ERL®
EST. 1971

**Electro-Replacement Ltd
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Centre, Tolpits Lane, Watford,
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APT IMM24 / IMM24F

Analogue Timer

The IMM24 / IMM24F is an advanced analogue timer, expertly designed for versatile applications. Operating on a 230V AC power supply, this timer is meticulously engineered for daily programming with 30-minute intervals, offering precision and flexibility for various timing needs.

Certified with BEAB approval, it assures compliance with the highest safety and performance standards. Its sleek design allows for effortless surface mounting, seamlessly integrating into a variety of settings. Ideal for both indoor and outdoor use, the IMM24 / IMM24F is a reliable solution for managing lighting systems, heating elements, and other electrical appliances with ease and efficiency.

Key Features of the IMM24 / IMM24F Analogue Timer

- **Compact & Efficient:** Space-saving design ideal for various installation settings.
- **User-Friendly Tappet Control:** Easy fingertip control with 30-minute increment tappets for precise timing adjustments.
- **Secure Time Setting:** Features 48 tappets (pins) ensuring secure and accurate time settings without the risk of loose pins.
- **24-Hour Repeat Cycle:** Designed for daily programming, simplifying routine operations.
- **Surface Mounting Box:** Includes a surface mounting box with two cable clamps for easy installation.
- **Robust & Impact Resistant Housing:** Ensures durability in different environments.
- **Flexible Manual Control:** Features a switch with three positions (Automatic, ON, and Permanent OFF) for versatile operation.

- **Ample Wiring Capacity:** Screw terminals accommodating max. 6 mm² wire, enhancing connectivity options.
- **Indicator Light:** LED operation indicator for visual status checks.
- **Power Specifications:** Operates at 230 Vac ± 10 %, with a power consumption of 1.8 VA (0.8 W).
- **Optimal Operating Temperatures:** Functional within a temperature range of 0 °C to 35 °C, and safe for transportation and storage between -10 °C to 45 °C.
- **BEAB Approved (IMM24 Surface Version):** Certified for safety and performance, assuring quality and compliance.
- **Safety and Compliance:** Class I with Class II features, IP20 protection according to EN 60529, compliant with EMC, LVD, RoHS standards (2014/30/EU, 2014/35/EU, 2011/65/EU) and EN 60730-1, EN 60730-2-7, EN IEC 63000.

Product Support
01923 255344 - Option 2
support@electroreplacement.com

Sales
01923 255344
sales@electroreplacement.com

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Technical Data	IMM24	IMM24F
Power Supply	230 Vac ± 10%	230 Vac ± 10%
Nominal Frequency	50 Hz	50 Hz
Power Consumption	1.8 VA (0.8 W)	1.8 VA (0.8 W)
Power Reserve	Not Available	Not Available
Type of Contact	NO	NO
Manual Control	3 Positions: Automatic/ON/OFF	3 Positions: Automatic/ON/OFF
Switching Capacity	µ 16.1 (4) A / 230 Vac	µ 13 (4) A / 230 Vac
Operating Accuracy	Synchronized with Line Frequency	Synchronized with Line Frequency
Protection Class	Class I with Class II features	Class I with Class II features
Degree of Protection	IP20 according to EN 60529	IP20 according to EN 60529
Pollution Degree	2	2
Action Type	1B,1R,1T,1U	1B,1R,1T,1U
Dial Type	48 Pins	48 Pins
Minimum Switching Time	30 min	30 min
Rated Impulse Voltage	4 kV	4 kV
Ball Pressure Test Temperature	80°C / 100°C	80°C / 100°C
Method of Mounting Control	Surface Mounting	Flush Mounting
Connection	Screw Terminals	Screw Terminals
Wire Cross-Section Range	Max. 6 mm²	Max. 6 mm²
Maximum Torque for the Screws	0.8 Nm	0.8 Nm
Operating Temperature Range	0 ºC to 35 ºC	0 ºC to 35 ºC
Storage Temperature Range	-10 ºC to 45 ºC	-10 ºC to 45 ºC
Net Weight	Not Specified	Not Specified
BEAB Approval	Yes	No
Compliance Standards	EN 60730-1, EN 60730-2-7, EN IEC 63000	EN 60730-1, EN 60730-2-7, EN IEC 63000

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