

SUL 180 a

Technical Specification



Voltage : 110 V and 220 V
Segment : 15 minutes
Power Backup : 3 days
Frequency : 50 - 60 Hz
Switching Capacity : 16 (4) A, 1 channel
Display : Analog
Time Period : 24 hours

Mounting	Code no.
Rail	1800001

SUL 181 d

Technical Specification



Voltage : 110 V and 220 V
Segment : 15 minutes
Power Backup : 7 days
Frequency : 50 - 60 Hz
Switching Capacity : 16 (4) A, 1 channel
Display : Analog
Time Period : 24 hours

Mounting	Code no.
Rail	1810011

Hour Counter

Technical Specification :



BZ 142 - 5

Rated Voltage : 230 V
Counting Range : 99.999,99 hours
Protection Class : II, front frame IP 65
Terminal or Flat Plug Connection : 6.3mm
Size : 48mm x 48mm

Code no.
1420721

Simplexa Series

Technical Specification



Voltage	: 110 V and 220 V
Program	: Daily and weekly
Power Reserve	: 3 years
Switching Time	: 1 minute
Frequency	: 50 - 60 Hz
Display	: Digital
Time Period	: 24 hours
Keyboard	: 4 four buttons and reset button
Incandescent lamp load	: 700 W / 1400 W
Halogen lamp load	: 700 W / 1400 W
Fluorescent lamp	: 700 VA / 1400 VA
Parallel corrected	: 110 VA / 220 VA
Memory	: 28 locations

Type	Mounting	Switching Capacity	Code no.
Simplexa 601	Rail	16 (6) A, 1 Channel	6010001
Simplexa 602	Rail	16 (6) A, 2 Channel	6020001

Termina top2 Series

Technical Specification



Voltage	: 220 V
Program	: Daily and weekly
Power Reserve	: 10 years
Switching Time	: 1 minute
Frequency	: 50 - 60 Hz
Display	: Digital
Time Period	: 24 hours
Keyboard	: 4 four buttons Mounting Rail
Incandescent lamp load	: 2600 W
Halogen lamp load	: 2600 W
Fluorescent lamp	: 1000 VA
Parallel corrected	: 1000 VA
Memory	: 56 locations
Feature	: Holiday program, Operating time, memory card (optional) PIN and super PIN, Illuminated LCD with text line

Type	Mounting	Switching Capacity	Code no.
TR 610 TOP 2	Rail	16 (10) A, 1 Channel	6100103
TR 612 TOP 2	Rail	16 (10) A, 2 Channel	6120103

Termina top2 Series

Technical Specification



Voltage	: 220 V
Program	: Daily and weekly
Power Reserve	: 10 years
Switching Time	: 1 second
Frequency	: 50 - 60 Hz
Display	: Digital
Time Period	: 24 hours
Keyboard	: 4 four buttons Mounting Rail
Incandescent lamp load	: 2600 W
Halogen lamp load	: 2600 W
Fluorescent lamp	: 1000 VA
Parallel corrected	: 1000 VA
Memory	: 84 locations
Feature	: Holiday program, Operating time, memory card PIN and super PIN, illuminated LCD with text line, Memory card included, interface PC programming included, pulse program, cycle program, 2 random program.

Type	Mounting	Switching Capacity	Code no.
TR 611 TOP 2	Rail	16 (10) A, 2 Channel	6110103

Termina top2 Series

Technical Specification



Voltage	: 110 - 240 V
Program	: Yearly time switch & astronomical program
Power Reserve	: 8 years
Switching Time	: 1 second
Frequency	: 50 - 60 Hz
Display	: Digital
Time Period	: 24 hours
Keyboard	: 8 buttons
Incandescent lamp load	: 2600 W
Halogen lamp load	: 2600 W
Fluorescent lamp	: 1000 VA
Parallel corrected	: 1000 VA
Memory	: 800 locations
Feature	: Yearly time switch & astronomical program, memory card & PC programming included, pulse program, cycle program, 2 random program.

Type	Mounting	Switching Capacity	Code no.
TR 644 TOP 2	Rail	16 (10) A, 4 Channel	6440100

theLuxa Series

Technical Specification



theLuxa S150

Operating Voltage	: 230 V
Brightness Range	: 5 - 1000 lux
Channel	: 1
Switching Capacity	: 10 (6) A
Detection range, height 2.5 m	: 5 - 12 m
Creep Under Protection	: Ø 3 m
Switching Period Range	: 1 sec - 20 min
Protection Rating	: IP 55
Installation Type	: Wall mounted, internal corner and external corner



theLuxa S360

Type	Detection Angle	Detection range, height 2.5 m	Code no.
theLuxa S150 (white)	150°	5 - 12 m	1010500
theLuxa S150 (black)	150°	5 - 12 m	1010501
theLuxa S180 (white)	180°	5 - 12 m	1010505
theLuxa S180 (black)	180°	5 - 12 m	1010506
theLuxa S360	360°	6 - 32 m	1010510

Luxa 103 Series

Technical Specification



Luxa 103 - 360

Operating Voltage	: 230 V
Brightness Range	: 10 - 2000 lux
Channel	: 1
Switching Capacity	: 10 (3) A
Detection Angle	: 360°
Detection range, height 2.5 m	: Ø 7 m
Protection Rating	: IP 40, power unit IP 20
Installation Type	: Ceiling mounted



Luxa 103 - 360/AP

Type	Switching Period Range	Channel	Code no.
Luxa 103 - 360	5 sec - 20 min	1	1030010
Luxa 103 - 360/2	5 sec - 20 min, 10 sec - 60 min	2	1030011
Luxa 103 - 360/AP	5 sec - 20 min	1	1030020
Luxa 103 - 360/2 AP	5 sec - 20 min, 10 sec - 60 min	2	1030021

Sphinx Series

Technical Specification



Sphinx 104 - 360



Sphinx 104 - 360AP

Operating Voltage	: 230 V
Brightness Range	: 10 - 2000 lux
Switching Capacity	: 8 A (Non-AP) / 16A (AP Series)
Detection Angle, height 2.5 - 3.5	: 360°
Detection range, height 1.2 - 2 m	: Approx Ø12m - 14m
Detection range, seated	: 5m
Protection Rating	: IP 41
Optional Remote Control	: User, Service
Installation Type	: Ceiling installation, flush-mounted (Non AP Series) : Surface mounted in ceiling (AP Series)

Type	Switching Periode Range (light)	Channel	Code no.
Sphinx 104 - 360	1 sec - 20 min	1	1040370
Sphinx 104 - 360/2	1 sec - 20 min, 1 min - 120 min	2	1040372
Sphinx 104 - 360AP	1 sec - 20 min	1	1040360
Sphinx 104 - 360/2AP	1 sec - 20 min, 1 min - 120 min	2	1040362

Presence Light Series

Technical Specification



Presence Light 180



Presence Light 360

Operating Voltage	: 230 V
Mixed Light Measurement	: 10 - 1500 lux
Switch Off Delay Time	: 10 sec - 20 min, short pulse
Maximum Switching Capacity	: Ohmic 1400 VA, Incandescent Lamps, Halogen 1200 W
Protection Rating / Channel	: IP 54 / 1
Optional Remote Control	: Control clic or Quickset Plus
Installation Type	: Wall mounted, Ceiling Mounted

Type	Detection Angle	Recomended Mounting height	Detection Range	Code no.
Presence Light 180	Horizontal 180°	1.6 m - 2.2 m	Up to 16 m	2000050
Presence Light 360	360°	2 m - 3 m	3 m - 8 m	2000000

Compact Series

Technical Specification



Operating Voltage	: 230 V
Mixed Light Measurement	: 10 - 1500 lux
Switch Off Delay Time for Light	: 10 sec - 20 min, short pulse
Switch Off Delay Time for Presence	: 10 sec - 120 min
Switch On Delay for Presence	: 0 sec - 10 min, room surveillance
Stand by Time for Light	: 0 sec - 60 min / on (Compact Office DIM)
1 - 10V Interface	: EN 60929/A1 (Compact Office DIM)
Maximum Switching Capacity	: Ohmic 1400 VA, Incandescent Lamps, Halogen 1200 W
Relay Output B for Presence	: Relay, free potential 50 VA (250V AC)
Protection Rating	: IP 40
Detection Angle	: 360°
Parallel Circuit Operation	: Master - Slave or Master - Master
Optional Remote Control	: Control clic or Quickset Plus
Installation Type	: Ceiling mounted

Type	Detection Range	Recomended Mounting height	Code no.
Compact Passage	16m x 3.5m up to 30m x 5m	2m - 3.5m	2010090

thePrema Series



Technical Specification :

Operating Voltage	: 230 V
Mixed Light Measurement	: 5 - 3000 lux
Switch Off Delay Time for Light	: 10 sec - 60 min, short pulse
Switch Off Delay Time for Presence	: 10 sec - 120 min
Switch On Delay for Presence	: 0 sec - 10 min
Switching Capacity for Light	: 2300 W / 1150 VA
Switching Capacity for Presence	: 50 W / 50 VA
Channel, Protection Rating	: 2 (light and presence), IP 40
Detection Angle	: 360°
Recommended Mounting Height	: 2m - 3m
Detection Range	: 3m x 3m up to 8m x 8m
Parallel Circuit Operation	: Master - Slave or Master - Master
Control Features	: Fully Automatic / Semi Automatic (Smart Switching) Short Presence Feature
Optional Remote Control	: theSenda S Remote

Type	Installation Type	Control Unit	Code no.
ThePrema S360-101	Ceiling mounted	Master unit	2070505
ThePrema S360 Slave	Ceiling mounted	Slave unit	2070530

PlanoCentro



False Ceiling Installation
with Mounting Frame



Flush Mounting for Concrete Ceiling

Technical Specification :

Operating Voltage	: 230 V
Real Daylight Measurement	: 5 - 2000 lux
Switch Off Delay Time for Light	: 10 sec - 60 min, impulse
Switch Off Delay Time for Presence	: 10 sec - 120 min
Switch On Delay for Presence	: 0 sec - 10 min
Switching Capacity for Light	: 2300 W, 1150 VA
Switching Capacity for Presence	: 60 W, 62.5 VA
Protection Rating / Channel	: IP 40 / 2 (light and presence)

Detection Angle	: 360°
Recommended Mounting Height	: 2m - 3.5m
Detection Range	: 4.5m x 4.5m up to 10m x 10m
Parallel Circuit Operation	: Master - Slave, Master - Master
Control Features	: Fully Automatic, Semi Auto (smart switching) Short Presence Feature
Optional Remote Control	: Senda Clic or Senda Pro
Installation Type	: Ceiling mounted

Type	Installation For	Control Unit	Code no.
Plano Centro 101 UWH	Concrete Ceiling	Master	2030102
Plano Centro 101 EWH	False Ceiling	Master	2040102
Plano Centro 000 UWH	Concrete Ceiling	Slave	2030202
Plano Centro 000 EWH	False Ceiling	Slave	2040202

Luna top2 Series

Technical Specification

Voltage	: 230 - 240 V
Frequency	: 50 - 60 Hz
Switch On Delay	: 0 - 59 minute
Switch Off Delay	: 0 - 59 minute
Brightness Range Measurement	: 1 - 99000 Lux
Display	: Digital
Keyboard	: 4 four buttons Mounting Rail
Ingress Protection	: Luna Module (IP 20) Surface Mounted Light Sensor (IP 55) Flush Mounted Light Sensor (IP 66)
Feature	: Adjustable switching brightness Adjustable switch off Delay Lux Reading Value Permanent switching ON/OFF Illuminated LCD with text line



Surface Mounted
Light Sensor



Flush Mounted
Light Sensor

Type	Sensor (included)	Switching Capacity	Code no.
Luna 111 Top 2 AL	Surface Mounted Light Sensor	16 (10) A, 1 Channel	1110100
Luna 111 Top 2 EL	Flush Mounted Light Sensor	16 (10) A, 1 Channel	1110200
Luna 112 Top 2 AL	Surface Mounted Light Sensor	16 (10) A, 2 Channel	1120100
Luna 112 Top 2 EL	Flush Mounted Light Sensor	16 (10) A, 2 Channel	1120200

Air Quality Control

Technical Specification

Voltage	: 24 V AC/DC - SELV
Outputs	: 2 x Relay 5A/250 V AC, 3 x Monitoring Analog Output 0 - 10 V DC
Measuring Range Co2	: 0 - 2000 ppm
Measuring Range Temperature	: +5 °C ... +40 °C
Measuring Range Humidity	: 30 - 80 % rH
Ingress Protection	: IP 20
ON/OFF Thresholds	: 700 ppm ± 200 ppm, 1300 ppm ± 200 ppm
Power Unit (Included)	: 24 V/12 W Flush Mounted power unit (SELV)



Power unit Co2-sensor

Type	Display	Code no.
AMUN 716R	6 LEDs	7160101
Power Unit Co2 sensor	-	9070494