



Practical and eco-friendly

Legrand packaging - your assistance of a certified original product which is factory inspected, protected and clearly identifiable.



Dustproof flaps: effective protection of the product

Resealable box: for easy management of the contents

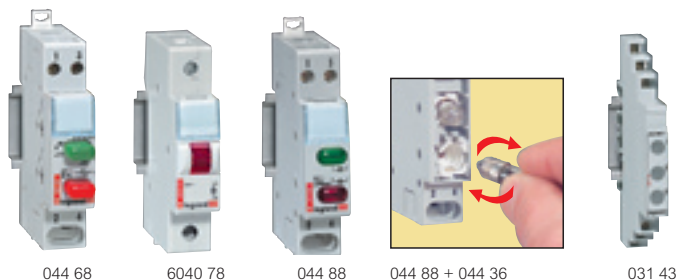
Informative label:
 - Catalogue number/quantity
 - Picture of the product
 - Clear description
 - Technical information
 - Barcode
 - Regulatory marking

The red and white box and the logo are registered trademarks

Eco-friendly:
 - Recyclable cardboard packaging
 - Printing inks comply with environmental standards



push-buttons, control switches and indicators



Dimensions (p. 183)

Push-buttons and control switches 20 A - 250 V~

Accept insertion of supply busbars
 Conform to IEC 60669-1
 Breaking capacity AC 12 A according to IEC 60947-5-1
 Supplied in push-button position
 Can be converted to control switches

Single functions

Pack	Cat.Nos		Number of modules
10	044 53	1 N/O	1
10	044 54	1 N/C	1
10	044 55	2 N/O	1
10	044 58	1 N/O + N/C	1
10	044 63 ⁽¹⁾	1 N/O + green indicator	1
10	044 64 ⁽¹⁾	1 N/C + red indicator	1
10	044 68	1 N/O (green) + 1 N/C (red)	1

Indicators - 250 V~

One piece indicator - single

Supplied with 230 V~ lamps non replaceable

12	6040 77	Green	1
12	6040 78	Red	1
12	6040 79	Orange	1

Double

Supplied with diffuser and replaceable lamp E 10 - 230 V~
 Green + red

10	044 88		1
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Three-phase voltage indicator

Supplied with lamps 230/400 V~ non replaceable
 3 neon lamps colourless

2	031 43		0.5
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Accessories

Replacement lamps E 10 - 1.2 W

10	044 33	24 V incandescent
10	044 36	230 V neon
10	044 37	230 V fluo for blue and green diffusers

(1) Supplied with E 10 lamps 230 V~



electronic time-lag switches



047 02



Space for supply busbar



047 04



Dimensions (p. 183)

Designed for supply busbar compatibility
Power supply: 230 V~ - 50/60 Hz
Switches a lighting circuit for a specific time
Self-protection in the event of blocked pushbutton

Pack	Cat.Nos	Time-lag switch
10	047 02	Resettable 230 V~ - 50/60 Hz Timing adjustable from 0.5 sec to 10 min Manual override contact Output 16 A - 250 V~ - $\mu \cos \varphi = 1$ 2000 W incandescent/halogen 2000 W halogen - 230 V~ 1000 VA fluo - series compensated 120 VA fluo - parallel compensated 14 μF 100 VA compact fluorescent 1000 W energy saving lamp automatic 3-wire or 4-wire connection

Numbers of modules
1

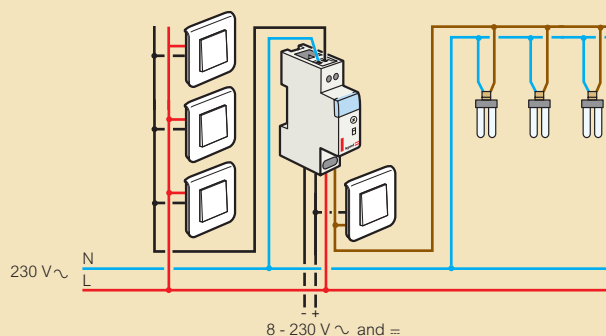
Pack	Cat.Nos	Multi-function time-lag switch
10	047 04	Resettable 230 V~ - 50/60 Hz Timing adjustable from 0.5 sec to 12 min Operation with 3 or 4 wires automatically recognised by the time-lag switch - Inputs for separate control 8-230 V (presence detection, lighting control by door entry system etc.) - Switch-off pre-warning function, display of time-lag end - Long duration function (1 hour) and manual switch-off Output 16 A - 250 V~ - $\mu \cos \varphi = 1$ 3680 W incandescent/halogen 2000 W halogen 230 V~ 1000 VA fluo - parallel compensated $\leq 100 \mu\text{F}$ 2000 VA compact fluorescent 500 W halogen lamp + ferromagnetic transformer 2000 W halogen lamp + electronic transformer - Specially suited to energy saving lamps 1000 W energy saving lamp

Numbers of modules
1

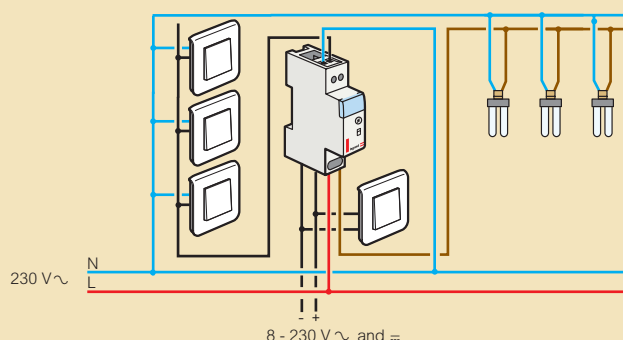
electronic time-lag switches

Multi-function time-lag switch

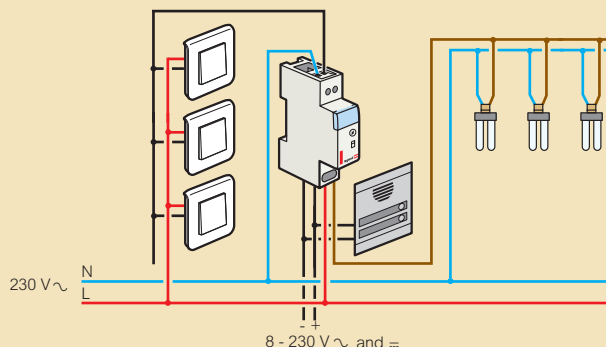
4-wire



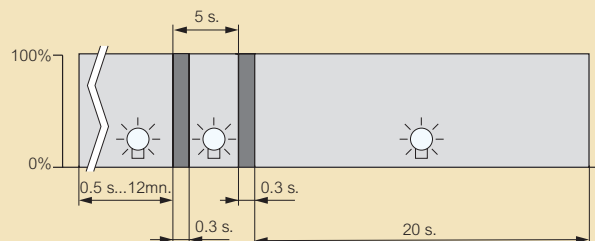
3-wire



Multi-function time-lag switch: lighting control by door entry system



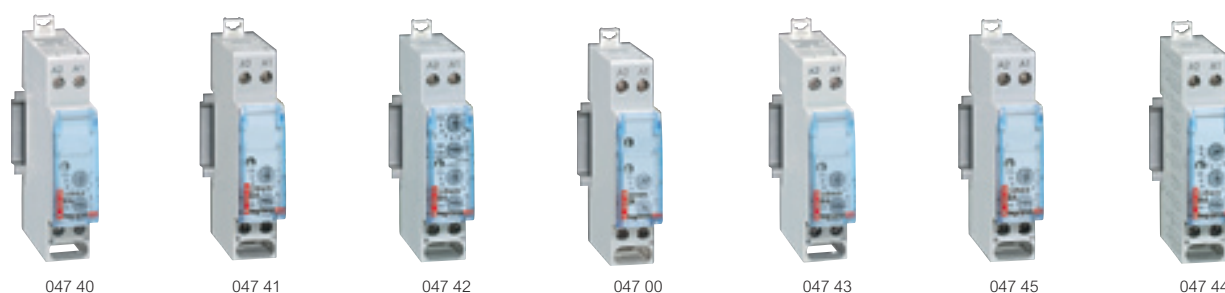
Switch-off pre-warning function



For fluorescent and energy saving lamps the switch-off period is longer than 0.3 s, because of re-starting time required by the lamps

time delay relays

12 to 230 V~ and =



047 40

047 41

047 42

047 00

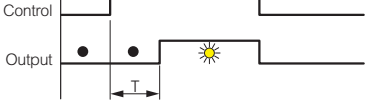
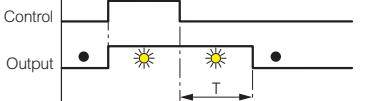
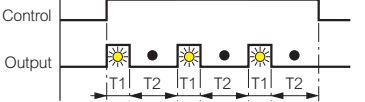
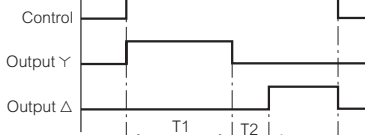
047 43

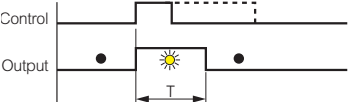
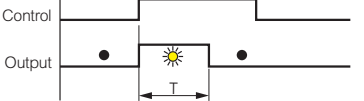
047 45

047 44



For controlling the switching ON or OFF of a circuit (lighting, ventilation, automation, signalling) in operation for a specific time from 0.1 sec to 100 hrs
Supply voltage: 12 to 230 V~ (50/60 Hz) and =
Output: 8 A - 250 V~ - $\mu \cos \varphi = 1$ per inverter contact

Pack	Cat.Nos	Time delay relays	Number of modules
1	047 40	ON delay Delays load switch-on (alarm, lighting, contactor)  <p>The time period starts when the relay is switched ON. At the end of the time period (T), the load is switched ON</p>	1
1	047 41	OFF delay Delays load switch-off (ventilation, etc.)  <p>The time period (T) starts with the opening of the non-illuminated switch or pushbutton. At the end of the time period, the load is switched OFF</p>	1
1	047 42	Flashing For switching ON and OFF a load (lighting, sounder) for different times and cyclically 	1
1	047 00	Motor start (star / delta) For starting a load (motor) in 2 steps Double star-delta timing 	1

Pack	Cat.Nos	Time delay relays (continued)	Number of modules
1	047 43	Timer (pulse) For switching a load ON for a specific time (contactor)  <p>The time period (T) starts with the closing of the non-illuminated switch or pushbutton. At the end of the time period, the load is switched OFF</p>	1
1	047 45	Wipe contact flick contactor For switching a load ON for a specific time  <p>The time period (T) starts when the relay is switched ON. At the end of the time period (T), the load is switched OFF</p>	1
1	047 44	Multifunction <ul style="list-style-type: none"> • ON delay • OFF delay • ON/OFF delay • Timer (pulse) • Timer and passing contact • Flashing • Totalizer on delay • Totalizer delay on power-up 	1