

# Mosaic™ Programme mechanisms

## motion and presence sensors



Selection chart for boxes, supports and plates **p. 900-901**

All sensors are compatible with any lamp - Detection field: 120°. Detection range: 8 m. Recommended installation height: 1.20 m  
Integrated self-protection against overloads and short-circuits. 2 modules

Pack	Cat.Nos.	2-wire motion sensors, without neutral
1	0 784 58	IR detection Accepted power by lamp type: - LEDs: 3 to 100 W - compact fluorescent: 3 to 100 W - LEDs, CFLs, Halogen, fluo tubes with ferromagnetic or electronic transformer: 3 to 250 VA - halogen 230 V, incandescent: 3 to 250 W For LED and compact fluorescent lamps If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet Possibility to install up to 3 sensors in parallel Time delay setting from 10 s to 10 min Light level threshold setting from 5 lux to 1275 lux Standby consumption : 0.2 W
1	0 792 47	<b>Sensor without override</b> ○ White
1	0 784 59	<b>Sensor with override</b> ○ White Front override button to select "Always ON", "Automatic" or "Always OFF" mode
1	0 784 57	<b>2-wire motion sensor for time-lag switch, without neutral</b> To be associated with a time-lag switch (p. 93) Allows automatic turning on/off in a hall, staircase... Replaces a push-button The time delay setting must be the same as that of the time-lag switch ○ White
1	0 784 54	<b>3-wire motion sensors, with neutral</b> <b>IR detection - 2000 W</b> Checks the light level continuously and not only at the time of detection Accepted power by lamp type : - LEDs: 0 to 250 W - Compact fluorescent: 0 to 250 W - LEDs, CFLs, Halogen, fluo tubes with ferromagnetic or electronic transformer: 0 to 1000 VA - Halogen 230 V, incandescent: 0 to 2000 W Up to 10 sensors can be connected in parallel Additional remote manual control possible with push button Time delay setting from 5s to 30 min Light level threshold setting from 5 lux to 1275 lux Standby consumption : 0.2 W
1	0 792 58	○ White ● Alu

Pack	Cat.Nos.	3-wire motion sensors, with neutral (continued)
1	0 784 50	<b>IR detection - 400 W</b> Accepted power by lamp type: - LEDs: 0 to 50 W - Compact fluorescent: 0 to 50 W - LEDs, CFLs, Halogen with ferromagnetic or electronic transformer: 0 to 200 VA - fluo tubes with ferromagnetic or electronic transformer: 0 to 150 VA - Halogen 230 V, incandescent: 0 to 400 W Only one detector per circuit No additional remote manual control with push button Time delay setting from 10 s to 10 min Light level threshold setting from 5 lux to 1275 lux Standby consumption: 0.55 W
1	0 784 52	<b>3-wire presence sensor, with neutral</b> Infrared and ultrasonic double technology Allows a precise presence detection Checks the light level continuously and not only at the time of detection Propose a special mode: manual switching on with integrated pushbutton, automatic switching off Accepted power by lamp type: - LEDs: 0 to 250 W - Compact fluorescent: 0 to 250 W - LEDs, CFLs, Halogen, fluo tubes with ferromagnetic or electronic transformer: 0 to 1000 VA - Halogen 230 V, incandescent: 0 to 2000 W Up to 10 sensors can be connected in parallel Additional remote manual control possible with push button Time delay setting from 5 s to 30 min Light level threshold setting from 5 lux to 1275 lux Standby consumption : 0.4 W
1	0 401 49	<b>Active Power Compensator</b> Allows 2-wire electronic switches without neutral to be compatible with all loads (LED, fluocompact...)

