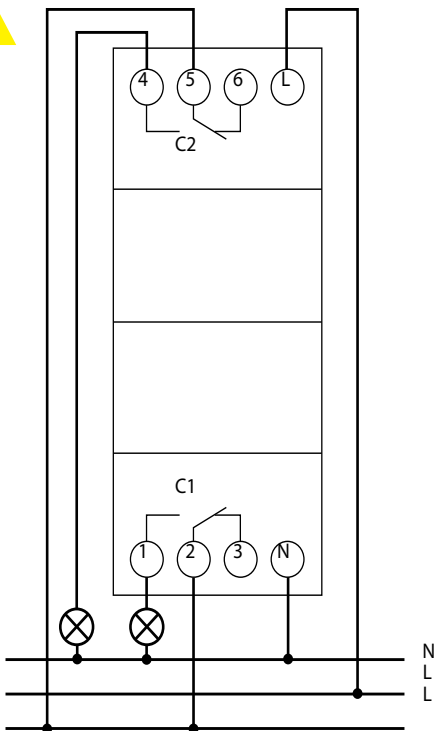




Astronomical Timer with Daily and Weekly Programs

Part numbers: ASTRO2KT3



Operating voltage:	230–240 V AC +10 % / –15 %
Frequency:	50–60 Hz
Power consumption DV1K / DV2K:	max. 0,84/1,13 W
Max switching capacity:	16 A (at 250 V, $\cos \varphi = 1$)
switching capacity:	10 A (at 250 V, $\cos \varphi = 0,6$)
Min. switching capacity:	10 mA/230 V AC 100 mA/ 24 V AC/DC
Switching output:	switching of choice of phase is permitted
GTR DV1K:	suitable for switching SELV (Safe Extra-Low Voltage)
Shortest switching time:	1 min
Protection rating:	IP 20 in accordance with EN 60529
Protection class:	II in accordance with EN 60730-1 subject to designated installation
Operating temperature:	–30 °C ... +55 °C
Power reserve:	10 years at +20 °C
Time accuracy (typical):	$\pm 0,25$ s/day (25 °C)
Rated impulse withstand voltage:	4 kV
Pollution degree:	2
Contact:	Two way switch x 2
Glow lamp load:	2600 W
Halogen lamp load:	2600 W
Fluorescent lamp load: uncorrected:	
Series corrected:	2300 VA
parallel-corrected:	730 VA (80 μ F)
Compact fluorescent tubes (EVG):	170 W
LED lamps (< 2 W):	30 W
LED lamps (> 2 W < 8 W):	100 W
LED lamps (> 8 W):	120 W



Dokument/document Försäkran om överensstämmelse/ Declaration of conformity		Utgåva datum/edition date 2015-05-04
Avdelning/department Kvalitet/Quality		
Ansvarig/prepared Kent Andersson	Version 4	Sida/page 1 av/of 1

Manufacturerer/Tillverkare: GARO AB
Box 203
S-335 25 GNOSJÖ
Sweden

Telephone: +46 (0)370 33 28 00
Telefax: +46 (0)370 33 28 50

Agent established within EC/Ombud etablerad inom EG

Telephone:
Telefax:

Agent of equipment/Materielslag: Electromechanical time switch

Trade Mark/Varumärke: GARO

Type Designation/Typbeteckning: DV1K, DV2K, ASTRO1K, ASTRO2K, DV1K1M, ASTRO1K1M, D1MMEK, D3MMEK, V3MMEK

**We hereby declare that our product fulfils the requirements of following EC directives/
Vi intygar härmed att vår produkt uppfyller krav enligt följande EU direktiv:**

- The Low Voltage Directive (LVD) 2014/35/EU / Lågspänningsdirektivet (LVD) 2014/35/EU.**
- Electromagnetic compatibility (EMC) 2014/30/EU / Elektromagnetisk kompatibilitet (EMC) 2014/30/EU.**
- RoHS Directive (RoHS) 2011/65/EU / RoHS direktivet (RoHS) 2011/65/EU.**
- No electromagnetic compatibility (EMC 2014/30/EU) immunity or emission tests are required on the assembly / Produkten innehåller inte elektroniska apparater som påverkas enligt förbehållen enligt direktivet (EMC) 2014/30/EU.**

**The following harmonised standards (latest edition) or technical specifications which comply with good engineering practice in safety matters in force within the EC have been used in the design:/
Följande harmoniserade standarder (senaste utgåva) eller tekniska specifikationer som uppfyller god säkerhetsteknik praxis inom EG har använts i konstruktionen: EN 60730-1, EN 60730-2-7, EN 50581**

- The equipment confirms completely with the above stated harmonised standards or technical specifications./
Materielen överensstämmer helt med ovan angivna harmoniserade standarder eller tekniska specifikationer.**

Or/eller

- The equipment confirms only partially with the above stated harmonised standards or technical specifications but complies with good practice in safety matters in force within the EC./
Materielen överensstämmer endast delvis med ovan angivna harmoniserade standarder eller tekniska specifikationer, men uppfyller god säkerhetsteknisk praxis inom EG.**

We have product surveillance according to CENELEC's harmonised requirements, documents CCA-201.

GARO AB
Company/Företag

Sign/Underskrift

2017-02-13
Date/Datum

Responsible for Technology and standardization/Teknik och standardiseringsansvarig
Position/Befattning

Kent Andersson
Sign in printed letters/Namnförtydligande