROL: Outdoor water proof distribution box through the built in time control module (mechanical or

Outdoor Water Proof Distribution Box Time Control Switch ...

[Efficient Time Control] With a built-in time control module, it automates switching times for lighting, sprinkler irrigation, and other

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

