

APT IMM24EC

Analogue Timer

The IMM24EC programmer is designed for easy installation in a standard 86x86 mm UK-type mounting box, allowing you to replace an existing manual switch in just minutes. It's ideal for controlling indoor or outdoor lighting, preheating water heaters, managing access doors or operating coffee machines and more...

With daily programming capabilities and an LED operation indicator, it offers versatile automation. The manual control switch features three modes: automatic, on, and permanent off, ensuring flexibility for various applications. off, ensuring flexibility and ease of use for a variety of applications.



Key Features of the IMM24EC

- **Compact & Versatile:** Space-saving design suited for a variety of installation settings, including standard UK 86x86 mm mounting boxes.
- **Daily Programming:** Designed for daily routines, simplifying control of lighting, water heaters, access doors, and more.
- **User-Friendly Control:** Features a manual switch with three modes: Automatic, ON, and Permanent OFF, ensuring flexible operation.
- **LED Status Indicator:** Integrated LED light provides a clear visual indication of the unit's operational status.
- **Efficient Power Use:** Operates at 230 Vac \pm 10 %, with low power consumption of just 1.3 VA (0.5 W), ideal for energy-saving applications.
- **Robust and Reliable:** Built with durable materials to ensure long-lasting performance across different environments.
- **Wide Wiring Capacity:** Screw terminals accommodating up to 6 mm² wire for secure and flexible connections.
- **Temperature Tolerance:** Operates efficiently within a range of 0 °C to 35 °C, with safe storage between -10 °C and 45 °C.
- **High Standards of Compliance:** IP20 rated, Class II for safety in proper mounting conditions, compliant with EMC, LVD, RoHS standards, and EN 60529, EN 60730-1, and EN 60730-2-7.

Technical Data	IMM24EC
Power Supply	230 Vac ± 10%
Nominal Frequency	50 Hz
Power Consumption	1.3 VA (0.5 W)
Battery Backup	None
Type of Contact	NO
Manual Control	3 Positions (Automatic, ON, OFF)
Switching Capacity	μ 16.1 (4) A / 230 Vac
Operating Accuracy	Synchronized with Line Frequency
Protection Class	Class II
Degree of Protection	IP20
Pollution Degree	2
Action Type	1B, 1R, 1T, 1U
Dial Type	48 pins
Minimum Switching Time	30 min
Rated Impulse Voltage	4 kV
Ball Pressure Test Temperature	85(21.2.5) ; 105 (21.2.6)
Method of Mounting Control	Surface
Connection	Screw Terminals
Wire Cross-Section Range	Max. 6 mm ²
Maximum Torque for the Screws	0.8 Nm
Operating Temperature Range	0 °C to 35 °C
Storage Temperature Range	-10 °C to 45 °C
Net Weight	118 g
Compliance Standards	EN 60730-1, EN 60730-2-7, RoHS compliant

Incandescent	Fluorescent Lighting	Low Voltage Halogen (12 V ac)	Halogen (230 V ac)	Low Consumption Lamps	Downlights	LED
3500 W	1200 VA	2000 VA	3000 W	1000 VA	900 VA	200 VA