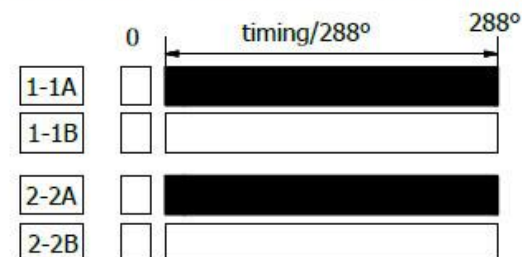


## C20 SWITCH TIMER

### CIRCUIT : ELECTRIC STANDARD CIRCUIT



List of the main parts			
N°	QTY	DESCRIPTION	MATERIAL
1	1	plate	PA FV plastic material
2	1	HOUSE BOX	PA FV VO material
3	1	BACK COVER	PA FV VO material
4	1to2	TERMINAL 6.35x0.8 brass silver plated +blade +contact	Brass & AgNi 90/10
5	1	MAIN SHAFT	Nylon - 6/6 FV
6	1to4	TERMINAL 6.35x0.8 brass silver plated + contact	Brass & AgNi 90/10

### ELECTRICAL SPECIFICATIONS

Resistive switching capacity (inductive) 16A(3) NO

10A(3) NC

Voltage rating 250VAC

Switch for appliance class I & II

Degree of protection IP00

Dielectric Strength 3750 VAC

Tab terminals 6.3x0.8 Brass silver plated

distance between contact  $\geq 3\text{mm}$

Self extinguishability class V0 (UL94)

Proof tracking index PTI250 VAC

Ambient temperature  $-10^{\circ}\text{C}$  to  $125^{\circ}\text{C}$

Number of electrical operations 10.000 cycles

Homologation KEMA- ENEC UL-CSA

Rohs and Reach compliant

### MECHANICAL SPECIFICATIONS

Accuracy of vibrator escapment  $\pm 15\%$

Accuracy of balance wheel escapment  $\pm 5\%$

wind up direction Clockwise

Manual position  $40^{\circ}$  anticlockwise

Minimum timing angle : for all timing lower than the

minimum wind up angle, go over  $25^{\circ}$  and wind back.

Number of mechanical operations 10.000 cycles

Average wind up torque 30 N.cm

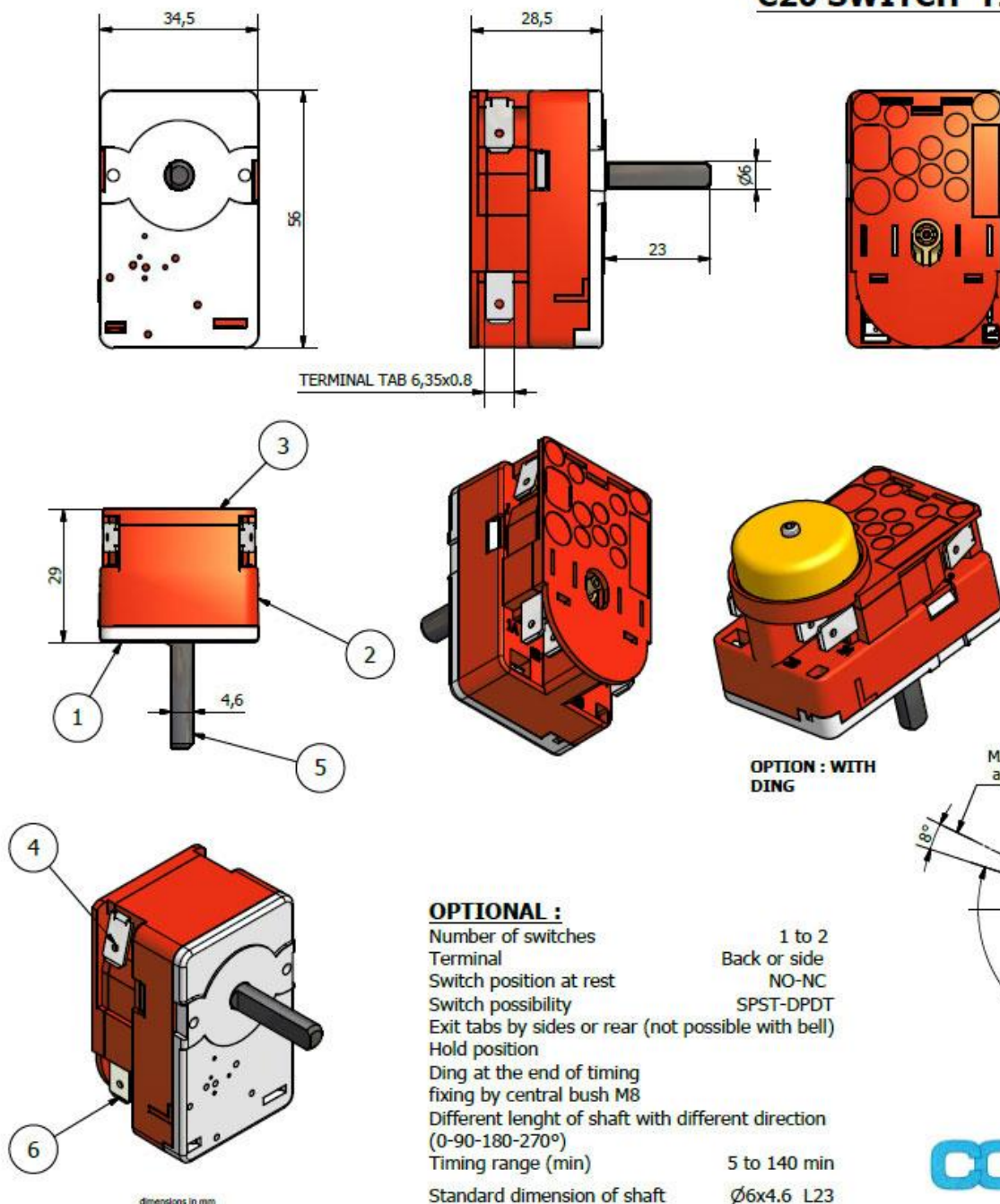
Average wind back torque to OFF 5 to 35 N.cm

Residual operating torque 2 N.cm

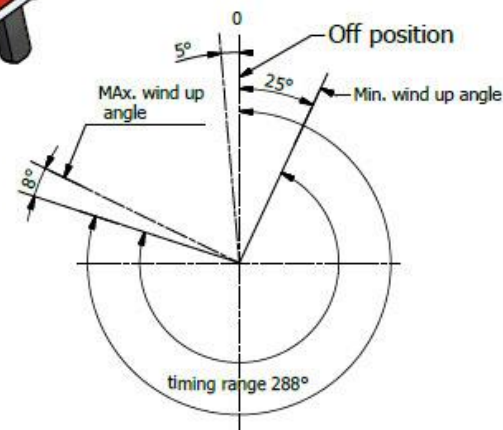
Standard fixing with 2 screws at 28.6mm

maximum penetration depth of mounting screws 9mm

Maximum fixing torque for screws 50 N.cm



### DIAL ROTATION ANGLE



**COUPATAN**

### OPTIONAL :

Number of switches 1 to 2  
Terminal Back or side  
Switch position at rest NO-NC  
Switch possibility SPST-DPDT  
Exit tabs by sides or rear (not possible with bell)  
Hold position  
Ding at the end of timing  
fixing by central bush M8  
Different lenght of shaft with different direction  
(0-90-180-270°)  
Timing range (min) 5 to 140 min  
Standard dimension of shaft  $\varnothing 6 \times 4,6$  L23