Your PDF Guides

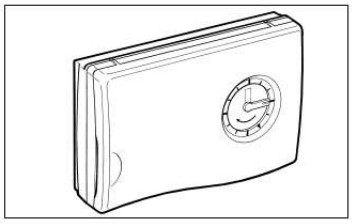
You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL CM37. You'll find the answers to all your questions on the HONEYWELL CM37 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL CM37
User guide HONEYWELL CM37
Operating instructions HONEYWELL CM37
Instructions for use HONEYWELL CM37
Instruction manual HONEYWELL CM37

Honeywell

CM31 & CM37
ANALOGUE CHRONOTHERMS

PRODUCT SPECIFICATION SHEET



The CM31 and CM37 chronotherms are designed to provide automatic time and temperature control of heating systems in the home.

CM31 is a simple to use battery powered analogue clock-thermostat with electronic temperature control and 24 hour programming capability.

CM37 has the same features as CM31 but with the addition of a 7 day clock programme.

Both products meet the requirements of CE.

FEATURES

- Attractive modern styling
- Easy to use programming controls
- Quartz crystal clock with 12 hour clock face, hour and minute hands
- CM31 has 24 hour programme with 96 programming tappets (15 minute steps)
- CM37 has 7 day programme with 168 programming tappets (1 hour steps)
- P+I temperature control
- ± 0.5°C control differential
- Two temperature levels (Comfort and Economy)
- Comfort temperature range 10 to 30°C
- Economy temperature range 5 to 25°C
- Choice of operating modes : Automatic / Comfort / Economy
- Battery powered by 2 AA size (LR6) alkaline cells
- Battery life 1 year (nominal)
- 24...240 V SPDT potential free contacts for wide flexibility of application
- Normally-closed (nc) contact terminal protected by break-off tab to guide installer in 2 wire applications
- 8 A resistive, 3 A inductive switch rating
- Batteries supplied
- Replaceable clock module
  - 24 hour clock, part number R42009899-001
  - 7 day clock, part number R42009899-002

EN0R-8502-R1

You're reading an excerpt. Click here to read official HONEYWELL CM37 user guide
http://yourpdfguides.com/dref/2938252

Manual abstract:

CM37 has the same features as CM31 but with the addition of a 7 day clock programme. Both products meet the requirements of CE. CM31 & CM37 FEATURES · · · · · · · · · · · Attractive modern styling Easy to use programming controls Quartz crystal clock with 12 hour clock face, hour and minute hands CM31 has 24 hour programme with 96 programming tappets (15 minute steps) CM37 has 7 day programme with 168 programming tappets (1 hour steps) P+I temperature control ± 0.5°C control differential Two temperature levels (Comfort and Economy) Comfort temperature range 10 to 30°C Economy temperature range 5 to 25°C Choice of operating modes : Automatic / Comfort / Economy · · · · · · · Battery powered by 2 AA size (LR6) alkaline cells Battery life 1 year (nominal) 24...240 V SPDT potential free contacts for wide flexibility of application Normally-closed (nc) contact terminal protected by break-off tab to guide installer in 2 wire applications 8 A resistive, 3 A inductive switch rating Batteries supplied Replaceable clock module - 24 hour clock, part number R42009899-001 - 7 day clock, part number R42009899-002 EN0R 8502 R1 CM31 & CM37 CHRONOTHERMS SPECIFICATIONS Product : CM31 is a 24-hour analogue clock thermostat CM37 is a 7-day analogue clock thermostat : 2 x 1.5 V IEC LR6 (AA) Alkaline batteries : 12 months minimum : SPDT (potential free) latching relay : 24...

230 V~, 50...60 Hz, 8 A resistive; 3 A inductive @ 0.6 pf 100,000 operations : Quartz crystal clock 12 hour clock face 24-hour programme for CM31 7-day programme for CM37 Clockwise setting only : 1 minute 30 seconds per year clock drift ±1 second /day @ 25°C : CM31 has 96 tappets (15 minute intervals) Minimum programme interval 15 minutes (1 tappet) : CM37 has 168 tappets (1 hour intervals) Minimum programme interval 2 hours (2 tappets) Operating modes Temperature setting : Automatic Manual (Comfort/Economy) setting by slider : Comfort setpoint 10 to 30°C Economy setpoint 5 to 25°C setting by rotary knob Temperature control Control form Control differential : P+I electronic control, with fixed cycle rate of 6 cycles/hour (nominal) : ON/OFF : ±0. 5 °C @ 3 °C /hour, at 20°C, 50% load, 8 A Power supply Battery life Switch type Switch rating Comfort setpoint : ±1.0°C accuracy Minimum ON/OFF period Wiring Dimensions : 2 minutes : up to 2 x 0.75 to 2.5 mm2 wiring connections : 135 x 90 x 29 mm (w x h x d) 135 x 178 x 29 mm (w x h x d) (flap open) : Operating temperature range 0 to 40°C Shipping and storage temperature range -20 to 55°C Humidity range 0 to 90% rh, noncondensing : Meets the requirements of CE. @@@@@@regulations.

@@The installer must be a trained service engineer 2. @@@@It is recommended that a voltage dependent resistor rated at 275 V r.m.s., 23 joules, 775 V clamping voltage (e.g. .

You're reading an excerpt. Click here to read official HONEYWELL CM37 user guide

http://yourpdfguides.com/dref/2938252