

> Timers

> Electromechanical timer




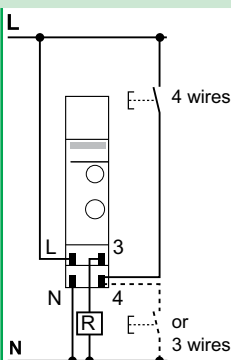
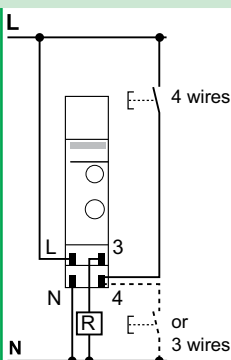
MIN
Adjustable time delay from 1 to 7 min.

> Silent electronic timers

<p>MINs Adjustable time delay from 0.5 to 20 min.</p>	<p>MINp Adjustable time delay from 0.5 to 20 min. with switch-off warning.</p>	<p>MINt Adjustable time delay from 0.5 to 20 min. with switch-off warning and impulse relay function.</p>
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Selection table

	MIN	MINs
Type	Electromechanical timer 	Silent electronic timer
Function	These timers allow closing and then opening of a contact in a determined time Control circuit: connected standard or luminous push-buttons. Timer inoperative via self-protection if consumption above 50 mA maximum	
Wiring diagrams		
Mounting	Two operating modes triggered by switch on front face: <ul style="list-style-type: none"> ■ Automatic mode: <ul style="list-style-type: none"> □ operation in timing mode □ time delay adjustable from 1 to 7 min. □ setting in steps of 15 s using knob □ pressing a push-button renews the time delay ■ Manual override mode: constant lighting 	Two operating modes triggered by switch on front face: <ul style="list-style-type: none"> ■ Timer mode: time delay adjustable from 0.5 to 20 min. ■ Permanent mode: constant lighting
Catalogue numbers	15363	CCT15232
Technical specifications		
Voltage rating (Ue) (+10 %, -15 %)	230 V AC, 50 Hz	230 V AC, 50/60 Hz
Consumption	1 VA	< 6 VA
Output contact current Cos φ = 1	16 A	16 A
Degree of protection	IP20B	IP20B
Operating temperature	-10°C to +50°C	-10°C to +50°C
Width (9 mm modules)	2	2
Consumption of connected luminous push-buttons	50 mA maxi	150 mA maxi
Adjustable time delay	1 to 7 min.	0.5 to 20 min.
Long time delay	–	–
Insulation class	–	Class II
1 screw connection per pole for cables up to 6 mm ²	■	■
Selection of the type of connection (3 or 4 wires)	Selector switch	Automatic
Mechanical compatibility with electrical distribution comb busbar	–	■
Switch-off warning function	–	–
Impulse relay function	–	–

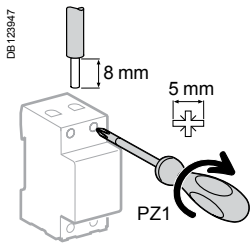
MINp	MINt	Accessory
Silent electronic timer 		Wall mount accessory 
<p>The MINp timer allows closing and then opening of a contact in a determined time, and it also provides warning that the lighting is about to be switched off by flickering of the lamplight (switch-off warning)</p>	<p>The MINt timer is the same as MINp with an "impulse relay" additional function</p>	<p>The MIN timers can be mounted on a wall by using 15359 reference. The protection cover is sealable.</p>
		<p>The 15359 accessory can be also used to mount others 18 mm DIN rail devices (for example: time switches, circuit breakers...).</p>
<ul style="list-style-type: none"> ■ Time delay adjustable from 0.5 to 20 min. ■ Three operating modes triggered by switch on front face: <ul style="list-style-type: none"> □ timer mode with "switch-off warning" function built into the device. The lamp blinks 40 and 30 s before the end of the time delay □ timer mode without "switch-off warning" function □ permanent mode : constant lighting 	<ul style="list-style-type: none"> ■ Timer mode operation: <ul style="list-style-type: none"> □ pressing a push-button for longer than 2 s: lighting will last for 1 h. Pressing again a push-button for less than 2 s relaunch the time delay of 1 h and pressing again a push-button for more than 2 s switches off the light □ pressing a push-button for less than 2 s launch the pre-set time delay, pressing again a push-button for less than 2 s relaunch the pre-set time delay 	<ul style="list-style-type: none"> ■ Timer mode operation: <ul style="list-style-type: none"> □ pressing a push-button for longer than 2 s: lighting will last for 1 h. Pressing again a push-button for less than 2 s relaunch the time delay of 1 h and pressing again a push-button for more than 2 s switches off the light □ pressing a push-button for less than 2 s launch the pre-set time delay, pressing again a push-button for less than 2 s, switches off the light (impulse relay mode)
CCT15233	CCT15234	15359
230 V AC, 50/60 Hz	230 V AC, 50/60 Hz	
< 6 VA	< 6 VA	
16 A	16 A	
IP20B	IP20B	
-25°C to +50°C	-25°C to +50°C	
2	2	See § dimensions
150 mA maxi	150 mA maxi	
0.5 to 20 min.	0.5 to 20 min.	
1 h	1 h	
Class II	Class II	
■ Automatic	■ Automatic	
■	■	
■	■	
-	■	

Load table

Products	MIN	MINs	MINp, MINt
Type of lighting	Maximum power		
230 V incandescent and halogen lamps	2300 W	2300 W	3600 W
LED lamps	Power for one lamp < 2 W	20 W	55 W
	Power for one lamp from 2 to 8 W	90 W	150 W
Non-corrected / serial-corrected / dual mounted fluorescent tubes with conventional ballast	2300 VA	2300 VA	3600 VA ⁽¹⁾
Fluocompact lamps with conventional ballast	2000 VA	1500 VA	1500 VA ⁽¹⁾
Parallel-corrected fluorescent tubes with conventional ballast	1300 VA (70 F)	400 VA (42 µF)	1200 VA (120 µF) ⁽¹⁾
Fluorescent tubes with electronic ballast	300 VA	300 VA	1000 VA
Fluocompact lamps with electronic ballast	9 x 7 W, 6 x 11 W, 5 x 15 W, 5 x 20 W	9 x 7 W, 7 x 11 W, 7 x 15 W, 7 x 20 W, 7 x 23 W	34 x 7 W, 27 x 11 W, 24 x 15 W, 22 x 23 W

⁽¹⁾ The "switch-off warning" function is not available for these types of loads.

Connection

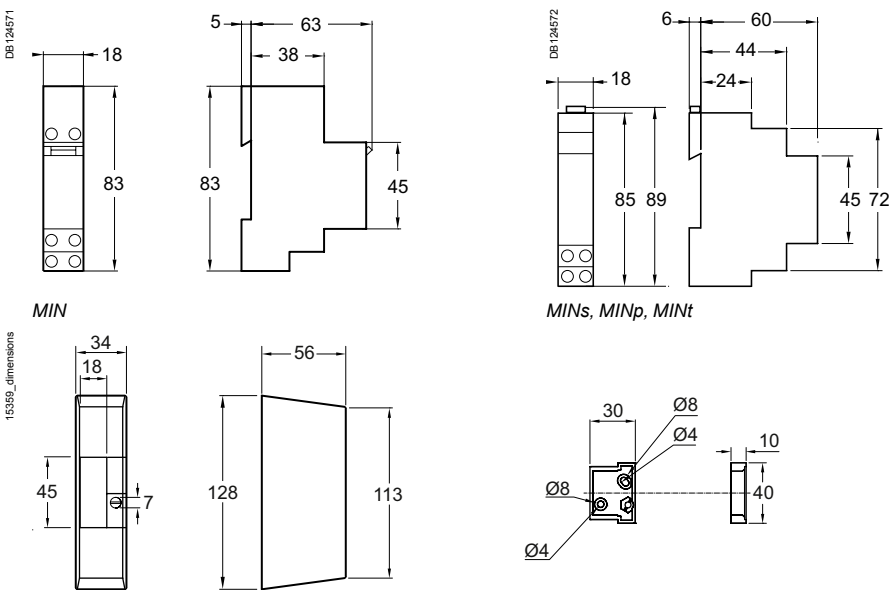


Type	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
MIN, MINs, MINp, MINt	1.2 N.m	 ≤ 6 mm ²	 ≤ 6 mm ²

Weight (g)

Time switches	
MIN	84
MINs	75
MINp	103
MINt	76

Dimensions (mm)



Wall mount accessory

