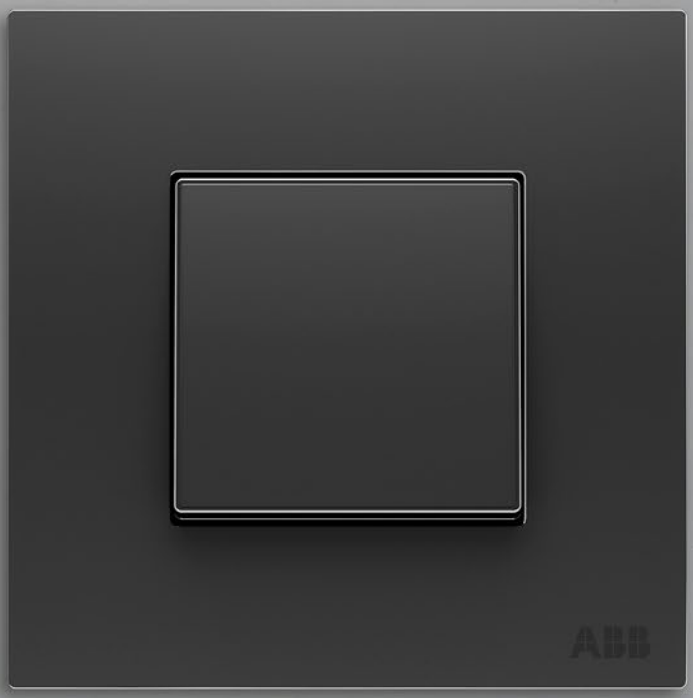
Millenium

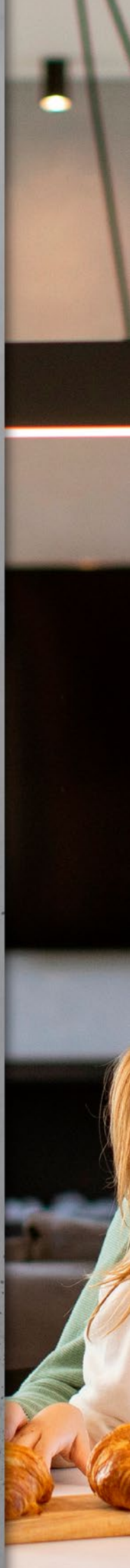
An element of sophistication

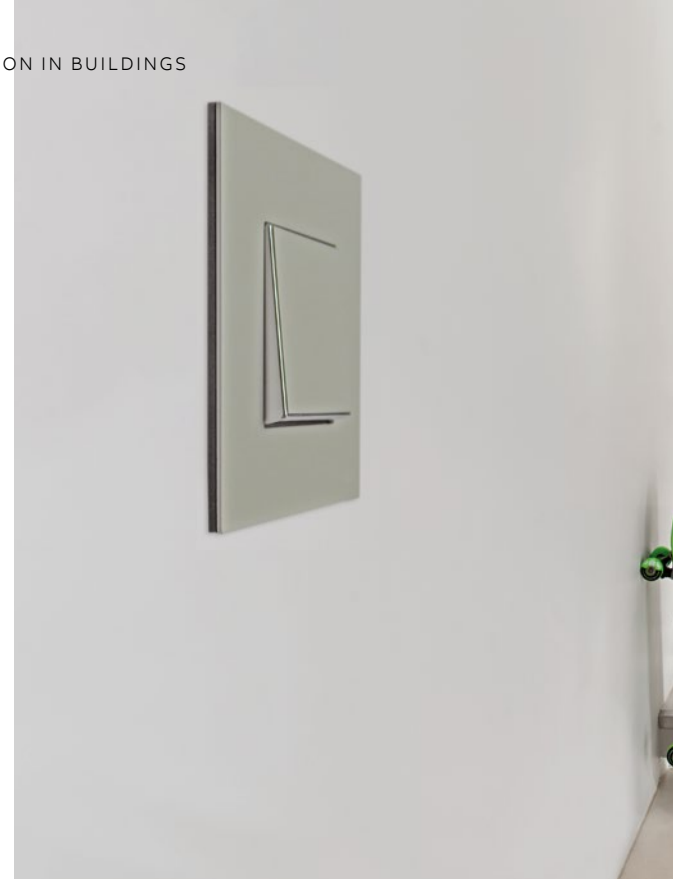
- ABB's signature range includes additional functions such as ABB-free@home® Wireless and the new USB chargers.
- Slim design, only 4 mm height of the cover frames.
- Two different rocker sizes: Premium and Standard for the light switches.
- Including two glass colors, black and white, and the recently launched Dune Sand and Mocha Brown new colors.

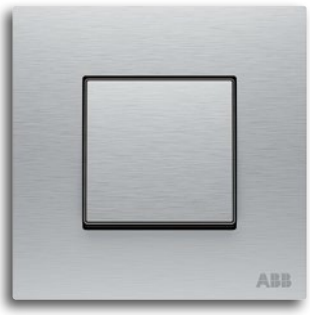
Find exactly what you are looking for.

The Millenium series offers control, functionality and convenience that will always fit the desired look and feel of the building.





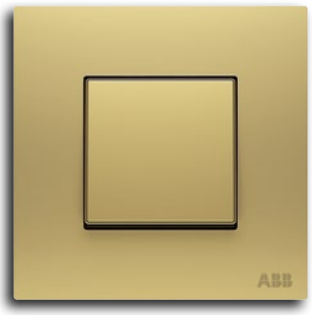




01

02

03



04

Ultra slim design in different finishes

Thanks to a combined system, the switches of the Millenium series provide a comprehensive range of solutions for single rooms or whole building concepts. The square and ultra slim switches do not only add quality and style to the overall building, but are also easy to install.

05

06

Millenium new colors
The touch of style

Today more than ever, both at home and when we visit a hotel, we need spaces that provide a sense of safety and comfort. The two new colors Mocha Brown and Dune Sand are inspired by natural elements such as coffee beans, earth or sand to bring a warm feeling to the interior design of contemporary spaces.

07

08

01 Stainless Steel

02 Silk Black *

03 Antique Gold

04 Matt Gold

05 White Glass

06 Black Glass

07 Dune Sand

08 Mocha Brown

* SB Not suitable for outdoor installations

Everything under control

The Millenium collection is the first metal range to incorporate the KNX system, the most intelligent way of managing spaces and optimizing performance in terms of energy saving.

Optimizing comfort, safety and efficiency of buildings:

- Providing with complete comfort solutions to satisfy all type of needs and projects.
- Ensuring safety and protection of persons and goods.
- Saving energy by using only the amount of energy required.

— 01

— 02

—
01 KNX 6gang sensor
—
02 KNX 6gang with IR sensor
—
03 KNX 180° movement detector
—
04 KNX room temperature controller

—
03

—
04

Freedom is a wonderful feeling

With Millenium collection ABB-free@home® all functions in the home can be managed automatically – according to time schedule, temperature and movement detector – or be called up at the touch of a button. Every combination of the various functions is possible. More comfortable living. ABB-free@home® makes daily life easier.

—
01 Switch 1/2gang, Stainless Steel
—
02 Switch 2/4gang, Stainless Steel
—
03 Movement detector, Stainless Steel
—
04 Room temperature controller, Stainless Steel

—
01

—
02

—
03

—
04

Blind
Light
Heating
Air conditioning
Door communication

Now scan the QR code to find out more about the advantages of ABB-free@home®
abb.com/freeathome

Access control: the right choice for hotels applications

ABB's access control KNX-based solutions are perfectly adaptable not only to the needs of hotel industry operators, but also to the hospitality sector in general (apartment hotels, B&Bs, holiday apartments, and resorts).

Advantages
ABB access control is based on MIFARE transponder technology, exploiting its flexibility and security:

- Simplified and centralized management of all hotel functions from the front desk via the supervision software.
- Energy efficiency and cost savings (activation of the room's electrical devices only when occupied by the guest).
- Safety, thanks to room access via transponder card.
- Additional guest services integrated, managing access to every hotel common areas.

— 01

— 02

—
01 Transponder reader
—
02 Transponder holder
—
03 Set of 10 MIFARE transponder cards
—
04 MiniMAC 4.1 software

—
03

—
04

Sustainability and maximum respect for the planet

Nowadays it is not enough to simply design on the basis of aesthetics. The responsibility of manufacturers towards the environment means that they have to think about ecological designs.
At ABB we are convinced that the intelligent use of technology makes sustainability and maximum respect for the planet possible. So our products care for both people and the world around them.

These are some of the environmental improvements offered by Millenium:

- Millenium light signals are based on LED technology, leading to a saving in energy consumption of 50%, and extending their life to up to 10 years.
- Recyclable packaging, optimised to reduce raw material consumption.
- Optimization of Millenium's design, production and distribution process in order to reduce the impact in the environment.
- All our products comply with ROHS.

AENOR Ecodiseño ED-0008/2007

ECODESIGN by NESSEN

Millenium range has been designed following the requirements of norm ISO 14006 Environmental management systems / guidelines for incorporating Ecodesign certificate.

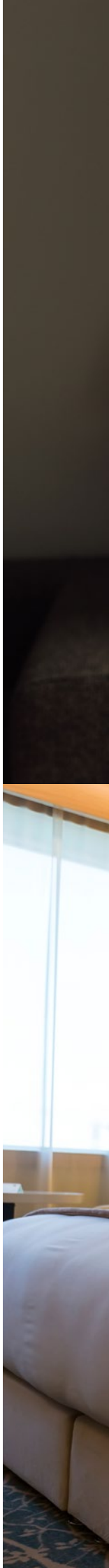
Applications

Millenium is based on a combinable concept which creates a very comprehensive range, suitable for any type of needs. This makes it the ideal collection for all types of homes, hotels, offices, shops, etc.

Homes
Its simple and minimalist design integrates in any type of architecture, regardless of the decoration. It provides a wealth of features and value, thanks to its wide range of functions and benefits. Millenium is the perfect match to improve living space.

Hotels
Millenium is specially suitable for Hotel projects thanks to its modern design, fashion materials and functionalities that provide high comfort level to the hotel guests. Its ABB i-bus® KNX, ABB-free@home®, access control, sound system and more functions make a special contribution to the Guest Room System in the daily management of the hotel, achieving energy savings and high tech comfort.

Commercials
The Millenium collection offers elegance and distinction to commercial spaces designed for different purposes; restaurants, coffee shops, stores, offices, airports, etc.



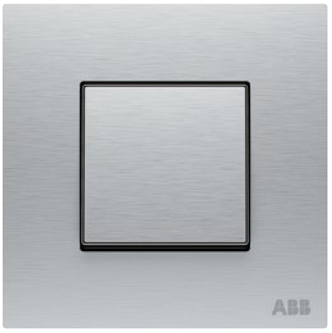
Features and benefits
Innovation, design and technology Made in Spain

Millenium's design and functionality convert into numerous technical and installation advantages

Modern and contemporary 4 finishes made in real stainless steel material AISI 304 and 2 finishes made in glass to complete the elegant finishes of Millenium: Stainless Steel, Silk Black, Antique Gold, and Matt Gold, White Glass and Black Glass.

Designed by the famous European designer Josep LLuscá.

Slim line design, only 4 mm high with straight and square lines at the forefront. Rocker with attractive chrome profile that gives a distinctive glance.



First British Standard range with wide rocker and metal finish. Screwless front plate ultra slim design.

GUARANTEE POLICY
10
YEARS

ABB warranty policy for Millenium collection:
- 10 years for mechanical switches and socket outlets
- 1 year for electronic devices

Large variety of sockets outlets, equipped with shutters for increased safety. Single and double pole, round pin, universal socket outlet, references with and without led indicator, 13 A and 15 A. All equipped with child protection safety shutter system.

Control your LED lamps redefining the use of light and using only a 50% of the energy of conventional lamps. Comfortable light control in a trice. Press the rotary knob and dim the light darker or brighter as required. The technology of the LED dimmers is based on transistors, avoiding humming noise.

Easy to install, simple and adaptable, it allows the use of bigger screws helping installation in any situation and place. Additionally, strong centered bridles allow to absorb differences in uneven walls up to 2 mm height in order to keep the installation perfect under any circumstances.

First British Standard range of wiring accessories with Ecodesign Certificate. Millenium has been designed from its conception to reduce the environmental impact throughout the product life cycle from design, production, operation, distribution and product recall.

Millenium offers a complete solution for any commercial project and especially for hotels, including within its range of wiring accessories not only special conventional solutions for hotels (DND/MUR switch, card switch, electronic thermostat, etc) but also VDI connectors, USB charger, ABB i-bus® KNX, ABB-free@home®, access control and sound systems.

Features and benefits

Full range of ABB i-bus® KNX, ABB-free@home® sensors, innovative, intuitive and visually elegant. Millenium gives answer to the future by providing comfort, safety, and energy saving.

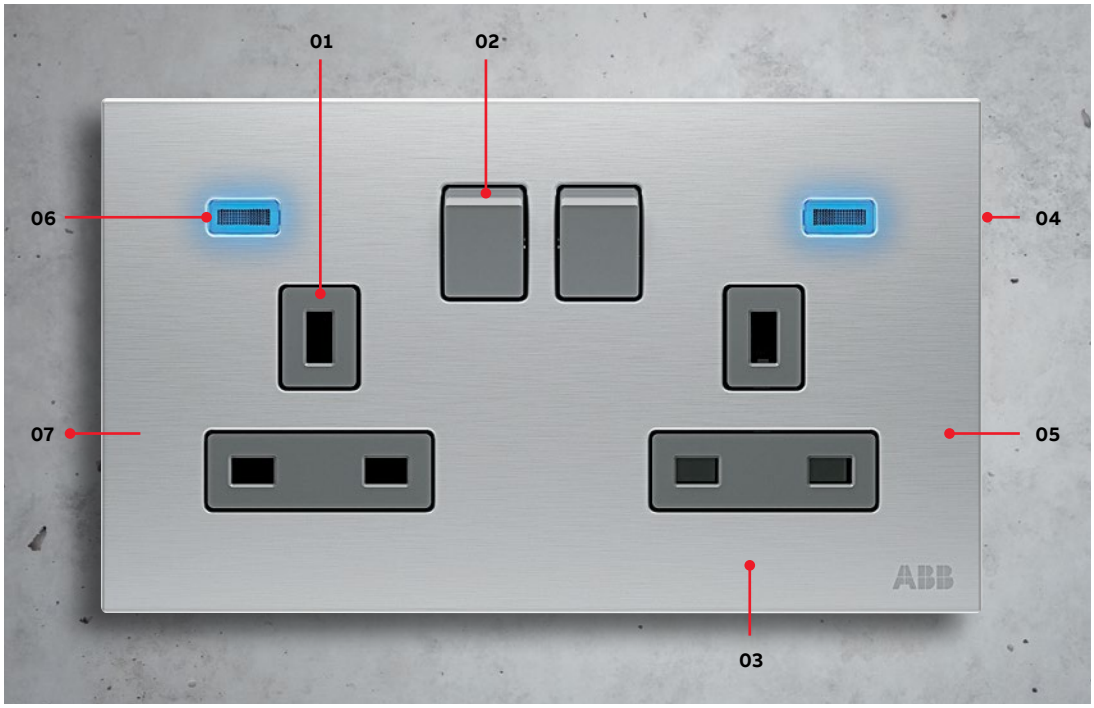
Millenium collection is a grid type system enabling combination of colours and products of different dimension and functionality. The three type of switch dimensions together with the ABB i-bus® KNX, ABB-free@home® sensors and other functions, have to be composed with the required frame in order to have the right assortment of functionality and design. In ABB i-bus® KNX sensors we have the possibility to adjoin to the frame the special metal mounting plate that allows to reduce the height so as to maintain the ultra slim line for KNX functionalities.

—
Mounting Plate

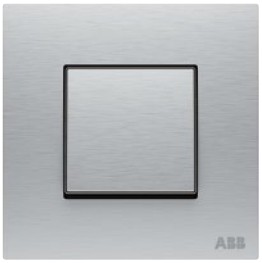
—
Premium rocker switch

—
Frame

—
01 Earth Pin Child safety shutter system. Designed to inhibit access to electricity supply
—
02 Double pole switching
—
03 Four high quality finishes combinable to reach sixteen combinations in Stainless Steel material AISI 304
—
04 Styling slim-line design frontplate profile only 4 mm
—
05 Adaptable to the market wallboxes
—
06 Load indicator in blue LED. Less energy consumption, more durability and stylish signaling
—
07 Pure Stainless Steel AISI 304 with highest corrosion protection



Millenium – Complete sets (AM)



ST

ST

All articles in this chapter are supplied with all the necessary parts to complete the installation of the functions.

Each article includes:
- Functional module (e.g., switch, socket outlet)
- Frame / Front plate and mounting support

1 Gang switches - Standard rocker

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AM10120-ST**	2CLA610109N1101	1
	Switch 1-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AM10520-ST**	2CLA610209N1101	1
	Switch 1-gang, intermediate, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AM11920-ST**	2CLA611009N1101	1
	Switch 1-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
Stainless Steel	**AM11020-ST**	2CLA610119N1101	1
	Switch 1-gang, 2-way, SP 20 AX Rated voltage: 250Vac Rated current: 20AX		
Stainless Steel	**AM11520-ST**	2CLA610219N1101	1

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, DP 20AX Rated voltage: 250Vac Rated current: 20AX Status indicator LED		
Stainless Steel	**AM11120-ST**	2CLA610139N1101	1
	Switch 1-gang, 1-way, DP water heater 20AX Rated voltage: 250Vac Rated current: 20AX Water heater indicator LED		
Stainless Steel	**AM10920-ST**	2CLA610149N1101	1
	Push-button 1-gang, 1-way, SP 10A Rated voltage: 250Vac Rated current: 10A		
Stainless Steel	**AM43020-ST**	2CLA610409N1101	1
	Push-button 1-gang, 1-way, SP with bell symbol Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED		
Stainless Steel	**AM42920-ST**	2CLA610449N1101	1

* Silk Black is not suitable for outdoors installation.

Millenium - Complete sets (AM)

1 Gang switches - Premium rocker

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	**AM10144-ST**	2CLA620109N1101	1
	Switch 1-gang, 2-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	**AM10544-ST**	2CLA620209N1101	1
	Switch 1-gang, intermediate, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	**AM11944-ST**	2CLA621009N1101	1
	Switch 1-gang, 1-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
Stainless Steel	**AM11044-ST**	2CLA620119N1101	1
	Switch 1-gang, 2-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
Stainless Steel	**AM11544-ST**	2CLA620219N1101	1
	Switch 1-gang, 1-way, DP premium 20AX w/LED Rated voltage: 250Vac Rated current: 20A Status indicator LED Premium size rocker		
Stainless Steel	**AM11144-ST**	2CLA620139N1101	1
	Switch 1-gang, 1-way, DP premium 32AX w/LED Rated voltage: 250Vac Rated current: 32A Premium size rocker		
Stainless Steel	**AM11244-ST**	2CLA620189N1101	1

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, DP premium 45A Rated voltage: 250Vac Rated current: 45A Status indicator LED Premium size rocker		
Stainless Steel	**AM17744-ST**	2CLA620149N1101	1
Silk Black	**AM17744-SB**	2CLA620149N1501	1
Antique Gold	**AM17744-AG**	2CLA620149N1601	1
Matt Gold	**AM17744-MG**	2CLA620149N1701	1
Dune Sand	**AM17744-DU**	2CLA620149N6201	1
Mocha Brown	**AM17744-MO**	2CLA620149N6601	1
White Glass	**AM17744-WG**	2CLA620149N3001	1
Black Glass	**AM17744-BG**	2CLA620149N3101	1
	Switch 1-gang, 1-way, DP premium 45A, large size Rated voltage: 250Vac Rated current: 45A Status indicator LED Premium size rocker For 6x3 inch. boxes		
Stainless Steel	**AM17844-ST**	2CLA620169N1101	1
Silk Black	**AM17844-SB**	2CLA620169N1501	1
Antique Gold	**AM17844-AG**	2CLA620169N1601	1
Matt Gold	**AM17844-MG**	2CLA620169N1701	1
Dune Sand	**AM17844-DU**	2CLA620169N6201	1
Mocha Brown	**AM17844-MO**	2CLA620169N6601	1
White Glass	**AM17844-WG**	2CLA620169N3001	1
Black Glass	**AM17844-BG**	2CLA620169N3101	1

1 Gang push buttons - Premium rocker

	Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	**AM43044-ST**	2CLA620409N1101	1
	Push-button 1-gang, 1-way, SP premium w/bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker		
Stainless Steel	**AM42944-ST**	2CLA620449N1101	1

* Silk Black is not suitable for outdoors installation.

Millenium - Complete sets (AM)

2 Gang switches

Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX		
Stainless Steel	**AM10244-ST**	2CLA621109N1101	1
	Switch 2-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX		
Stainless Steel	**AM10644-ST**	2CLA622209N1101	1
	Switch 2-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX		
Stainless Steel	**AM11444-ST**	2CLA621119N1101	1
	Switch 2-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX		
Stainless Steel	**AM11644-ST**	2CLA622219N1101	1

3 Gang switches

Product	Article-No.	Order-No.	Pack/Qty
	Switch 3-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX Total		
Stainless Steel	**AM10753-ST**	2CLA630209N1101	1
	Switch 3-gang, 2-way, SP 16AX Rated voltage: 250Vac Rated current: 16AX Total		
Stainless Steel	**AM12153-ST**	2CLA630219N1101	1
	Push-button 3-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX Total		
Stainless Steel	**AM43053-ST**	2CLA630409N1101	1

4 Gang switches

	Switch 4-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 4 x 10AX		
Stainless Steel	**AM19188-ST**	2CLA640209N1101	1
	Switch 4-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 4 x 20AX		
Stainless Steel	**AM19588-ST**	2CLA640219N1101	1

Other

	Fan isolator 3 poles 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	**AM13444-ST**	2CLA620509N1101	1

Millenium - Complete sets (AM)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	BS SP switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Single pole switched Dual earth with child safety shutter system		
Stainless Steel	**AM23386-ST**	2CLA623739N1101	1
Silk Black	**AM23386-SB**	2CLA623739N1501	1
Antique Gold	**AM23386-AG**	2CLA623739N1601	1
Matt Gold	**AM23386-MG**	2CLA623739N1701	1
Dune Sand	**AM23386-DU**	2CLA623739N6201	1
Mocha Brown	**AM23386-MO**	2CLA623739N6601	1
White Glass	**AM23386-WG**	2CLA623739N3001	1
Black Glass	**AM23386-BG**	2CLA623739N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS SP switched socket outlet w/LED 13A Rated voltage: 250Vac Rated current: 13A Single pole switched Indicator LED Dual earth with child safety shutter system		
Stainless Steel	**AM23486-ST**	2CLA623749N1101	1
Silk Black	**AM23486-SB**	2CLA623749N1501	1
Antique Gold	**AM23486-AG**	2CLA623749N1601	1
Matt Gold	**AM23486-MG**	2CLA623749N1701	1
Dune Sand	**AM23486-DU**	2CLA623749N6201	1
Mocha Brown	**AM23486-MO**	2CLA623749N6601	1
White Glass	**AM23486-WG**	2CLA623749N3001	1
Black Glass	**AM23486-BG**	2CLA623749N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS DP switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Double pole switched Dual earth with child safety shutter system		
Stainless Steel	**AM23786-ST**	2CLA623719N1101	1
Silk Black	**AM23786-SB**	2CLA623719N1501	1
Antique Gold	**AM23786-AG**	2CLA623719N1601	1
Matt Gold	**AM23786-MG**	2CLA623719N1701	1
Dune Sand	**AM23786-DU**	2CLA623719N6201	1
Mocha Brown	**AM23786-MO**	2CLA623719N6601	1
White Glass	**AM23786-WG**	2CLA623719N3001	1
Black Glass	**AM23786-BG**	2CLA623719N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS DP switched socket outlet w/LED 13A Rated voltage: 250Vac Rated current: 13A Double pole switched Indicator LED Dual earth with child safety shutter system		
Stainless Steel	**AM23886-ST**	2CLA623729N1101	1
Silk Black	**AM23886-SB**	2CLA623729N1501	1
Antique Gold	**AM23886-AG**	2CLA623729N1601	1
Matt Gold	**AM23886-MG**	2CLA623729N1701	1
Dune Sand	**AM23886-DU**	2CLA623729N6201	1
Mocha Brown	**AM23886-MO**	2CLA623729N6601	1
White Glass	**AM23886-WG**	2CLA623729N3001	1
Black Glass	**AM23886-BG**	2CLA623729N3101	1

Millenium - Complete sets (AM)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	BS DP switched socket outlet, 2-gang 13A Rated voltage: 250Vac Rated current: 13A Double pole switched Dual earth with child safety shutter system		
Stainless Steel	**AM239147-ST**	2CLA643719N1101	1
Silk Black	**AM239147-SB**	2CLA643719N1501	1
Antique Gold	**AM239147-AG**	2CLA643719N1601	1
Matt Gold	**AM239147-MG**	2CLA643719N1701	1
Dune Sand	**AM239147-DU**	2CLA643719N6201	1
Mocha Brown	**AM239147-MO**	2CLA643719N6601	1
White Glass	**AM239147-WG**	2CLA643719N3001	1
Black Glass	**AM239147-BG**	2CLA643719N3101	1
	BS DP switched SO w/LED, 2-gang 13A Rated voltage: 250Vac Rated current: 13A Double pole switched Indicator LED Dual earth with child safety shutter system		
Stainless Steel	**AM240147-ST**	2CLA643729N1101	1
Silk Black	**AM240147-SB**	2CLA643729N1501	1
Antique Gold	**AM240147-AG**	2CLA643729N1601	1
Matt Gold	**AM240147-MG**	2CLA643729N1701	1
Dune Sand	**AM240147-DU**	2CLA643729N6201	1
Mocha Brown	**AM240147-MO**	2CLA643729N6601	1
White Glass	**AM240147-WG**	2CLA643729N3001	1
Black Glass	**AM240147-BG**	2CLA643729N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	Cooker control unit Rated voltage: 250Vac Main switch: Rated current: 45A Double pole switched Indicator LED Socket outlet: Rated current: 13A Child safety shutter system Indicator LED Flush wall box 45mm		
Stainless Steel	**AM118147-ST**	2CLA643749N1101	1
Silk Black	**AM118147-SB**	2CLA643749N1501	1
Antique Gold	**AM118147-AG**	2CLA643749N1601	1
Matt Gold	**AM118147-MG**	2CLA643749N1701	1
Dune Sand	**AM118147-DU**	2CLA643749N6201	1
Mocha Brown	**AM118147-MO**	2CLA643749N6601	1
White Glass	**AM118147-WG**	2CLA643749N3001	1
Black Glass	**AM118147-BG**	2CLA643749N3101	1

Millenium - Complete sets (AM)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	BS DP round pin switched outlet 5A Rated voltage: 250Vac Rated current: 5A Double pole switch Child safety shutter system		
Stainless Steel	**AM22186-ST**	2CLA623759N1101	1
Silk Black	**AM22186-SB**	2CLA623759N1501	1
Antique Gold	**AM22186-AG**	2CLA623759N1601	1
Matt Gold	**AM22186-MG**	2CLA623759N1701	1
Dune Sand	**AM22186-DU**	2CLA623759N6201	1
Mocha Brown	**AM22186-MO**	2CLA623759N6601	1
White Glass	**AM22186-WG**	2CLA623759N3001	1
Black Glass	**AM22186-BG**	2CLA623759N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS DP round pin switched outlet 15A Rated voltage: 250Vac Rated current: 15A Double pole switch Child safety shutter system		
Stainless Steel	**AM20986-ST**	2CLA623769N1101	1
Silk Black	**AM20986-SB**	2CLA623769N1501	1
Antique Gold	**AM20986-AG**	2CLA623769N1601	1
Matt Gold	**AM20986-MG**	2CLA623769N1701	1
Dune Sand	**AM20986-DU**	2CLA623769N6201	1
Mocha Brown	**AM20986-MO**	2CLA623769N6601	1
White Glass	**AM20986-WG**	2CLA623769N3001	1
Black Glass	**AM20986-BG**	2CLA623769N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS DP round pin switched outlet w/LED 15A Rated voltage: 250Vac Rated current: 15A Double pole switch Indicator LED Child safety shutter system		
Stainless Steel	**AM23186-ST**	2CLA623779N1101	1
Silk Black	**AM23186-SB**	2CLA623779N1501	1
Antique Gold	**AM23186-AG**	2CLA623779N1601	1
Matt Gold	**AM23186-MG**	2CLA623779N1701	1
Dune Sand	**AM23186-DU**	2CLA623779N6201	1
Mocha Brown	**AM23186-MO**	2CLA623779N6601	1
White Glass	**AM23186-WG**	2CLA623779N3001	1
Black Glass	**AM23186-BG**	2CLA623779N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	Universal switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Double pole switch Child safety shutter system		
Stainless Steel	**AM29486-ST**	2CLA623919N1101	1
Silk Black	**AM29486-SB**	2CLA623919N1501	1
Antique Gold	**AM29486-AG**	2CLA623919N1601	1
Matt Gold	**AM29486-MG**	2CLA623919N1701	1
Dune Sand	**AM29486-DU**	2CLA623919N6201	1
Mocha Brown	**AM29486-MO**	2CLA623919N6601	1
White Glass	**AM29486-WG**	2CLA623919N3001	1
Black Glass	**AM29486-BG**	2CLA623919N3101	1

Millenium - Complete sets (AM)

Socket outlets with USB charger

Product	Article-No.	Order-No.	Pack/Qty
	BS Single socket outlet 13A, with USB-Charger Type-C, DP switch Rated voltage: 250 Vac Rated current: 13A Double pole switch USB-C 18 W. with Advanced Charging Includes child safety shutter Includes frame and metal support with twin earth		
Stainless Steel	**AM24286-ST**	2CLA623799N1101	1
Silk Black	**AM24286-SB**	2CLA623799N1501	1
Antique Gold	**AM24286-AG**	2CLA623799N1601	1
Matt Gold	**AM24286-MG**	2CLA623799N1701	1
Dune Sand	**AM24286 DU**	2CLA623799N6201	1
Mocha Brown	**AM24286 MO**	2CLA623799N6601	1
White Glass	**AM24286-WG**	2CLA623799N3001	1
Black Glass	**AM24286-BG**	2CLA623799N3101	1
	BS Single socket outlet 13A, with USB-Charger Type-A, SP switch Rated voltage: 250Vac / 50-60 Hz Rated current: 13A Single pole switch USB charger type A: 10.5W (5V - 2.1A)		
Stainless Steel	**AM23586-ST**	2CLA623788N1101	1
Silk Black	**AM23586-SB**	2CLA623788N1501	1
Antique Gold	**AM23586-AG**	2CLA623788N1601	1
Matt Gold	**AM23586-MG**	2CLA623788N1701	1
Dune Sand	**AM23586-DU**	2CLA623788N6201	1
Mocha Brown	**AM23586-MO**	2CLA623788N6601	1
White Glass	**AM23586-WG**	2CLA623788N3001	1
Black Glass	**AM23586-BG**	2CLA623788N3101	1
	BS Single socket outlet 13A, with USB-Charger Type-A, unswitched Rated voltage: 250Vac / 50-60 Hz Rated current: 13A Unswitched USB charger type A: 10.5W (5V - 2.1A)		
Stainless Steel	**AM23686-ST**	2CLA623798N1101	1
Silk Black	**AM23686-SB**	2CLA623798N1501	1
Antique Gold	**AM23686-AG**	2CLA623798N1601	1
Matt Gold	**AM23686-MG**	2CLA623798N1701	1
Dune Sand	**AM23686-DU**	2CLA623798N6201	1
Mocha Brown	**AM23686-MO**	2CLA623798N6601	1
White Glass	**AM23686-WG**	2CLA623798N3001	1
Black Glass	**AM23686-BG**	2CLA623798N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	BS Double socket outlet 13A, with USB-Charger Type-C+A, DP switch Rated voltage: 250 Vac. Rated current: 13A Double pole switch USB-C 18 W. with Advanced Charging USB-A 18 W. (shared) Includes child safety shutter Includes frame and metal support with twin earth		
Stainless Steel	**AM242147-ST**	2CLA643799N1101	1
Silk Black	**AM242147-SB**	2CLA643799N1501	1
Antique Gold	**AM242147-AG**	2CLA643799N1601	1
Matt Gold	**AM242147-MG**	2CLA643799N1701	1
Dune Sand	**AM242147-DU**	2CLA643799N6201	1
Mocha Brown	**AM242147-MO**	2CLA643799N6601	1
White Glass	**AM242147-WG**	2CLA643799N3001	1
Black Glass	**AM242147-BG**	2CLA643799N3101	1
	BS Double socket outlet 13A, with USB-Charger Type-A, DP switch Rated voltage: 250Vac / 50-60 Hz Rated current: 13A Single pole switch USB charger type A: 13W (5V - 2.6A)		
Stainless Steel	**AM235147-ST**	2CLA643788N1101	1
Silk Black	**AM235147-SB**	2CLA643788N1501	1
Antique Gold	**AM235147-AG**	2CLA643788N1601	1
Matt Gold	**AM235147-MG**	2CLA643788N1701	1
Dune Sand	**AM235147-DU**	2CLA643788N6201	1
Mocha Brown	**AM235147-MO**	2CLA643788N6601	1
White Glass	**AM235147-WG**	2CLA643788N3001	1
Black Glass	**AM235147-BG**	2CLA643788N3101	1
	BS Double socket outlet 13A, with USB-Charger Type-A, unswitched Rated voltage: 250Vac / 50-60 Hz Rated current: 13A Unswitched USB charger type A: 13W (5V - 2.6A)		
Stainless Steel	**AM236147-ST**	2CLA643798N1101	1
Silk Black	**AM236147-SB**	2CLA643798N1501	1
Antique Gold	**AM236147-AG**	2CLA643798N1601	1
Matt Gold	**AM236147-MG**	2CLA643798N1701	1
Dune Sand	**AM236147-DU**	2CLA643798N6201	1
Mocha Brown	**AM236147-MO**	2CLA643798N6601	1
White Glass	**AM236147-WG**	2CLA643798N3001	1
Black Glass	**AM236147-BG**	2CLA643798N3101	1

Millenium - Complete sets (AM)
Fuse Connection Unit

Product	Article-No.	Order-No.	Pack/Qty
	Fuse connection unit w/flex outlet 13A Rated voltage: 230Vac. Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362		
Stainless Steel	**AM50653-ST**	2CLA630809N1101	1
Silk Black	**AM50653-SB**	2CLA630809N1501	1
Antique Gold	**AM50653-AG**	2CLA630809N1601	1
Matt Gold	**AM50653-MG**	2CLA630809N1701	1
Dune Sand	**AM50653-DU**	2CLA630809N6201	1
Mocha Brown	**AM50653-MO**	2CLA630809N6601	1
White Glass	**AM50653-WG**	2CLA630809N3001	1
Black Glass	**AM50653-BG**	2CLA630809N3101	1
	Fuse connection unit w/flex outlet w/LED 13A Rated voltage: 230Vac. Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362. Status indicator LED		
Stainless Steel	**AM50853-ST**	2CLA630859N1101	1
Silk Black	**AM50853-SB**	2CLA630859N1501	1
Antique Gold	**AM50853-AG**	2CLA630859N1601	1
Matt Gold	**AM50853-MG**	2CLA630859N1701	1
Dune Sand	**AM50853-DU**	2CLA630859N6201	1
Mocha Brown	**AM50853-MO**	2CLA630859N6601	1
White Glass	**AM50853-WG**	2CLA630859N3001	1
Black Glass	**AM50853-BG**	2CLA630859N3101	1
	Switched fuse connection unit w/flex outlet w/LED 13A Rated voltage: 230Vac. Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362. Status indicator LED		
Stainless Steel	**AM50753-ST**	2CLA630829N1101	1
Silk Black	**AM50753-SB**	2CLA630829N1501	1
Antique Gold	**AM50753-AG**	2CLA630829N1601	1
Matt Gold	**AM50753-MG**	2CLA630829N1701	1
Dune Sand	**AM50753-DU**	2CLA630829N6201	1
Mocha Brown	**AM50753-MO**	2CLA630829N6601	1
White Glass	**AM50753-WG**	2CLA630829N3001	1
Black Glass	**AM50753-BG**	2CLA630829N3101	1
	Flex outlet 20A Rated current: 20A		
Stainless Steel	**AM55044-ST**	2CLA620729N1101	1
Silk Black	**AM55044-SB**	2CLA620729N1501	1
Antique Gold	**AM55044-AG**	2CLA620729N1601	1
Matt Gold	**AM55044-MG**	2CLA620729N1701	1
Dune Sand	**AM55044-DU**	2CLA620729N6201	1
Mocha Brown	**AM55044-MO**	2CLA620729N6601	1
White Glass	**AM55044-WG**	2CLA620729N3001	1
Black Glass	**AM55044-BG**	2CLA620729N3101	1

Millenium - Complete sets (AM)
Flexible Outlets

Product	Article-No.	Order-No.	Pack/Qty
	Flex outlet 45A Rated current: 45A		
Anthracite P	**AM56086-AN**	2CLA620739N1801	1
White	**AM56086-WP**	2CLA620739N2001	1

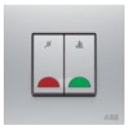
Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Double LED/Universal Rotary dimmer Rated voltage: 250Vac / 50-60 Hz Power (min./max load): - LEDi (trailing-edge lamps): 4 / 250 W/VA. - LEDi (leading-edge lamps): 4 / 60 W/VA.* - LV LEDi with transformer type C: 4 / 250 W/VA. - LV LEDi with transformer type LC: 4 / 60 W/VA.* - LV halogen with transformer type C: 4 / 250 W/VA. - LV halogen with transformer type LC: 4 / 250 W/VA. - Incandescent lamps: 4 / 250 W/VA. - Halogen lamps: 4 / 250 W/VA. *Max. 10 lamps.		
Stainless Steel	**AM41144-ST**	2CLA616049N1101	1
Silk Black	**AM41144-SB**	2CLA616049N1501	1
Antique Gold	**AM41144-AG**	2CLA616049N1601	1
Matt Gold	**AM41144-MG**	2CLA616049N1701	1
Dune Sand	**AM41144-DU**	2CLA616049N6201	1
Mocha Brown	**AM41144-MO**	2CLA616049N6601	1
White Glass	**AM41144-WG**	2CLA616049N3001	1
Black Glass	**AM41144-BG**	2CLA616049N3101	1
	Rotary dimmer Rated voltage: 250V~ +/-10 50 Hz. Min. power: 40W / VA. Max. power: - Incandescent lamps: 400W. - Halogen lamps with ferromagnetic transformers: 300 VA. Operating temperature: 0° C to +30° C.		
Stainless Steel	**AM41344-ST**	2CLA626039N1101	1
Silk Black	**AM41344-SB**	2CLA626039N1501	1
Antique Gold	**AM41344-AG**	2CLA626039N1601	1
Matt Gold	**AM41344-MG**	2CLA626039N1701	1
Dune Sand	**AM41344-DU**	2CLA626039N6201	1
Mocha Brown	**AM41344-MO**	2CLA626039N6601	1
White Glass	**AM41344-WG**	2CLA626039N3001	1
Black Glass	**AM41344-BG**	2CLA626039N3101	1

For more functions such as TV or data outlets, please see Modular system catalogue pages.

Millenium - Complete sets (AM)

Hotel equipment

Product	Article-No.	Order-No.	Pack/Qty
	Push button, DND/MUR with bell symbol 10A Rated voltage: 250Vac Rated current 10A Red LED: “Do Not Disturb” Green LED: “Make Up Room” Premium size rocker		
Stainless Steel	**AM40344-ST**	2CLA621589N1101	1
	**Switch 2-gang, DND/MUR 10AX** Rated voltage: 250Vac Rated current 10AX Red LED: “Do Not Disturb” Green LED: “Make Up Room” LED signaling		
Stainless Steel	**AM40444-ST**	2CLA621509N1101	1
	Switch blind control Rated voltage 250Vac Rated current 16AX Output: 2 normally open contact Multi-way input terminal (up/down)		
Stainless Steel	**AM11844-ST**	2CLA624419N1101	1
	Shaver socket outlet Rated voltage: 20VA / 230Vac Outputs: 115V and 230V Dimensions: 150x90x54mm Flush wall box not included (45mm depth minimum)		
Stainless Steel	**AM40188-ST**	2CLA680309N1101	1
Silk Black	**AM40188-SB**	2CLA680309N1501	1
Antique Gold	**AM40188-AG**	2CLA680309N1601	1
Matt Gold	**AM40188-MG**	2CLA680309N1701	1
Dune Sand	**AM40188-DU**	2CLA680309N6201	1
Mocha Brown	**AM40188-MO**	2CLA680309N6601	1
White Glass	**AM40188-WG**	2CLA680309N3001	1
Black Glass	**AM40188-BG**	2CLA680309N3101	1
	Flush mounting box For shaver socket outlet AM40188-XX Dimensions: 135,5 x 74 x 50 mm“		
	803.2	2CLA080320A1001	1

Product	Article-No.	Order-No.	Pack/Qty
	Electronic card switch 16AX Rated voltage: 250Vac Rated current: 16AX Includes indication LED Time relay : 5-90 sec. Cards up to 54 mm width.		
Stainless Steel	**AM40544-ST**	2CLA621459N1101	1
Silk Black	**AM40544-SB**	2CLA621459N1501	1
Antique Gold	**AM40544-AG**	2CLA621459N1601	1
Matt Gold	**AM40544-MG**	2CLA621459N1701	1
Dune Sand	**AM40544-DU**	2CLA621459N6201	1
Mocha Brown	**AM40544-MO**	2CLA621459N6601	1
White Glass	**AM40544-WG**	2CLA621459N3001	1
Black Glass	**AM40544-BG**	2CLA621459N3101	1
	Card switch 16AX Rated voltage: 250Vac Rated current: 16AX Includes indication LED		
Stainless Steel	**AM40244-ST**	2CLA621419N1101	1
Silk Black	**AM40244-SB**	2CLA621419N1501	1
Antique Gold	**AM40244-AG**	2CLA621419N1601	1
Matt Gold	**AM40244-MG**	2CLA621419N1701	1
Dune Sand	**AM40244-DU**	2CLA621419N6201	1
Mocha Brown	**AM40244-MO**	2CLA621419N6601	1
White Glass	**AM40244-WG**	2CLA621419N3001	1
Black Glass	**AM40244-BG**	2CLA621419N3101	1
	Spare Led for card switches Rated voltage: 250Vac Rated current: 0.7mA Frontal replacement.		
	AM50093-BL	2CLA619309N1001	1

Millenium - Modular System (AMD)

The modular system of Millenium (AMD) is a clever solution to allow users to combine different functions, frames and colors.

The functions can be combined with specific frames in order to complete the installation.

The table showing the full set of frames can be found at the end of the chapter.

Mounting Plate

Premium rocker switch

Frame

Standard rocker switch

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AMD10120-ST**	2CLA610100N1101	10
Silk Black	**AMD10120-SB**	2CLA610100N1501	10
Antique Gold	**AMD10120-AG**	2CLA610100N1601	10
Matt Gold	**AMD10120-MG**	2CLA610100N1701	10
Dune Sand	**AMD10120-DU**	2CLA610100N6201	10
Mocha Brown	**AMD10120-MO**	2CLA610100N6601	10
White Glass	**AMD10120-WG**	2CLA610100N3001	10
Black Glass	**AMD10120-BG**	2CLA610100N3101	10

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AMD10520-ST**	2CLA610200N1101	10
Silk Black	**AMD10520-SB**	2CLA610200N1501	10
Antique Gold	**AMD10520-AG**	2CLA610200N1601	10
Matt Gold	**AMD10520-MG**	2CLA610200N1701	10
Dune Sand	**AMD10520-DU**	2CLA610200N6201	10
Mocha Brown	**AMD10520-MO**	2CLA610200N6601	10
White Glass	**AMD10520-WG**	2CLA610200N3001	5
Black Glass	**AMD10520-BG**	2CLA610200N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, intermediate, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
Stainless Steel	**AMD11920-ST**	2CLA611000N1101	10
Silk Black	**AMD11920-SB**	2CLA611000N1501	10
Antique Gold	**AMD11920-AG**	2CLA611000N1601	10
Matt Gold	**AMD11920-MG**	2CLA611000N1701	10
Dune Sand	**AMD11920-DU**	2CLA611000N6201	10
Mocha Brown	**AMD11920-MO**	2CLA611000N6601	10
White Glass	**AMD11920-WG**	2CLA611000N3001	5
Black Glass	**AMD11920-BG**	2CLA611000N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
Stainless Steel	**AMD11020-ST**	2CLA610110N1101	10
Silk Black	**AMD11020-SB**	2CLA610110N1501	10
Antique Gold	**AMD11020-AG**	2CLA610110N1601	10
Matt Gold	**AMD11020-MG**	2CLA610110N1701	10
Dune Sand	**AMD11020-DU**	2CLA610110N6201	10
Mocha Brown	**AMD11020-MO**	2CLA610110N6601	10
White Glass	**AMD11020-WG**	2CLA610110N3001	10
Black Glass	**AMD11020-BG**	2CLA610110N3101	10

Millenium - Modular System (AMD)

Standard rocker switch and push buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
Stainless Steel	**AMD11520-ST**	2CLA610210N1101	10
Silk Black	**AMD11520-SB**	2CLA610210N1501	10
Antique Gold	**AMD11520-AG**	2CLA610210N1601	10
Matt Gold	**AMD11520-MG**	2CLA610210N1701	10
Dune Sand	**AMD11520-DU**	2CLA610210N6201	10
Mocha Brown	**AMD11520-MO**	2CLA610210N6601	10
White Glass	**AMD11520-WG**	2CLA610210N3001	5
Black Glass	**AMD11520-BG**	2CLA610210N3101	5
	Switch 1-gang, 1-way, DP 20AX Rated voltage: 250Vac Rated current: 20AX Status indicator LED		
Stainless Steel	**AMD11120-ST**	2CLA610130N1101	10
Silk Black	**AMD11120-SB**	2CLA610130N1501	10
Antique Gold	**AMD11120-AG**	2CLA610130N1601	10
Matt Gold	**AMD11120-MG**	2CLA610130N1701	10
Dune Sand	**AMD11120-DU**	2CLA610130N6201	10
Mocha Brown	**AMD11120-MO**	2CLA610130N6601	10
White Glass	**AMD11120-WG**	2CLA610130N3001	5
Black Glass	**AMD11120-BG**	2CLA610130N3101	5
	Switch 1-gang, 1-way, DP water heater 20AX Rated voltage: 250Vac Rated current: 20AX Water heater indicator LED		
Stainless Steel	**AMD10920-ST**	2CLA610140N1101	10
Silk Black	**AMD10920-SB**	2CLA610140N1501	10
Antique Gold	**AMD10920-AG**	2CLA610140N1601	10
Matt Gold	**AMD10920-MG**	2CLA610140N1701	10
Dune Sand	**AMD10920-DU**	2CLA610140N6201	10
Mocha Brown	**AMD10920-MO**	2CLA610140N6601	10
White Glass	**AMD10920-WG**	2CLA610140N3001	5
Black Glass	**AMD10920-BG**	2CLA610140N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, 1-way, SP 10A Rated voltage: 250Vac Rated current: 10A		
Stainless Steel	**AMD43020-ST**	2CLA610400N1101	10
Silk Black	**AMD43020-SB**	2CLA610400N1501	10
Antique Gold	**AMD43020-AG**	2CLA610400N1601	10
Matt Gold	**AMD43020-MG**	2CLA610400N1701	10
Dune Sand	**AMD43020-DU**	2CLA610400N6201	10
Mocha Brown	**AMD43020-MO**	2CLA610400N6601	10
White Glass	**AMD43020-WG**	2CLA610400N3001	5
Black Glass	**AMD43020-BG**	2CLA610400N3101	5
	Push-button 1-gang, 1-way, SP with bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED		
Stainless Steel	**AMD42920-ST**	2CLA610440N1101	10
Silk Black	**AMD42920-SB**	2CLA610440N1501	10
Antique Gold	**AMD42920-AG**	2CLA610440N1601	10
Matt Gold	**AMD42920-MG**	2CLA610440N1701	10
Dune Sand	**AMD42920-DU**	2CLA610440N6201	10
Mocha Brown	**AMD42920-MO**	2CLA610440N6601	10
White Glass	**AMD42920-WG**	2CLA610440N3001	5
Black Glass	**AMD42920-BG**	2CLA610440N3101	5
	For use with: AM11120-XX, AMD11120-XX, AM18120-XX, AMD18120-XX, AM42920-XX, AMD42920-XX, AM42944-XX and AMD42944-XX.		
Key symbol	**AM50100-CH**	2CLA600100N1101	10
Fan symbol	**AM50200-CH**	2CLA600100N1201	10
Wc symbol	**AM50300-CH**	2CLA600100N1301	10
Room service symbol	**AM50400-CH**	2CLA600100N1401	10
Nurse symbol	**AM50500-CH**	2CLA600100N1501	10
Stop symbol	**AM50600-CH**	2CLA600100N1601	10

Millenium - Modular System (AMD)

Premium rocker switch and push buttons

Switch 1-gang, 1-way, SP premium 10AX
Rated voltage: 250Vac
Rated current: 10AX
Premium size rocker

Product	Article-No.	Order-No.	Pack/Qty
Stainless Steel	**AMD10144-ST**	2CLA620100N1101	10
Silk Black	**AMD10144-SB**	2CLA620100N1501	10
Antique Gold	**AMD10144-AG**	2CLA620100N1601	10
Matt Gold	**AMD10144-MG**	2CLA620100N1701	10
Dune Sand	**AMD10144-DU**	2CLA620100N6201	10
Mocha Brown	**AMD10144-MO**	2CLA620100N6601	10
White Glass	**AMD10144-WG**	2CLA620100N3001	5
Black Glass	**AMD10144-BG**	2CLA620100N3101	5

Switch 1-gang, 2-way, SP premium 10AX
Rated voltage: 250Vac
Rated current: 10AX
Premium size rocker

Product	Article-No.	Order-No.	Pack/Qty
Stainless Steel	**AMD10544-ST**	2CLA620200N1101	10
Silk Black	**AMD10544-SB**	2CLA620200N1501	10
Antique Gold	**AMD10544-AG**	2CLA620200N1601	10
Matt Gold	**AMD10544-MG**	2CLA620200N1701	10
Dune Sand	**AMD10544-DU**	2CLA620200N6201	10
Mocha Brown	**AMD10544-MO**	2CLA620200N6601	10
White Glass	**AMD10544-WG**	2CLA620200N3001	5
Black Glass	**AMD10544-BG**	2CLA620200N3101	5

Switch 1-gang, intermediate, SP premium 10AX
Rated voltage: 250Vac
Rated current: 10AX
Premium size rocker

Product	Article-No.	Order-No.	Pack/Qty
Stainless Steel	**AMD11944-ST**	2CLA621000N1101	10
Silk Black	**AMD11944-SB**	2CLA621000N1501	10
Antique Gold	**AMD11944-AG**	2CLA621000N1601	10
Matt Gold	**AMD11944-MG**	2CLA621000N1701	10
Dune Sand	**AMD11944-DU**	2CLA621000N6201	10
Mocha Brown	**AMD11944-MO**	2CLA621000N6601	10
White Glass	**AMD11944-WG**	2CLA621000N3001	5
Black Glass	**AMD11944-BG**	2CLA621000N3101	5

Switch 1-gang, 1-way, SP premium 20AX
Rated voltage: 250Vac
Rated current: 20AX
Premium size rocker

Product	Article-No.	Order-No.	Pack/Qty
Stainless Steel	**AMD11044-ST**	2CLA620110N1101	10
Silk Black	**AMD11044-SB**	2CLA620110N1501	10
Antique Gold	**AMD11044-AG**	2CLA620110N1601	10
Matt Gold	**AMD11044-MG**	2CLA620110N1701	10
Dune Sand	**AMD11044-DU**	2CLA620110N6201	10
Mocha Brown	**AMD11044-MO**	2CLA620110N6601	10
White Glass	**AMD11044-WG**	2CLA620110N3001	5
Black Glass	**AMD11044-BG**	2CLA620110N3101	5

Switch 1-gang, 2-way, SP premium 20AX
Rated voltage: 250Vac
Rated current: 20AX
Premium size rocker

Product	Article-No.	Order-No.	Pack/Qty
Stainless Steel	**AMD11544-ST**	2CLA620210N1101	10
Silk Black	**AMD11544-SB**	2CLA620210N1501	10
Antique Gold	**AMD11544-AG**	2CLA620210N1601	10
Matt Gold	**AMD11544-MG**	2CLA620210N1701	10
Dune Sand	**AMD11544-DU**	2CLA620210N6201	10
Mocha Brown	**AMD11544-MO**	2CLA620210N6601	10
White Glass	**AMD11544-WG**	2CLA620210N3001	5
Black Glass	**AMD11544-BG**	2CLA620210N3101	5

Millenium - Modular System (AMD)

Premium rocker switch and push buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, DP premium 20AX w/LED Rated voltage: 250Vac Rated current: 20A Status indicator LED Premium size rocker		
Stainless Steel	**AMD11140-ST**	2CLA620130N1101	10
Silk Black	**AMD11140-SB**	2CLA620130N1501	10
Antique Gold	**AMD11140-AG**	2CLA620130N1601	10
Matt Gold	**AMD11140-MG**	2CLA620130N1701	10
Dune Sand	**AMD11140-DU**	2CLA620130N6201	10
Mocha Brown	**AMD11140-MO**	2CLA620130N6601	10
White Glass	**AMD11140-WG**	2CLA620130N3001	5
Black Glass	**AMD11140-BG**	2CLA620130N3101	5
	Switch 1-gang, 1-way, DP premium 32A w/LED Rated voltage: 250Vac Rated current: 32A Status indicator LED Premium size rocker		
Stainless Steel	**AMD11240-ST**	2CLA620180N1101	10
Silk Black	**AMD11240-SB**	2CLA620180N1501	10
Antique Gold	**AMD11240-AG**	2CLA620180N1601	10
Matt Gold	**AMD11240-MG**	2CLA620180N1701	10
Dune Sand	**AMD11240-DU**	2CLA620180N6201	10
Mocha Brown	**AMD11240-MO**	2CLA620180N6601	10
White Glass	**AMD11240-WG**	2CLA620180N3001	5
Black Glass	**AMD11240-BG**	2CLA620180N3101	5
	Fan isolator 3 poles double 10A Rated voltage: 250Vac Rated power: 10A 3 poles		
Stainless Steel	**AMD13444-ST**	2CLA620500N1101	10
Silk Black	**AMD13444-SB**	2CLA620500N1501	10
Antique Gold	**AMD13444-AG**	2CLA620500N1601	10
Matt Gold	**AMD13444-MG**	2CLA620500N1701	10
Dune Sand	**AMD13444-DU**	2CLA620500N6201	10
Mocha Brown	**AMD13444-MO**	2CLA620500N6601	10
White Glass	**AMD13444-WG**	2CLA620500N3001	5
Black Glass	**AMD13444-BG**	2CLA620500N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	**AMD43044-ST**	2CLA620400N1101	10
Silk Black	**AMD43044-SB**	2CLA620400N1501	10
Antique Gold	**AMD43044-AG**	2CLA620400N1601	10
Matt Gold	**AMD43044-MG**	2CLA620400N1701	10
Dune Sand	**AMD43044-DU**	2CLA620400N6201	10
Mocha Brown	**AMD43044-MO**	2CLA620400N6601	10
White Glass	**AMD43044-WG**	2CLA620400N3001	5
Black Glass	**AMD43044-BG**	2CLA620400N3101	5
	Push-button 1-gang, 1-way, SP premium 10A w/bell symbol Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker		
Stainless Steel	**AMD42944-ST**	2CLA620440N1101	10
Silk Black	**AMD42944-SB**	2CLA620440N1501	10
Antique Gold	**AMD42944-AG**	2CLA620440N1601	10
Matt Gold	**AMD42944-MG**	2CLA620440N1701	10
Dune Sand	**AMD42944-DU**	2CLA620440N6201	10
Mocha Brown	**AMD42944-MO**	2CLA620440N6601	10
White Glass	**AMD42944-WG**	2CLA620440N3001	5
Black Glass	**AMD42944-BG**	2CLA620440N3101	5

Millenium - Modular System (AMD)

Half/double rocker switches and push buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	**AMD10222-ST**	2CLA680100N1101	10
Silk Black	**AMD10222-SB**	2CLA680100N1501	10
Antique Gold	**AMD10222-AG**	2CLA680100N1601	10
Matt Gold	**AMD10222-MG**	2CLA680100N1701	10
Dune Sand	**AMD10222-DU**	2CLA680100N6201	10
Mocha Brown	**AMD10222-MO**	2CLA680100N6601	10
White Glass	**AMD10222-WG**	2CLA680100N3001	5
Black Glass	**AMD10222-BG**	2CLA680100N3101	5
	Switch 1-gang, 2-way, SP half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	**AMD10622-ST**	2CLA680200N1101	10
Silk Black	**AMD10622-SB**	2CLA680200N1501	10
Antique Gold	**AMD10622-AG**	2CLA680200N1601	10
Matt Gold	**AMD10622-MG**	2CLA680200N1701	10
Dune Sand	**AMD10622-DU**	2CLA680200N6201	10
Mocha Brown	**AMD10622-MO**	2CLA680200N6601	10
White Glass	**AMD10622-WG**	2CLA680200N3001	5
Black Glass	**AMD10622-BG**	2CLA680200N3101	5
	Switch 1-gang, intermediate, SP half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	**AMD12922-ST**	2CLA681000N1101	10
Silk Black	**AMD12922-SB**	2CLA681000N1501	10
Antique Gold	**AMD12922-AG**	2CLA681000N1601	10
Matt Gold	**AMD12922-MG**	2CLA681000N1701	10
Dune Sand	**AMD12922-DU**	2CLA681000N6201	10
Mocha Brown	**AMD12922-MO**	2CLA681000N6601	10
White Glass	**AMD12922-WG**	2CLA681000N3001	5
Black Glass	**AMD12922-BG**	2CLA681000N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP half rocker 20AX Rated voltage: 250Vac Rated current: 20AX Half rocker size		
Stainless Steel	**AMD11422-ST**	2CLA680110N1101	10
Silk Black	**AMD11422-SB**	2CLA680110N1501	10
Antique Gold	**AMD11422-AG**	2CLA680110N1601	10
Matt Gold	**AMD11422-MG**	2CLA680110N1701	10
Dune Sand	**AMD11422-DU**	2CLA680110N6201	10
Mocha Brown	**AMD11422-MO**	2CLA680110N6601	10
White Glass	**AMD11422-WG**	2CLA680110N3001	5
Black Glass	**AMD11422-BG**	2CLA680110N3101	5
	Switch 1-gang, 2-way, SP half rocker 20AX Rated voltage: 250Vac Rated current: 20AX Half rocker size		
Stainless Steel	**AMD11622-ST**	2CLA680210N1101	10
Silk Black	**AMD11622-SB**	2CLA680210N1501	10
Antique Gold	**AMD11622-AG**	2CLA680210N1601	10
Matt Gold	**AMD11622-MG**	2CLA680210N1701	10
Dune Sand	**AMD11622-DU**	2CLA680210N6201	10
Mocha Brown	**AMD11622-MO**	2CLA680210N6601	10
White Glass	**AMD11622-WG**	2CLA680210N3001	5
Black Glass	**AMD11622-BG**	2CLA680210N3101	5

Millenium - Modular System (AMD)

Half/double rocker switches and push buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, DP half rocker 20AX w/LED, Left-side Rated voltage: 250Vac Rated current: 20A Status indicator LED Half rocker size – Left-side rocker		
Stainless Steel	**AMD11722-ST**	2CLA680220N1101	10
Silk Black	**AMD11722-SB**	2CLA680220N1501	10
Antique Gold	**AMD11722-AG**	2CLA680220N1601	10
Matt Gold	**AMD11722-MG**	2CLA680220N1701	10
Dune Sand	**AMD11722-DU**	2CLA680220N6201	10
Mocha Brown	**AMD11722-MO**	2CLA680220N6601	10
White Glass	**AMD11722-WG**	2CLA680220N3001	5
Black Glass	**AMD11722-BG**	2CLA680220N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, DP half rocker 20AX w/LED, Right-side Rated voltage: 250Vac Rated current: 20A Status indicator LED Half rocker size – Right-side rocker		
Stainless Steel	**AMD11822-ST**	2CLA680230N1101	10
Silk Black	**AMD11822-SB**	2CLA680230N1501	10
Antique Gold	**AMD11822-AG**	2CLA680230N1601	10
Matt Gold	**AMD11822-MG**	2CLA680230N1701	10
Dune Sand	**AMD11822-DU**	2CLA680230N6201	10
Mocha Brown	**AMD11822-MO**	2CLA680230N6601	10
White Glass	**AMD11822-WG**	2CLA680230N3001	5
Black Glass	**AMD11822-BG**	2CLA680230N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Push button 1-gang, 1-way, SP half rocker 10A Rated voltage: 250Vac Rated current: 10A Half rocker size		
Stainless Steel	**AMD43222-ST**	2CLA680400N1101	10
Silk Black	**AMD43222-SB**	2CLA680400N1501	10
Antique Gold	**AMD43222-AG**	2CLA680400N1601	10
Matt Gold	**AMD43222-MG**	2CLA680400N1701	10
Dune Sand	**AMD43222-DU**	2CLA680400N6201	10
Mocha Brown	**AMD43222-MO**	2CLA680400N6601	10
White Glass	**AMD43222-WG**	2CLA680400N3001	5
Black Glass	**AMD43222-BG**	2CLA680400N3101	5

Millenium - Modular System (AMD)

Triple rocker switches and push buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 3-gang, 2-way, triple rocker 10AX Rated voltage: 250Vac Rated power: 10AX Total		
Stainless Steel	**AMD10753-ST**	2CLA630200N1101	10
Silk Black	**AMD10753-SB**	2CLA630200N1501	10
Antique Gold	**AMD10753-AG**	2CLA630200N1601	10
Matt Gold	**AMD10753-MG**	2CLA630200N1701	10
Dune Sand	**AMD10753-DU**	2CLA630200N6201	10
Mocha Brown	**AMD10753-MO**	2CLA630200N6601	10
White Glass	**AMD10753-WG**	2CLA630200N3001	5
Black Glass	**AMD10753-BG**	2CLA630200N3101	5
	Switch 3-gang, 2-way, triple rocker 16AX Rated voltage: 250Vac Rated power: 16AX Total		
Stainless Steel	**AMD12153-ST**	2CLA630210N1101	10
Silk Black	**AMD12153-SB**	2CLA630210N1501	10
Antique Gold	**AMD12153-AG**	2CLA630210N1601	10
Matt Gold	**AMD12153-MG**	2CLA630210N1701	10
Dune Sand	**AMD12153-DU**	2CLA630210N6201	10
Mocha Brown	**AMD12153-MO**	2CLA630210N6601	10
White Glass	**AMD12153-WG**	2CLA630210N3001	5
Black Glass	**AMD12153-BG**	2CLA630210N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Push button 3-gang, 1-way, triple rocker 10AX Rated voltage: 250Vac Rated power: 10AX Total		
Stainless Steel	**AMD43053-ST**	2CLA630400N1101	10
Silk Black	**AMD43053-SB**	2CLA630400N1501	10
Antique Gold	**AMD43053-AG**	2CLA630400N1601	10
Matt Gold	**AMD43053-MG**	2CLA630400N1701	10
Dune Sand	**AMD43053-DU**	2CLA630400N6201	10
Mocha Brown	**AMD43053-MO**	2CLA630400N6601	10
White Glass	**AMD43053-WG**	2CLA630400N3001	5
Black Glass	**AMD43053-BG**	2CLA630400N3101	5

Millenium - Modular System (AMD)

Function | Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Universal rotary dimmer – 1M Rated voltage: 230 Vac ± 10% Frequency: 50-60Hz Power (min./max load): - LEDi (trailing-edge lamps), LV LEDi with transformer type C, LV halogen with transformer (type C or LC) and incandescent and halogen lamps: 4/250 W/VA. - LEDi (leading-edge lamps) and LV LEDi with transformer type LC: 4/60W/VA* * Max. 10 lamps Load selection 2 or 3 wire connection OFF position Electronic back-up fuse and overload protection Ambient temperature: 0° C to +35° C		
Anthracite P.	**N2160.3 AP**	2CLA216030B1001	1
White	**N2160.3 BL**	2CLA216030B1101	1

Product	Article-No.	Order-No.	Pack/Qty
	Universal rotary dimmer – 2M Rated voltage: 230 Vac ± 10% Frequency: 50Hz (250W/VA) / 60Hz (200W/VA) Power (min./max load): - LEDi, dimmable CFL and LV LEDi with transformer (L or LC): 2/100W/VA* - Incandescent and halogen lamps: 10/250W/VA - LV halogen w/transformer (L or LC): 10/250W/VA* * max. 10 lamps 2 wire connection Optional: auxiliary on/off with 2-way switch N2X02 Indicator LED lamp included Electronic back-up fuse and overload protection Ambient temperature 0° C to +35° C		
Anthracite P.	**N2260.3 AP**	2CLA226030B1001	1
White	**N2260.3 BL**	2CLA226030B1101	1
	1-10V rotary dimmer - 2M Rated voltage: 127 - 230 Vac / 50-60Hz Dimmable electronic ballast/driver 1-10V control input. Max. power (max. 6 ballasts per device): 700 VA @ 230 Vac / 350 VA @ 127 Vac Indicator LED lamp included.		
Anthracite P.	**N2260.9 AP**	2CLA226090B1001	1
White	**N2260.9 BL**	2CLA226090B1101	1

Millenium - Modular System (AMD)

Function | Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Insert - Modular BS socket outlet Rated voltage: 250 Vac Rated current: 13A Type G: 2P + E Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2237 AP**	2CLA223700B1001	10
White	**N2237 BL**	2CLA223700B1101	10
	Insert - Modular Schuko socket outlet Rated voltage: 250 Vac Rated current: 16A Type F: 2P + E Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2288 AP**	2CLA228800B1001	10
White	**N2288 BL**	2CLA228800B1101	10
	Insert - Modular Universal socket outlet Rated voltage: 250 Vac / 125 Vac Rated current: 16A / 13A Multiple type: 2P + E Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2239 AP**	2CLA223900B1001	10
White	**N2239 BL**	2CLA223900B1101	10
	Insert - Modular Euro-American socket outlet Rated voltage: 250 Vac / 125 Vac Rated current: 16A / 13A Type B+C: 2P / NEMA 5-15R Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2238 AP**	2CLA223800B1001	10
White	**N2238 BL**	2CLA223800B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	Insert - Modular Italian socket outlet Rated voltage: 250 Vac Rated current: 16A Type L: 2P + E / P17/11 Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2133 AP**	2CLA213300B1001	20
White	**N2133 BL**	2CLA213300B1101	20
	Insert - Modular Euro-American socket outlet 22 x 44 Rated voltage: 250 Vac / 125 Vac Rated current: 16A / 15A Type B 2P / NEMA 5-15R Includes child safety shutter Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2138 AP**	2CLA213800B1001	20
White	**N2138 BL**	2CLA213800B1101	20

Millenium - Modular System (AMD)

Function | USB chargers

Product	Article-No.	Order-No.	Pack/Qty
	USB charger Type A+C 18W **250 Vac / 50-60 Hz** USB charger (Type C): Max. Power output: 18W Output voltage: 5 ... 9 Vdc. Output current: 3 ... 1.5 A. Charging Protocols: PD 3.0: Yes QC 4: Yes BC1.2: Yes MFI: Yes USB charger (Type A): Max Power output: 10.5 W Output voltage: 5 Vdc Output current: 2.1 A Frame AMD5144-XX & AMD5244-XX.		
Anthracite P.	**N2285.1 AP**	2CLA228510B1001	1
White	**N2285.1 BL**	2CLA228510B1101	1

Product	Article-No.	Order-No.	Pack/Qty
	USB charger Type-A 10W 250 Vac / 50-60 Hz USB charger (Type A): Max. Power output: 10.5W Output voltage: 5 Vdc Output current: 2.1 A Charging Protocols: PD 3.0: No QC 4: No BC1.2: Yes MFI: Yes Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2185.2 AP**	2CLA218520B1001	1
White	**N2185.2 BL**	2CLA218520B1101	1

Millenium - Modular System (AMD)

Function I TV/SAT outlets

Product	Article-No.	Order-No.	Pack/Qty
	TV terminal outlet M-type - 22 x44 Single TV outlet - Dead-end M type - 9.52 mm male For 75Ω impedance coaxial cable Avoid small bending radius Frequency range: 5 - 2.400 Mhz Connection loss: 1 dB Isolation: >16 dB Return loss: >7,6 dB DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz-DiSEqC Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2150.7 AP**	2CLA215070B1001	10
White	**N2150.7 BL**	2CLA215070B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	TV terminal F-type screw-in 22 x 44 Single TV outlet F type - female For 75 Ω impedance coaxial cable Frequency range: 0 - 2.0 Working voltage: 250 VRMS max. 00 Mhz Dielectric withstanding voltage: 500 VRMS min. Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2150 AP**	2CLA215000B1001	10
White	**N2150 BL**	2CLA215000B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	TV outlet M-type + SAT F-Type dead-end 22 x 44 Single TV outlet - Dead end - TV: M type - 9.52 mm male - SAT: F type - female For 75 Ω impedance coaxial cable Frequency range (TV / SAT): 5 - 862 Mhz / 950 - 2.400 MHz Output loss (TV / SAT): 1dB/1dB Through loss (TV / SAT): 4dB/4dB DC path (Vdc / mA / Tono): 34 max. / 500 max./ 22kHz - DiSEqC. Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2151.7 AP**	2CLA215170B1001	10
White	**N2151.7 BL**	2CLA215170B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	TV terminal M-type 44 x 44 Single TV outlet - Dead-end M type - 9.52 mm. male For 75Ω impedance coaxial cable Avoid small bending radius Frequency range: 5 - 2.400 Mhz Connection loss: 1 dB Isolation: >16 dB Return loss: >7.6 dB DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz- DiSEqC Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2250.7 AP**	2CLA225070B1001	10
White	**N2250.7 BL**	2CLA225070B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	TV/SAT outlet F-type screw-in 44 x 44 Single TV outlet F type - female For 75 Ω impedance coaxial cable Frequency range: 0 - 2.000 Mhz Working voltage: 250 VRMS max. Dielectric withstanding voltage: 500 VRMS min. Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2250 AP**	2CLA225000B1001	10
White	**N2250 BL**	2CLA225000B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	TV outlet M-type + SAT F-Type intermediate 22 x 44 Single TV outlet - intermediate - TV: M type - 9.52 mm male - SAT: F type - female For 75 Ω impedance coaxial cable Frequency range (TV / SAT): 5 - 862 Mhz / 950 - 2.400 MHz. Output loss (TV / SAT): 1 dB / 1 dB. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC.. Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2151.7 AP**	2CLA215180B1001	10
White	**N2151.7 BL**	2CLA215180B1101	10

Millenium - Modular System (AMD)

Function I Data and telephone outlets

Product	Article-No.	Order-No.	Pack/Qty
	Phone outlet RJ45 Cat6A 22 x 44 8 pole Cat 6A STP Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2118.7 AP**	2CLA211870B1001	10
White	**N2118.7 BL**	2CLA211870B1101	10
	Phone outlet RJ45 Cat6 22 x 44 Data outlet RJ45 Cat6 22 x 44 8 pole Cat 6 UTP Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2118.6 AP**	2CLA211860B1001	10
White	**N2118.6 BL**	2CLA211860B1101	10
	Phone outlet RJ12 22 x 44 RJ12 type connection 6 contacts Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2117.6 AP**	2CLA211760B1001	10
White	**N2117.6 BL**	2CLA211760B1101	10

Product	Article-No.	Order-No.	Pack/Qty
	Phone outlet RJ45 Cat 6A 44 x 44 8 pole Cat 6A STP Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2218.7 AP**	2CLA221870B1001	10
White	**N2218.7 BL**	2CLA221870B1101	10
	Phone outlet RJ45 Cat6 44 x 44 Data outlet RJ45 Cat6 44 x 44 8 pole Cat 6 UTP Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2218.6 AP**	2CLA221860B1001	10
White	**N2218.6 BL**	2CLA221860B1101	10
	Phone outlet RJ12 44 x 44 RJ12 type connection 6 contacts Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2217.6 AP**	2CLA221760B1001	10
White	**N2217.6 BL**	2CLA221760B1101	10

Millenium - Modular System (AMD)

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty
	Inclined cover plate with shutter for RJ45 connector 1-gang Cover plate for one data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3) With labeling area for stickers With shutter Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
Anthracite P	**AMD33544-AN**	2CLA621670N1801	5
White	**AMD33544-WP**	2CLA621670N2001	5
	Inclined cover plate with shutter for RJ45 connector 2-gang Cover plate for two data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3) With labeling area for stickers With shutter Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
Anthracite P	**AMD33644-AN**	2CLA621680N1801	5
White	**AMD33644-WP**	2CLA621680N2001	5
	Flat cover plate with shutter for RJ45 connector 1-gang Cover plate for one data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3) With labeling area for stickers With shutter Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
Anthracite P	**AMD33144-AN**	2CLA621630N1801	10
White	**AMD33144-WP**	2CLA621630N2001	10
	Flat cover plate with shutter for RJ45 connector 2-gang Cover plate for two data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3) With labeling area for stickers With shutter Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
Anthracite P	**AMD33244-AN**	2CLA621640N1801	10
White	**AMD33244-WP**	2CLA621640N2001	10

Product	Article-No.	Order-No.	Pack/Qty
	RJ45 Keystone, 3M & AMP system adaptor Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
	AMD6016	2CLA601600A1001	10
	RJ45 Systimax system adaptor Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
	AMD6016.1	2CLA601610A1001	10
	RJ45 Panduit system adaptor Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
	AMD6016.2	2CLA601620A1001	10
	RJ45 R&M system adaptor Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444		
	AMD6016.3	2CLA601630A1001	10

Millenium - Modular System (AMD)

Connectors, blank plates and bell function

Product	Article-No.	Order-No.	Pack/Qty
	2RCA connection unit Front: 2x RCA connectors (Red / White) Rear: screw terminals (4 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55222-AN**	2CLA615520N1801	1
White	**AMD55222-WP**	2CLA615520N2001	1
	3RCA connection unit Front: 3x RCA connectors (Red / White / Yellow) Rear: screw terminals (6 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55322-AN**	2CLA615530N1801	1
White	**AMD55322-WP**	2CLA615530N2001	1
	Mini-Jack connection unit Front: 1x Mini-Jack connector (3,5mm stereo audio jack) Rear: screw terminals (3/4 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55422-AN**	2CLA615540N1801	1
White	**AMD55422-WP**	2CLA615540N2001	1
	VGA connection unit Front: 1x VGA connector (DE-15 connector) Rear: screw terminals (15 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55522-AN**	2CLA615550N1801	1
White	**AMD55522-WP**	2CLA615550N2001	1
	HDMI connector female Front: 1x HDMI connector (Type A connector) Rear: 1x HDMI connector (Type A connector) fitted at 90º angle Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55722-AN**	2CLA615570N1801	5
White	**AMD55722-WP**	2CLA615570N2001	1
	USB connector female USB adaptor. No charger Front: 1x USB 2.0 connector (Type A connector) Rear: 1x USB 2.0 connector (Type A connector) fitted at 90º angle Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD55922-AN**	2CLA615590N1801	1
White	**AMD55922-WP**	2CLA615590N2001	1

Product	Article-No.	Order-No.	Pack/Qty
	Blank cover plate – 1M Flat blank plate Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2100 AP**	2CLA210000B1001	1
White	**N2100 BL**	2CLA210000B1101	1
	Blank cover plate – 2M Flat blank plate Frame AMD5144-XX & AMD5244-XX		
Anthracite P.	**N2200 AP**	2CLA220000B1001	1
White	**N2200 BL**	2CLA220000B1101	1
	Buzzer - 2M Rated voltage: 127-230 Vac ; 50-60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD19144-AN**	2CLA621900N1801	5
White	**AMD19144-WP**	2CLA621900N2001	5
	Electronic door bell 230Vac - 2M Rated voltage: 230 Vac ; 50-60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD24144-AN**	2CLA622400N1801	5
White	**AMD24144-WP**	2CLA622400N2001	5

Millenium - Modular System (AMD)

Function | Hospitality

Product	Article-No.	Order-No.	Pack/Qty
	Push button 2-gang, DND/MUR with bell symbol 10A Rated voltage: 250Vac Rated power: 10A “Do Not Disturb” “Make Up my Room” LED signalling		
Stainless Steel	**AMD40344-ST**	2CLA621580N1101	5
Silk Black	**AMD40344-SB**	2CLA621580N1501	5
Antique Gold	**AMD40344-AG**	2CLA621580N1601	5
Matt Gold	**AMD40344-MG**	2CLA621580N1701	5
Dune Sand	**AMD40344-DU**	2CLA621580N6201	5
Mocha Brown	**AMD40344-MO**	2CLA621580N6601	5
White Glass	**AMD40344-WG**	2CLA621580N3001	5
Black Glass	**AMD40344-BG**	2CLA621580N3101	5
	Switch 2-gang, DND/MUR 10AX Rated voltage: 250Vac Rated power: 10AX “Do Not Disturb” “Make Up my Room” LED signalling		
Stainless Steel	**AMD40444-ST**	2CLA621500N1101	5
Silk Black	**AMD40444-SB**	2CLA621500N1501	5
Antique Gold	**AMD40444-AG**	2CLA621500N1601	5
Matt Gold	**AMD40444-MG**	2CLA621500N1701	5
Dune Sand	**AMD40444-DU**	2CLA621500N6201	5
Mocha Brown	**AMD40444-MO**	2CLA621500N6601	5
White Glass	**AMD40444-WG**	2CLA621500N3001	5
Black Glass	**AMD40444-BG**	2CLA621500N3101	5
	Switch blind control Rated voltage: 250Vac Rated power: 16AX Output: 2 normally open contact Multi-way input terminal (up/down)		
Stainless Steel	**AMD11844-ST**	2CLA624410N1101	10
Silk Black	**AMD11844-SB**	2CLA624410N1501	10
Antique Gold	**AMD11844-AG**	2CLA624410N1601	10
Matt Gold	**AMD11844-MG**	2CLA624410N1701	10
Dune Sand	**AMD11844-DU**	2CLA624410N6201	10
Mocha Brown	**AMD11844-MO**	2CLA624410N6601	10
White Glass	**AMD11844-WG**	2CLA624410N3001	5
Black Glass	**AMD11844-BG**	2CLA624410N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Card switch 16AX Rated voltage: 250 Vac Rated current: 16AX Max. power: iLED 200W. Includes LED indicator Function size: 44 x 44 mm Frame AMD5144-XX & AMD5244-XX.		
Anthracite P.	**N2214.1 AP**	2CLA221410B1001	10
White	**N2214.1 BL**	2CLA221410B1101	10
	Electronic Card switch 16AX w/timer Rated voltage: 250 Vac Rated current: 16AX Max. power: iLED200W / Traditional: 1600W Includes LED indicator Adjustable time-out: 5-90 seg. Function size: 44 x 44 mm Frame AMD5144-XX & AMD5244-XX.		
Anthracite P.	**N2214.5 AP**	2CLA221450B1001	1
White	**N2214.5 BL**	2CLA221450B1101	1
	Electronic Card switch 16AX w/RFID 250 Vac 50-60 HN. / 16A Rated voltage: 110 .... 230 V AC, ±10 %, RFID card-only option:Yes 4 programming modes: ECO, STANDARD, EXTENDED, CUSTOM Status backlight: Yes Dim-out deactivation: Yes Adjustable time-out: 0-240 seg. Output: 2*NO cotact Electronic relay: Yes Load compatibility (min. / max load): -LEDi: 250 W/VA. -LV LEDi with transformer type C: 4 / 250 W/VA. -LV LEDi with transformer type LC: 4 / 60 W/VA.* -LV halogen with transformer type C: 4 / 250 W/VA. -LV halogen with transformer type LC: 4 / 250 W/VA. -Incandescent lamps: 4 / 250 W/VA. -Halogen lamps: 4 / 250 W / VA. -Blind control (M-type) max. 2 A rame AMD5144-XX & AMD5244-XX.		
Anthracite P.	**N2214.6 AP**	2CLA221460B1001	1
White	**N2214.6 BL**	2CLA221460B1101	1

Millenium - Modular system

Function | Microswitches

Product	Article-No.	Order-No.	Pack/Qty
	Microswitch 1/2 channels - 2M Binary input for SELV systems Rated voltage: 5-24 Vac or Vdc Max. current: 50 mA (per switch) Included: 2 indicator LED lamps Function size: 44 x 44 mm		
White	**N2205.1 BL**	2CLA220510N1101	1
Silver	**N2205.1 PL**	2CLA220510N1301	1
Anthracite	**N2205.1 AN**	2CLA220510N1801	1
Champagne	**N2205.1 CV**	2CLA220510N1901	1
	Microswitch 2/4 channels - 2M Binary input for SELV systems Rated voltage: 5-24 Vac or Vdc Max. current: 50 mA (per switch) Included: 4 indicator LED lamps Function size: 44 x 44 mm		
White	**N2205.2 BL**	2CLA220520N1101	1
Silver	**N2205.2 PL**	2CLA220520N1301	1
Anthracite	**N2205.2 AN**	2CLA220520N1801	1
Champagne	**N2205.2 CV**	2CLA220520N1901	1
	Microswitch 3/6 channels - 2M Binary input for SELV systems Rated voltage: 5-24 Vac or Vdc Max. current: 50 mA (per switch) Included: 6 indicator LED lamps Function size: 44 x 44 mm		
White	**N2205.3 BL**	2CLA220530N1101	1
Silver	**N2205.3 PL**	2CLA220530N1301	1
Anthracite	**N2205.3 AN**	2CLA220530N1801	1
Champagne	**N2205.3 CV**	2CLA220530N1901	1

Millenium - Modular system

Function | Room Temperature Controllers

Product	Article-No.	Order-No.	Pack/Qty
	ON/OFF Room Temperature Controller For triggering the ventilation and fan-coil actuators in ON/OFF type installations. Thermostat for fan-coil units in 2 pipes systems. Display elements: LCD showing four operation modes: Cooling/Fan only/Energy saving/Sleep Selected models can use Modbus RS485 protocol. Rated voltage: 110-250 Vac / 50-60 Hz Load capacity: Resistive: 4 A; Inductive: 2 A Output voltage: 230 Vac Temperature sensor: internal NTC Temperature Setting Range 5-35°C (0.5°C sensitivity) Temperature accuracy: +/- 1°C Installation box: 86 x 86 x 47 mm (BS type)		
Standard models:			
White	**BR417**	2TCZ204001R0010	1
Black	**BR417-885**	2TCZ204001R4410	1
Modbus RS485 option models:			
White	**BR432**	2TCZ204003R0010	1
Black	**BR432-885**	2TCZ204003R4410	1

Product	Article-No.	Order-No.	Pack/Qty
	0-10Vdc Modulating Room Temperature Controller For triggering the ventilation and fan-coil actuators in modulating 0-10Vdc valve installations. Thermostat for fan-coil units in 2 pipe systems. Display elements: LCD showing four operation modes: Cooling/Fan only/Energy saving/Sleep Selected models can use Modbus RS485 protocol. Rated voltage: 24 Vac / 50-60 Hz Load capacity: Resistive: 4 A; Inductive: 2 A Output voltage: 0-10 Vdc (valve), 230 Vac (fan) Temperature sensor: internal NTC Temperature Setting Range 5-35°C (0.5°C sensitivity) Temperature accuracy: +/- 1°C Installation box 86 x 86 x 47 mm (BS type)		
Standard models:			
White	**BR483**	2TCZ204002R0010	1
Black	**BR483 -885**	2TCZ204002R4410	1
Modbus RS485 option models:			
White	**BR484**	2TCZ204004R0010	1
Black	**BR484 -885**	2TCZ204004R4410	1

Millenium - Modular System (AMD)

Sound system

Product	Article-No.	Order-No.	Pack/Qty
	Modular sound system, BT receiver with amplifier Rated voltage: 110-230 Vac ± 15%; 50-60 Hz Max. consumption: 7W Stand-by consuption: 0,2W Amplifier power: 2+2 W; <1% distorsion (16 Ω) Speaker impedance: 16 Ω (2+2 W audio) 3 audio inputs: Bluetooth, AUX (front), TV (rear)		
Anthracite P	**AMD68444-AN**	2CLA626840N1801	1
White	**AMD68444-WP**	2CLA626840N2001	1
	FM stereo receiver with RDS Rated voltage: 230 Vac ±15% / 50-60 Hz Max. consumption:100 mA Stand-by consumption with the display illumination at minimum:0.2 W Stand-by consumption ref. AMD68044-AN + AMD68344-AN9368: 0.6 W Maximum output power: 2+2 W; <1% distorsion (16 W) Speaker Impedance: 16 W (2+2 W audio) Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD68044-AN**	2CLA626800N1801	1
White	**AMD68044-WP**	2CLA626800N2001	1
	Input/output , USB & Bluetooth® module Power supply through AUX.: 9 V Bluetooth® v2.1 2.4GHz IEEE 802.15.1 Maximum reach from the module to user's Bluetooth® device: 10 m. Maximum consumption: 175 ~ 200 mA Consumption stand-by: 0.4 W Headphones impedance: 16 ~ 600 Ω (25 + 25 mW audio phones) Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD68344-AN**	2CLA626830N1801	1
White	**AMD68344-WP**	2CLA626830N2001	1
	Remote control unit for 9368.1 Power supply: 230 V~ / 127 V~ ; ±15% ; 50-60 Hz Maximum power consumption ref. 9368.2: 15 mA Stand-by consumption with the display illumination at minimum :0.5 W Stand-by consumption ref. AMD68244-AN + AMD68344-AN: 0.9 W Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**AMD68244-AN**	2CLA626820N1801	1
White	**AMD68244-WP**	2CLA626820N2001	1

Product	Article-No.	Order-No.	Pack/Qty
	Radio/amplifier module for ceiling with Bluetooth® 9368.1 Bluetooth®: 230 V~ / 127 V~; ±15%; 50-60 Hz Maximum reach from the module to user's Bluetooth® device: 10 m. Maximum power consumption: 200 mA Consumption stand-by: 0.3 W Antenna impedance: 75 Ω Maximum power headphone output: 6+6 W; <1% distortion (4 Ω) Minimum impedance of headphones: 4 Ω (6+6 W audio)		
	9368.1	2CLA936810A1002	10
	Loudspeaker 5" Installation in flush box ref. 9399 drilling 17mm or embedded ring ref. 9399.1 drilling 160mm. Max. Power: 6W Impedance: 16 Ω Response frecuency: 70Hz to 10kHz		
	9329.1	2CLA932910A1001	1
	Flush box for loudspeaker 5"		
	9399	2CLA939900A1001	12
	Embedded ring for loudspeaker 5"		
	9399.1	2CLA939910A1001	12
	Styling grid for loudspeaker 5"		
	9399.2	2CLA939920A1001	12

Millenium - Modular System (AMD)

ABB-free@home®

Product	Article-No.	Order-No.	Pack/Qty
	For switching 230 V~ consumers. **With integrated switch actuator.** **Switching function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.** 44 mm. × 44 mm. ×45 mm. Outputs: 1× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-1.1.PB.1	2CKA006220A0232	1
Wireless	**SSA-F-1.1.PB.1-WL**	2CKA006200A0108	1
	For dimming 230 V~ loads. **With integrated universal dimming actuator for controlling different lamps.** **The dimming function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 – 80 W / VA. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SDA-F-1.1.PB.1	2CKA006220A0235	1
Wireless	**SDA-F-1.1.PB.1-WL**	2CKA006200A0111	1
	For controlling blind and awning motors. With integrated blind actuator. **Blind function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Outputs: 1× Change-over contacts/ normally open contact, potential bound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SBA-F-1.1.PB.1	2CKA006220A0237	1
Wireless	**SBA-F-1.1.PB.1-WL**	2CKA006200A0113	1

Product	Article-No.	Order-No.	Pack/Qty
	For sending switching, dimming and blind commands to an ABB-free@home® actuator. **Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Control: Push buttons up/down. LEDS: Used as orientation light or as switching status. Protection class of device: IP 20. Mounting depth: 9 mm.		
	SU-F-1.0.PB.1	2CKA006220A0222	1
Wireless	**SU-F-1.0.PB.1-WL**	2CKA006200A0106	1
	1/2-Fold sensor cover plate Cover plate ABB-free@home® 1/2-Fold sensor for the SSA-F-1.1.PB.1, SDAF-1.1.PB.1, SBA-F-1.1.PB.1 and SU-F-1.0.PB.1 sensors. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**SR-2-AMAN**	2CLA622620N1801	5
White	**SR-2-AMWP**	2CLA622620N2001	5
	For switching 230 V~ consumers. **With one integrated switch actuator.** **Switching function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.** 44 mm. × 44 mm. ×45 mm. Outputs: 1× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-2.1.PB.1	2CKA006220A0233	1
Wireless	**SSA-F-2.1.PB.1-WL**	2CKA006200A0109	1
	For switching 230 V~ consumers. **With two integrated switch actuators.** **Switching function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Outputs: 2× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-2.2.PB.1	2CKA006220A0234	1
Wireless	**SSA-F-2.2.PB.1-WL**	2CKA006200A0110	1

Millenium - Modular System (AMD)

ABB-free@home®

Product	Article-No.	Order-No.	Pack/Qty
	For dimming 230 V~ loads. **With integrated universal dimming actuator for controlling different lamps.** **The dimming function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 – 80 W / VA Protection class of device: IP 20. Mounting depth: 32 mm.		
	SDA-F-2.1.PB.1	2CKA006220A0236	1
Wireless	**SDA-F-2.1.PB.1-WL**	2CKA006200A0112	1
	For controlling blind and awning motors. **With integrated blind actuator.** **Blind function is available also without prior programming (pre-configured).** **Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Outputs: 1× Change-over contacts/ normally open contact, potentialbound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SBA-F-2.1.PB.1	2CKA006220A0238	1
Wireless	**SBA-F-2.1.PB.1-WL**	2CKA006200A0114	1
	For sending switching, dimming and blind commands to an ABB-free@home® actuator. **Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.** 44 mm. × 44 mm. × 45 mm. Control: Push buttons up/down. LEDS: Used as orientation light or as switching status. Protection class of device: IP 20. Mounting depth: 9 mm.		
	SU-F-2.0.PB.1	2CKA006220A0223	1
Wireless	**SU-F-2.0.PB.1-WL**	2CKA006200A0107	1
	2/4-Fold sensor cover plate Cover plate ABB-free@home® 2/4-Fold sensor for the SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1PB.1 and SU-F-2.0.PB.1 sensors. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**SR-4-AMAN**	2CLA622640N1801	5
White	**SR-4-AMWP**	2CLA622640N2001	5

Product	Article-No.	Order-No.	Pack/Qty
	For controlling the room temperature with thermostat fuctions. Control of conventional actuators or analog actuator (constant regulation) with the HA-M-0.6.1 and HA-M-0.12.1 actuators. **With NOMINAL temperature indication. Only to be used in combination with ABB-free@home® room temperature controller cover plate.** 44 mm. × 44 mm. × 45 mm. Visualization: LCD status mode indicator. Protection class of device: IP 20. Mounting depth: 14 mm.		
	RTC-F-1.PB	2CKA006220A0276	1
Wireless	**RTC-F-1.PB-WL**	2CKA006200A0115	1
	Room temperature controller cover plate. Cover plate ABB-free@home® for RTC-F-1.PB		
Anthracite P	**CP-RTC-AMAN**	2CLA624060N1801	5
White	**CP-RTC-AMWP**	2CLA624060N2001	5
	Watchdog sensor 180° with lens for the detection of animals. For the automatic switching of the ABB-free@home® actuators. **Only to be used in combination with ABB-free@home® Watchdog 180° flush mounted cover plate.** 44 mm. × 44 mm. × 45 mm. Detection range: 6m front, 3m lateral. Angle: 180°. Brightness range: 1-500 Lux. Protection class of device: IP 20. Mounting depth: 9 mm.		
	MSA-F-1.1.PB.1	2CKA006220A0231	1
Wireless	**MSA-F-1.1.PB.1 -WL**	2CKA006200A0117	1
	Watchdog sensor 180 cover plate. Cover plate ABB-free@home® for Watchdog sensor MSA-F-1.1.PB.1. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	**CP-MD-AMAN**	2CLA624160N1801	5
White	**CP-MD-AMWP**	2CLA624160N2001	5
	Light symbol button ABB-free@home® Blind symbol button ABB-free@home® Scene symbol button ABB-free@home® Dimmer symbol button ABB-free@home®		
Light Anthracite P	**SBL-AMAN**	2CLA602610N1801	20
Light White	**SBL-AMWP**	2CLA602610N2001	20
Blind Anthracite P	**SBB-AMAN**	2CLA602620N1801	20
Blind White	**SBB-AMWP**	2CLA602620N2001	20
Scene Anthracite P	**SBS-AMAN**	2CLA602630N1801	20
Scene White	**SBS-AMWP**	2CLA602630N2001	20
Dimmer Anthracite P	**SBD-AMAN**	2CLA602640N1801	20
Dimmer White	**SBD-AMWP**	2CLA602640N2001	20

Millenium - Modular System (AMD)

KNX system

Product	Article-No.	Order-No.	Pack/Qty
	2-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX.		
AMD72053-AN (6125/20-981-500)		2CKA006115A0443	1
AMD72053-WP (6125/20-214-500)		2CKA006115A0500	1
	4-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX.		
AMD74053-AN (6126/20-981-500)		2CKA006116A0218	1
AMD74053-WP (6126/20-214-500)		2CKA006115A0501	1
	6-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX.		
AMD76053-AN (6129/20-981-500)		2CKA006118A0104	1
AMD76053-WP (6129/20-214-500)		2CKA006115A0502	1
	6-Fold sensor with IR Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX.		
AMD76153-AN (6129/21-981-500)		2CKA006118A0107	1
AMD76153-WP (6129/21-214-500)		2CKA006134A0355	1
	Watchdog 180° flush mounted Movement sensor with up to four channels. Detection range: frontal: 6 m., lateral: 6 m. Detection angle: 180 °. Brightness limit value: 5 Lux - 150 Lux. Mounting height: 1.1 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX. Position for installation: vertical.		
AMD70153-AN (6122/20-981-500)		2CKA006132A0306	1
AMD70153-WP (6122/20-214-500)		2CKA006132A0424	1

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat heating/cooling fan coil Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. The controller is a thermostat for fan coil units in 2 - and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment. Display elements: LCD showing operation modes. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Combine with frame AMD5153-XX and AMD5253-XX.		
AMD70053-AN (6124/08-981-500)		2CKA006134A0309	1
AMD70053-WP (6124/08-214-500)		2CKA006134A0354	1
	Ceiling light symbol **Blind symbol** **Scene symbol** **Temperature symbol** **Light symbol** **Fan coil symbol** Labelling insert for Millenium control covers 1 /2-gang, 2 / 4-gang, 3 / 6-gang and 3 / 6-gang with infrared		
AM50701-GR (6123/20-500)		2CKA006123A0001	10
AM50702-GR (6123/21-500)		2CKA006123A0002	10
AM50703-GR (6123/22-500)		2CKA006123A0003	10
AM50704-GR (6123/23-500)		2CKA006123A0004	10
AM50705-GR (6123/24-500)		2CKA006123A0005	10
AM50706-GR (6123/26-500)		2CKA006123A0006	10
AM50701-WH (6123/20-214-500)		2CKA006123A0007	10
AM50702-WH (6123/21-214-500)		2CKA006123A0008	10
AM50703-WH (6123/22-214-500)		2CKA006123A0009	10
AM50704-WH (6123/23-214-500)		2CKA006123A0010	10
AM50705-WH (6123/24-214-500)		2CKA006123A0011	10
AM50706-WH (6123/26-214-500)		2CKA006123A0012	10

Millenium - Modular System (AMD)

Access control KNX

Product	Article-No.	Order-No.	Pack/Qty
	Mifare transponder reader 1) Access Control transponder reader able to be completely integrated into every KNX installation. 2) 1 binary input for connecting cardholder 3) 1 output 4A (24 V AC/DC) Required additional power supply (10…32 V DC/ 12…24 V AC) Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	TR/U 1.1	2CSY235683R2001	1
	Mifare transponder holder Access Control transponder holder able to be completely integrated into every KNX installation. 1) 1 binary input (ON/OFF, dimmer, shutter) 2) 1 output 4A (24 V AC/DC) Required additional power supply (12…24 V AC/DC) Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	TH/U 1.1	2CSY265232R2021	1
	Set of 10 transponder cards The transponder card uses passive transponder technology operating in radio frequency (MIFARE technology), without the need for contact between the reader and the card itself. The transponder card is read by swiping it in front of the reader at a maximum distance of 20 mm (can be reduced according to installation environment).		
	TS/T 1	2CSY259412R2041	1

Product	Article-No.	Order-No.	Pack/Qty
	Software MiniMAC 4.1 Configuration and supervision software for ABB Access Control system. Main functionalities are: management of keys, room state monitoring. Guest check in/check out, front desk room load monitoring, management of guest and employee databases, front desk management of room climate, …		
	SW MiniMAC 4.1	2CSY258202R2051	1

Millenium - Modular System (AMD)

Frames including metal support

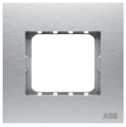
Product	Article-No.	Order-No.	Pack/Qty
	Frame 1-gang – Window 44 x 44 -Single Frame dimensions: 86 x 86 mm Window size: 44 x 44 mm Includes metal support and screws Extra robustness for Premium switches (single function only)		
Stainless Steel	**AMD5044-ST**	2CLA617110N1101	10
Silk Black	**AMD5044-SB**	2CLA617110N1501	10
Antique Gold	**AMD5044-AG**	2CLA617110N1601	10
Matt Gold	**AMD5044-MG**	2CLA617110N1701	10
Dune Sand	**AMD5044-DU**	2CLA617110N6201	10
Mocha Brown	**AMD5044-MO**	2CLA617110N6601	10
White Glass	**AMD5044-WG**	2CLA617110N3001	4
Black Glass	**AMD5044-BG**	2CLA617110N3101	4
	Frame 1-gang – Window 44 x 44 –Multifunction Frame dimensions: 86 x 86 mm Window size: 44 x 44 mm Includes metal support and screws For multiple function configurations		
Stainless Steel	**AMD5144-ST**	2CLA627100N1101	10
Silk Black	**AMD5144-SB**	2CLA627100N1501	10
Antique Gold	**AMD5144-AG**	2CLA627100N1601	10
Matt Gold	**AMD5144-MG**	2CLA627100N1701	10
Dune Sand	**AMD5144-DU**	2CLA627100N6201	10
Mocha Brown	**AMD5144-MO**	2CLA627100N6601	10
White Glass	**AMD5144-WG**	2CLA627100N3001	10
Black Glass	**AMD5144-BG**	2CLA627100N3101	10
	Frame 2-gang – Window 44 x 44 – Multifunction Frame dimensions: 147 x 86 mm Window size: 2*44 x 44 mm Includes metal support and screws For multiple function configurations		
Stainless Steel	**AMD5244-ST**	2CLA647200N1101	10
Silk Black	**AMD5244-SB**	2CLA647200N1501	10
Antique Gold	**AMD5244-AG**	2CLA647200N1601	10
Matt Gold	**AMD5244-MG**	2CLA647200N1701	10
Dune Sand	**AMD5244-DU**	2CLA647200N6201	10
Mocha Brown	**AMD5244-MO**	2CLA647200N6601	10
White Glass	**AMD5244-WG**	2CLA647200N3001	5
Black Glass	**AMD5244-BG**	2CLA647200N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Frame 3-gang –Window 44 x 44 – Multifunction Frame dimensions: 228 x 86 mm Window size: 3*44 x 44 mm Includes metal support and screws For multiple function configurations Compatible with box model: 1099		
Stainless Steel	**AMD5344-ST**	2CLA667310N1101	5
Silk Black	**AMD5344-SB**	2CLA667310N1501	5
Antique Gold	**AMD5344-AG**	2CLA667310N1601	5
Matt Gold	**AMD5344-MG**	2CLA667310N1701	5
Dune Sand	**AMD5344-DU**	2CLA667310N6201	5
Mocha Brown	**AMD5344-MO**	2CLA667310N6601	5
White Glass	**AMD5344-WG**	2CLA667310N3001	2
Black Glass	**AMD5344-BG**	2CLA667310N3101	2
	Frame 4-gang – Window 44 x 44 – Multifunction Frame dimensions: 293 x 86 mm Window size: 4*44 x 44 mm Includes metal support and screws For multiple function configurations Compatible with box model: 1099		
Stainless Steel	**AMD5444-ST**	2CLA687410N1101	5
Silk Black	**AMD5444-SB**	2CLA687410N1501	5
Antique Gold	**AMD5444-AG**	2CLA687410N1601	5
Matt Gold	**AMD5444-MG**	2CLA687410N1701	5
Dune Sand	**AMD5444-DU**	2CLA687410N6201	5
Mocha Brown	**AMD5444-MO**	2CLA687410N6601	5
White Glass	**AMD5444-WG**	2CLA687410N3001	2
Black Glass	**AMD5444-BG**	2CLA687410N3101	2

Millenium - Modular System (AMD)

Frames including metal support

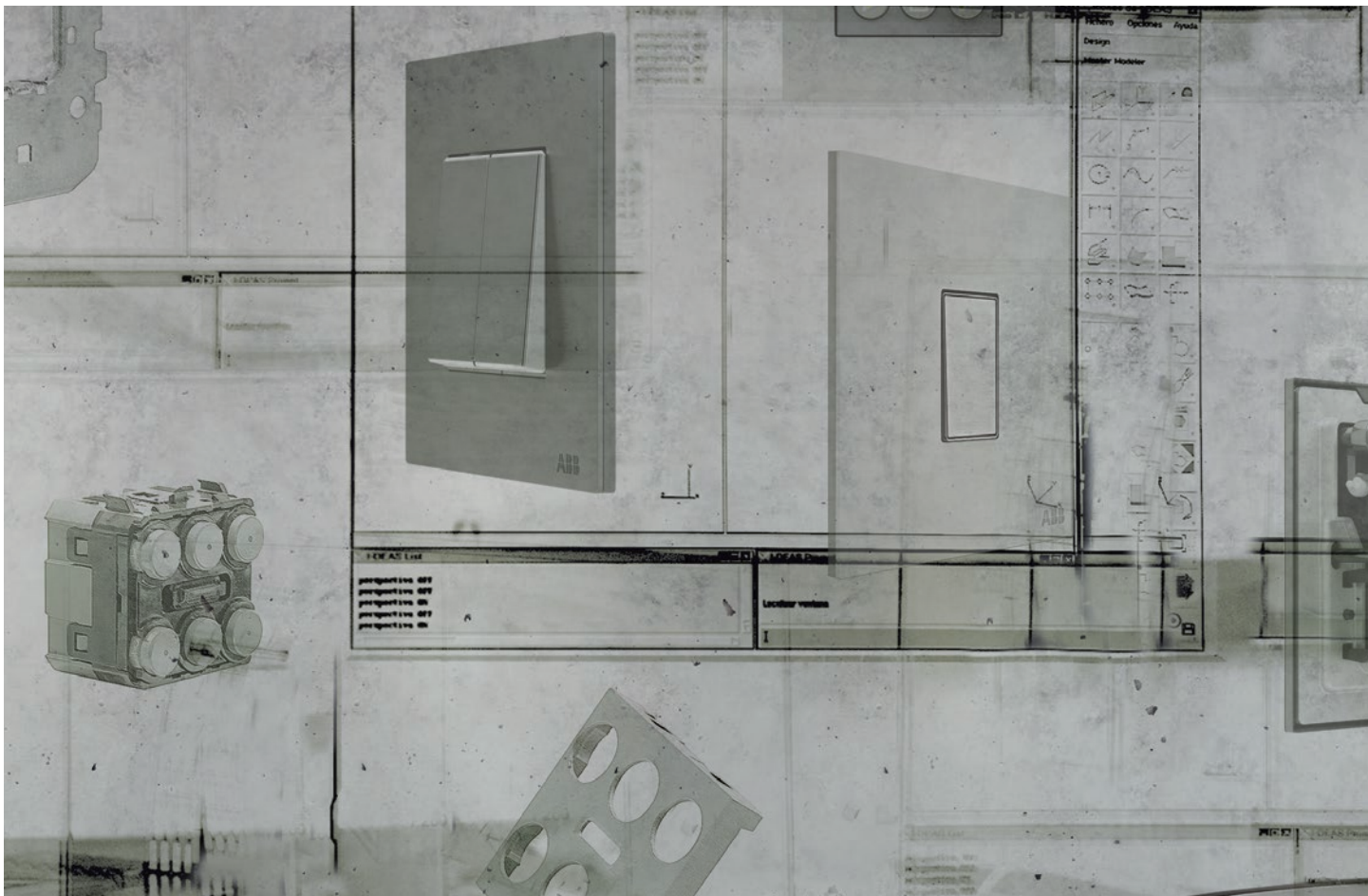
Product	Article-No.	Order-No.	Pack/Qty
	Frame 1-gang – Window 21 x 32 -Single Frame dimensions: 86 x 86 mm Window size: 21 x 32 mm Includes metal support and screws Extra robustness for Small switches (single function only)		
Stainless Steel	**AMD5120-ST**	2CLA617100N1101	10
Silk Black	**AMD5120-SB**	2CLA617100N1501	10
Antique Gold	**AMD5120-AG**	2CLA617100N1601	10
Matt Gold	**AMD5120-MG**	2CLA617100N1701	10
Dune Sand	**AMD5120-DU**	2CLA617100N6201	10
Mocha Brown	**AMD5120-MO**	2CLA617100N6601	10
White Glass	**AMD5120-WG**	2CLA617100N3001	4
Black Glass	**AMD5120-BG**	2CLA617100N3101	4

Product	Article-No.	Order-No.	Pack/Qty
	**Frame 1-gang – Window 53 x 44** Frame dimensions: 86 x 86 mm Window size: 53 x 44 mm Includes metal support and screws For Triple rocker switches		
Stainless Steel	**AMD5153-ST**	2CLA637100N1101	10
Silk Black	**AMD5153-SB**	2CLA637100N1501	10
Antique Gold	**AMD5153-AG**	2CLA637100N1601	10
Matt Gold	**AMD5153-MG**	2CLA637100N1701	10
Dune Sand	**AMD5153-DU**	2CLA637100N6201	10
Mocha Brown	**AMD5153-MO**	2CLA637100N6601	10
White Glass	**AMD5153-WG**	2CLA637100N3001	10
Black Glass	**AMD5153-BG**	2CLA637100N3101	10
	Frame 2-gang – Window 53 x 44 Frame dimensions: 147 x 86 mm Window size: 2*53 x 44 mm Includes metal support and screws For Triple rocker switches		
Stainless Steel	**AMD5253-ST**	2CLA667200N1101	10
Silk Black	**AMD5253-SB**	2CLA667200N1501	10
Antique Gold	**AMD5253-AG**	2CLA667200N1601	10
Matt Gold	**AMD5253-MG**	2CLA667200N1701	10
Dune Sand	**AMD5253-DU**	2CLA667200N6201	10
Mocha Brown	**AMD5253-MO**	2CLA667200N6601	10
White Glass	**AMD5253-WG**	2CLA667200N3001	5
Black Glass	**AMD5253-BG**	2CLA667200N3101	5

Diagrams, technical data and measurements

All of the information at your disposal

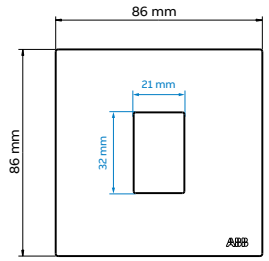
Thinking of making your job easier. We create these supports to optimize your time. We offer you all the technical information, diagrams and dimensions of each of our products in a clear and precise manner to facilitate understanding.



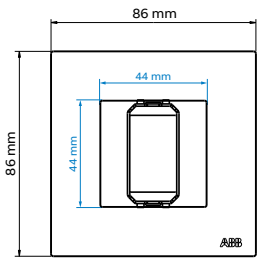
Millenium

Frame dimensions

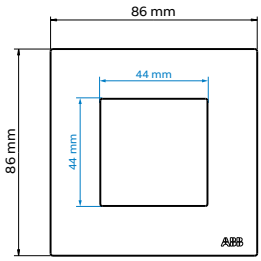
Rocker switch frame 1 gang



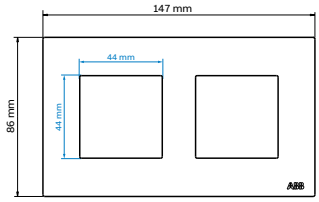
Premium rocker frame 1 gang



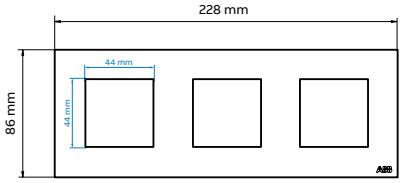
Half/Double rocker & other functions frame 1 gang



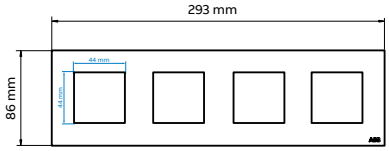
Premium, Half/Double & other functions frame 2 gang



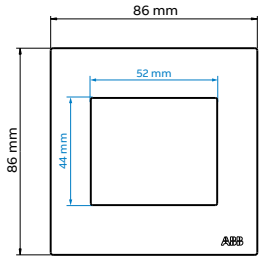
Premium, Half/Double & other functions frame 3 gang



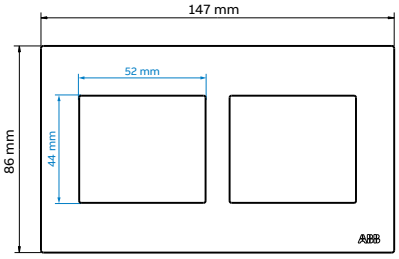
Premium, Half/Double & other functions frame 4 gang



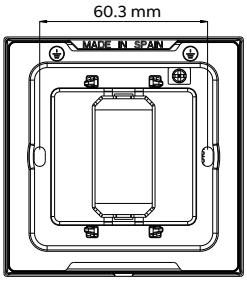
Triple rocker & KNX sensor frame 1 gang



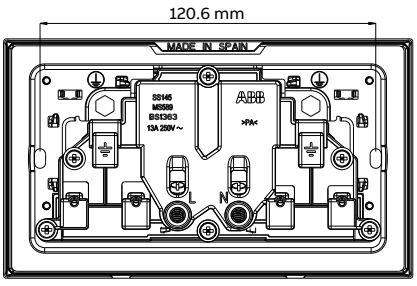
Triple rocker & KNX sensor frame 2 gang



Distance between fixing screws for 1 gang frames



Distance between fixing screws for 2 gang frames



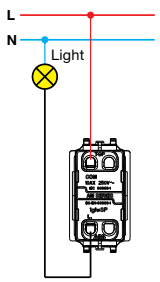
—

Suitable for flush wall boxes of 35 mm minimum except shaver socket. Cooker unit and 45 DP switch.

Millenium

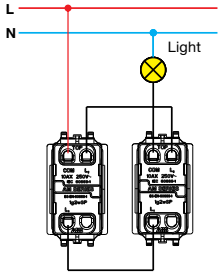
Circuit connection diagrams

1 Gang
1 way switch



1 Gang
2 way switch

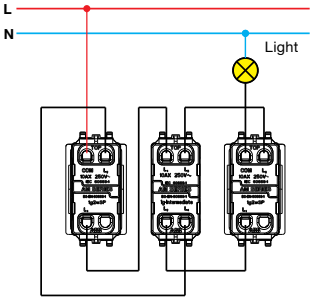
1 Gang
2 Way switch



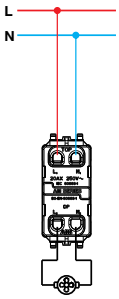
1 Gang
2 way switch

Intermediate
Switch

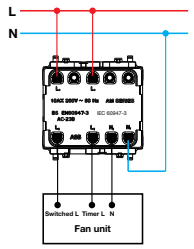
1 Gang
2 way switch



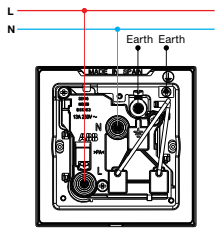
1 Gang
1 way double pole switch



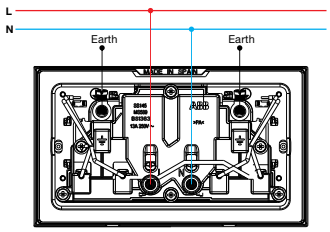
Fan isolator switch



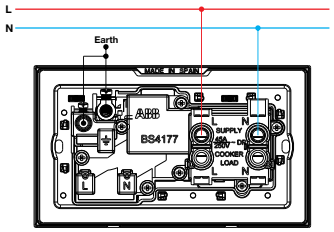
1 Gang BS socket outlet



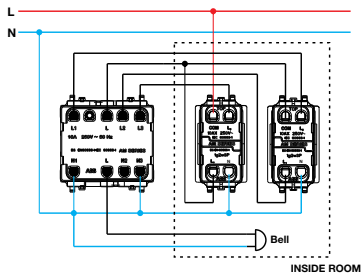
2 Gangs BS socket outlet



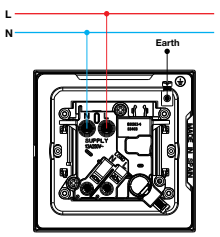
Cooker control unit



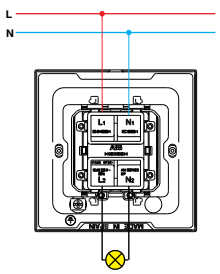
DND / MUR bell



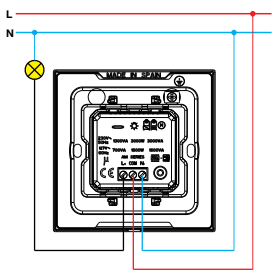
Fuse holder



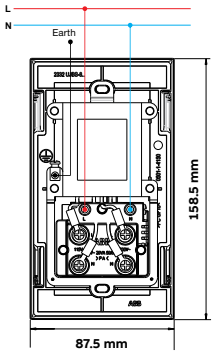
Card switch



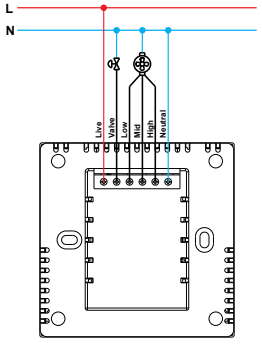
Electronic card switch



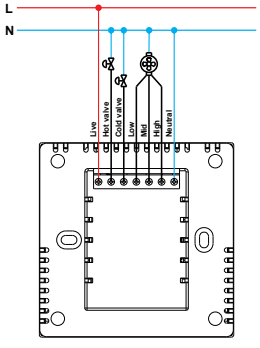
Shaver socket outlet



Thermostat 2 pipes



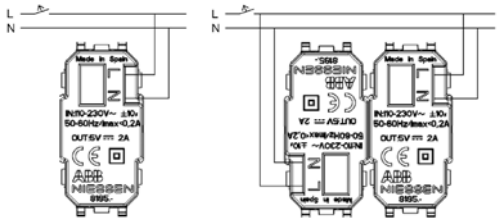
Thermostat 4 pipes



Millenium

Circuit connection diagrams

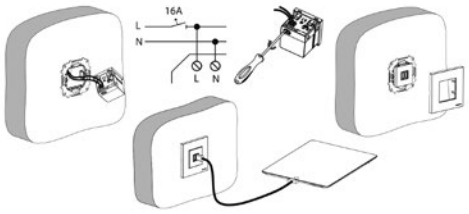
USB charger 2A, 1-gang – 1M AMD85222-AN



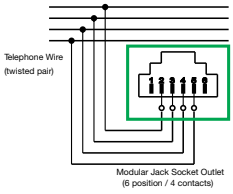
Note:

if you would like to install two N2185.2 chargers in the same frame, follow the mounting schematic in Fig.2 without changing the position of the mechanisms.

USB charger 1.500mA, 2-gang – 2M AMD85144-AN

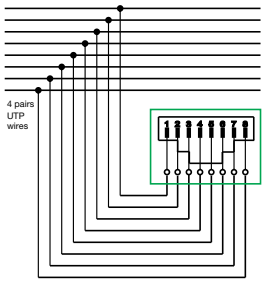


Telephone outlet - RJ11



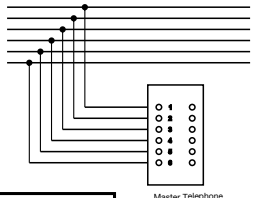
Wiring Colour Code		
Pin Number	Base Colour	Indication
1	-	-
2	Black	Earth
3	Red	L2
4	Green	L1
5	Yellow	Spare
6	-	-

Computer outlet - RJ45



Wiring Colour Code		
Pin Number	EIA-T568A Wire Colour	EIA-T568B Wire Colour
1	White / Green	White / Orange
2	Green	Orange
3	White / Orange	White / Green
4	Blue	Blue
5	White / Blue	White / Blue
6	Orange	Green
7	White / Brown	White / Brown
8	Brown	Brown

Telephone outlet - BT R11 / RJ12



Wiring Colour Code	
Pin Number	Base Colour / Stripe
1	Green / White
2	Blue / White
3	Orange / White
4	White / Orange
5	White / Blue
6	White / Green

TV & SAT technical specifications

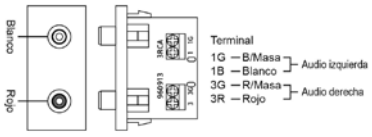
TV

Frecuency (Mhz)	Insertion Loss (dB)	Output return loss (dB)	Voltage resistance
5 ~ 550	< 2.5	> 16	
550 ~ 750	< 2.5	> 14	2 KV
750 ~ 1000	< 2.5	> 14	

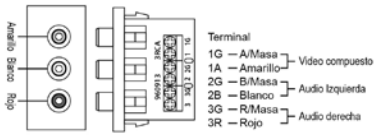
SAT OUTLET

Frecuency (Mhz)	Insertion Loss (dB)	Output return loss (dB)	Voltage resistance
5 ~ 550	< 0.5	> 18	
550 ~ 750	< 0.8	> 18	2 KV
750 ~ 1000	< 0.8	> 16	

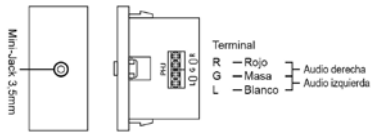
2RCA connection unit AMD55222-AN



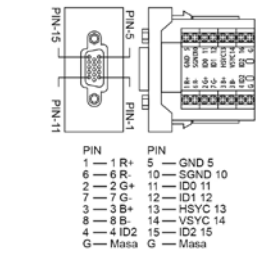
3RCA connection unit AMD55322-AN



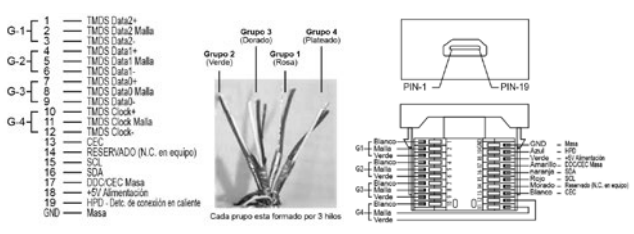
Mini-Jack connection unit AMD55422-AN



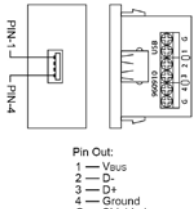
VGA connection unit AMD55522-AN



HDMI connection screwless AMD55122-AN



VGA connection unit AMD55522-AN



Millenium

Rotary/push dimmer LED AMD60344-AN

1.- Introduction

1. Product to be wired in accordance with wiring diagram.
2. Short circuit and overload will damage product.
3. In case of inductance load, take inductance power loss into account.
4. Please read the installation guide carefully before installation.
5. Electrical installation must be carried out by a qualified electrician in accordance with the accepted wiring practice and relevant regulations.

Disconnect the power during installation.

2.- Technical Characteristics

250 V~ ; ± 10 % ; 50 Hz

LEDi [2]
Min./max. Load (230 V~): 2 W / VA, 100 W / VA [2]
Num: 10 [3]

230 V~ dimmable energy saving lamps [2]
Min./max. Load (230 V~): 2 W / VA, 100 W / VA [2]
Num: 10 [3]

LV LEDi with transformer [1,2]
Min./max. Load (230 V~): 4 W / VA, 100 W / VA
Num: 10 [3]

230 V~ incandescent lamps
Min./max. Load (230 V~): 10 W / VA, 250 W / VA

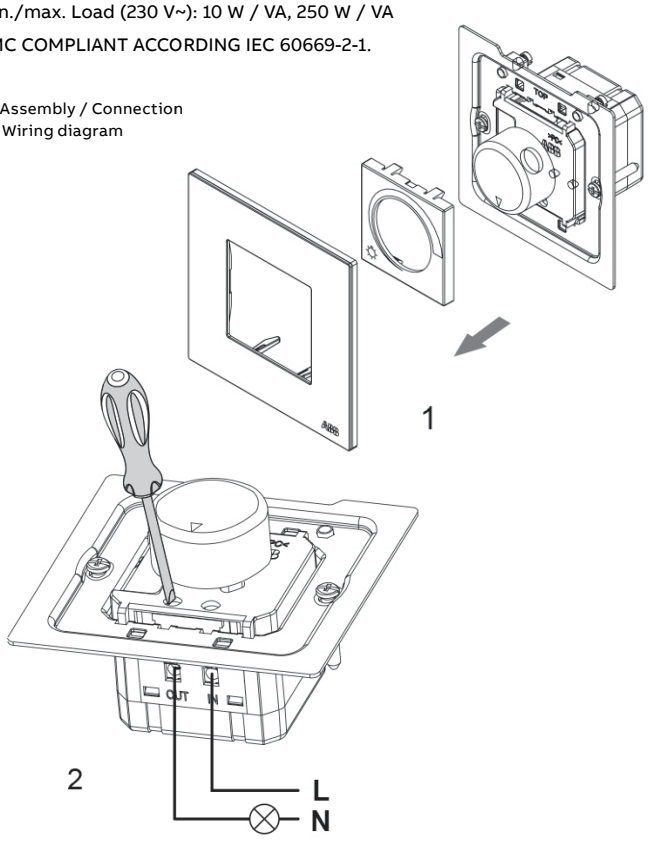
230 V~ halogen lamps
Min./max. Load (230 V~): 10 W / VA, 250 W / VA

LV halogen lamps with transformer [1]
Min./max. Load (230 V~): 10 W / VA, 250 W / VA

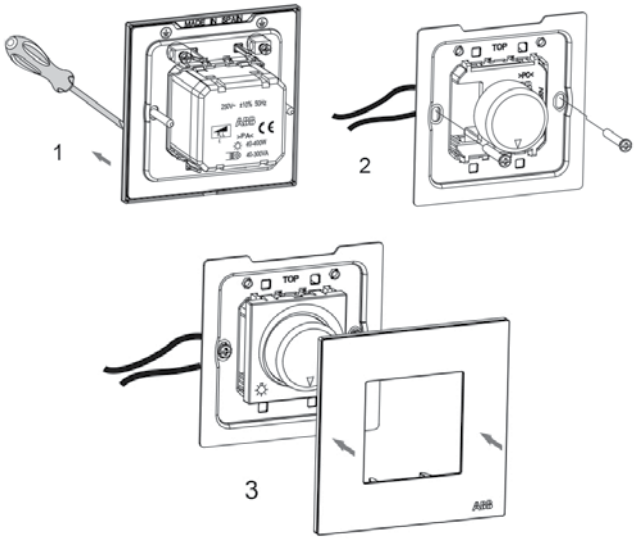
EMC COMPLIANT ACCORDING IEC 60669-2-1.

3.- Assembly / Connection

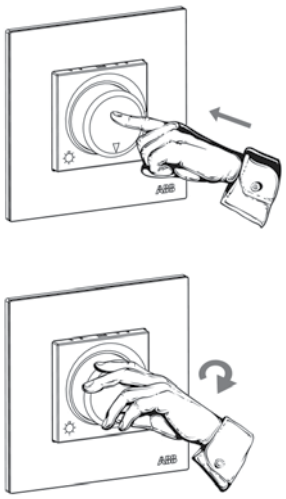
3.1 Wiring diagram



3.2 Installation



4.- Operation



Millenium

Rotary/push dimmer AMD60244-AN

1.- Technical Data

Electrical Characteristics - Power Supply: 230 V~ ; 50 Hz

- **Minimum Power:** 60 W / VA
- **Maximum Power:** 500 W incandescent lamps
  500 VA halogen lamps with electronic transformer.
  400 VA halogen lamps with ferromagnetic transformer.
- Room temperature for operation: 0 to 30 ºC.
  Operating Characteristics
- LED indicator pilot **Detecting the Type of Load**
- After wiring the device to the mains voltage, the regulator assesses the characteristics of the load connected.

Overload

- If the device overloads above the maximum permitted nominal power, or if the operating temperature exceeds the maximum, the regulator will automatically stop working as a safety measure.

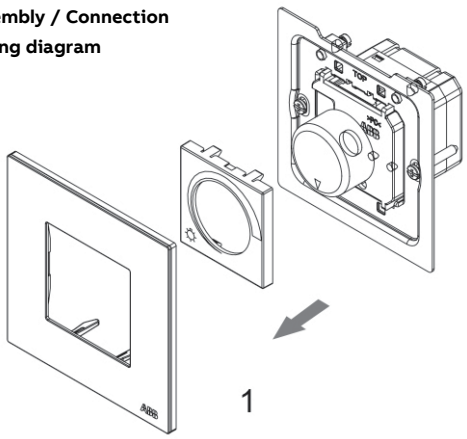
Short Circuit

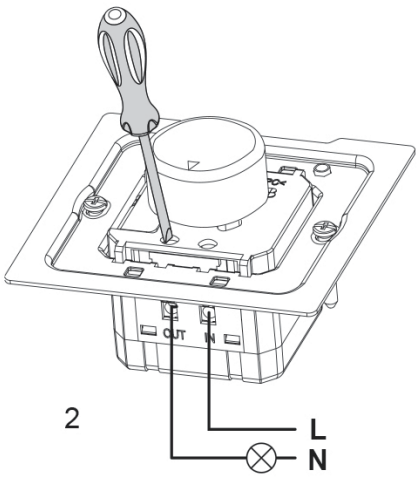
In case of short circuit, the device will stop working as a safety measure.

Note: Disconnect the device from the power supply if you are making changes to the load.

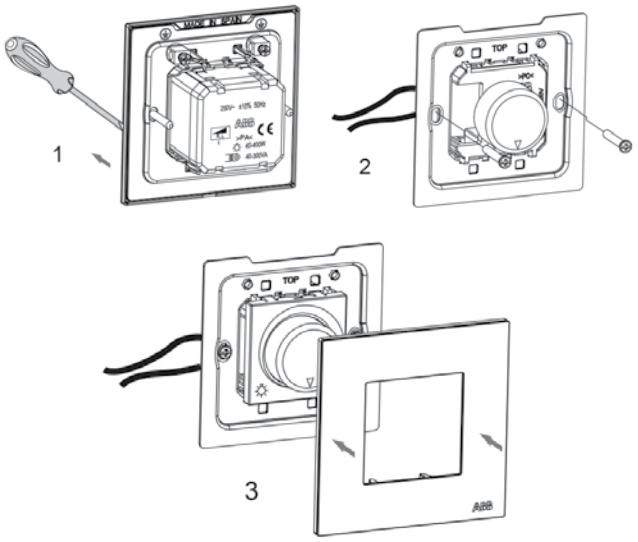
2.- Assembly / Connection

2.1 Wiring diagram

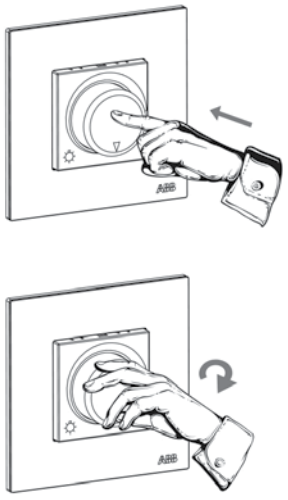




2.2 Installation



3.- Operation



Millenium

Rotary dimmer for fluorescent AMD60944-AN

1.- Technical Data

Power Supply: 230 V~ ; 50 Hz

- **Nominal power:** 700 VA

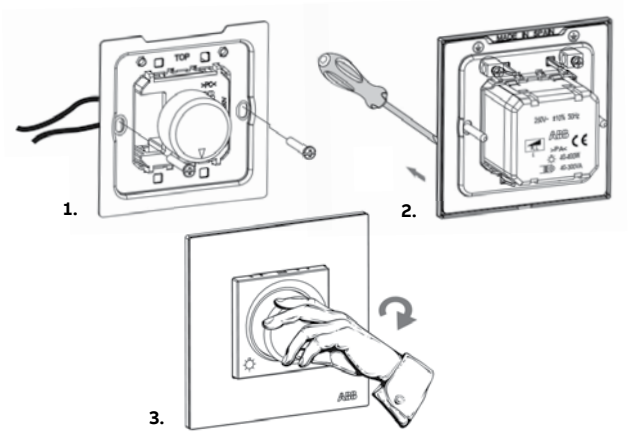
- **Load type:** Dimmable electronic ballast with 1-10V control input.

2.- Assembly/Connection

2.1.- Connection

Follow the steps below to install the mechanism:

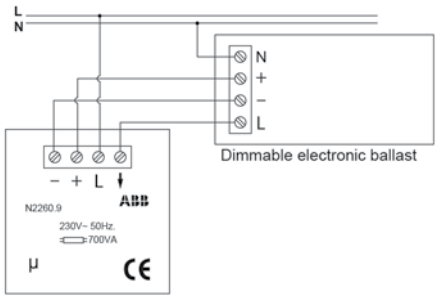
1. Connect the device according to the connection schemes. Figure 2 and Figure 3.
2. Assemble the device on the flush mounting box.
3. Then, place the plate.



Important: Disconnect the power supply when installing.

2.2.- Connection

The fluorescent lighting dimmer AMD60944-AN may be connected to dimmable electronic ballasts with a control input of 1-10 V as shown in Figure 2:



The maximum charge to be connected to the control terminals +/– should not exceed 50 mA.

See technical specifications of the dimmable electronic ballast to be installed.

Electronic ballasts generate a very high instantaneous peak current at connection, therefore it is recommended not to connect more than 6 ballasts to the AMD60944-AN fluorescence regulator.

In installations where it is required to connect more than 6 electronic ballasts to the same regulator mechanism, it is recommended to use a contactor to protect the mechanism contacts. See Figure 3.

3.- Operation button turns in the clockwise direction

If the charge is disconnected, i.e. the rotatory button is completely turned counter-clockwise, when turning right the charge will turn on (a “click” will be heard) and the intensity level will increase as we turn the button in the clockwise direction.

If the charge is at a given point of regulation, the charge intensity will increase as we turn the button in that direction.

If we turn the button completely in the clockwise direction, this will stop in a limit, which will coincide with the maximum regulation intensity level.

Operation button turns in the counter-clockwise direction

Intensity level will reduce as we turn the button in the counter-clockwise direction.

If we turn the button completely in the counter-clockwise direction, a “click” will be heard and the button will stop in a limit, the charge will be disconnected.

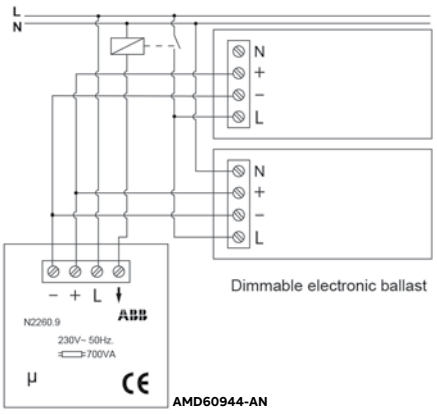


Figure 3: Connection using a contactor

Millenium

LED/Universal rotatory dimmer - 1M
AMD60322 & AM41144

1. Technical data

			max	AMD60322 AM41144 (1 module) max W. 230V~50/60Hz	Mode
Leading-Edge	I.	LEDi	10	4 - 60 W	T L
	II.	LED	10	4 - 60 W	
	III.	HALOGEN. 12V	-	4 - 60 W	
Trailing-Edge	IV.	LEDi	-	4 - 250 W	T L
	V.	LED	-	4 - 250 W	
	VI.	HALOGEN. 12V	-	4 - 250 W	
	VII.	INCANDESDEN.	-	4 - 250 W	

Types of load supported (see table 1)

Leading-edge dimmable loads:

I. LED lamps at 230V/127V type L
II. LED lamps at 12V with electronic transformer
III. Halogen lamps at 12V with electronic transformer

Trailing-edge dimmable loads (recommended):

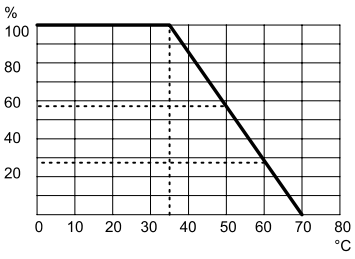
IV. LED lamps at 230V/127V type C
V. LED lamps at 12V with electronic transformer
VI. Halogen lamps at 12V with electronic transformer

Traditional loads:

VII. Incandescent and halogen lamps.

Technical data

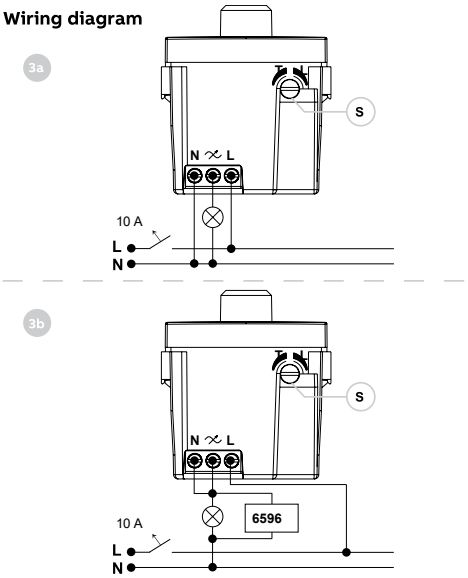
Nominal input voltage	(see tables 1)
Nominal input frequency	50 / 60Hz
Operating temperature	-5ºC… +35ºc
Maximum power supported:	(see tables 1 and 2)
Load type selector	Yes
Off position	Yes
Possible extension for ON/OFF	No
Connection wires	2 o 3
Short-circuit & overload protection	Yes
Temperature protection	Yes
IP protection	IP20
Safety standard	IEC 60669-2-1



Performance

The dimmer's nominal power will decrease according to ambient temperature in line with the graph.
If 2 regulators are installed adjacent, reduce max. power to 50%. If 3 adjacent regulators are installed, reduce max. power to 25%.

2. Wiring diagram



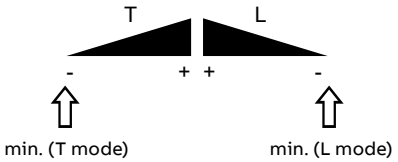
3. Connection

3 WIRES (recommended):
Figure '3a' shows an example of a 3-wire connection.

2 WIRES:
Figure '3b' shows an example of a 2-wire connection. This connection is subject to load compatibility, and correct functioning in all cases cannot be guaranteed (see note above). The minimum load installed must exceed 14W and it must be complemented with a 6596 compensation filter in parallel.

4. Set-up

1. Check the voltage is disconnected.
2. Configure the dimmer functioning mode using the adjust-ment dial, according to the type of load (see table 1)
3. Place the arrow at the bottom end (-) of the selector dial 'S'
4. Connect all wires through the rear terminals.
5. Make sure that the wires are correctly installed and free of potential short-circuits.
6. Restore the general power supply.
7. Switch on the lamps by turning the dimmer switch.
8. Adjust the minimum threshold by placing the arrow of the selector dial 'S' at the lowest point at which the lamps emit light without flashing.
9. Insert the mechanism in the recess box.



Make sure that the proper functioning mode has been configured (L or T) according to the type of load. Otherwise, the dimmer and the lamp could be damaged.

Note

Given the heterogeneity of the lamps and manufacturers in the market, some LED lamps may not be compatible with the dimmer resulting in persistent flashing problems. To avoid these problems, we recommend using the lamps of recognised manufacturers, avoiding the mixture of models and types whenever this is possible.

Millenium

Bluetooth sound module with amplifier AMD68444

1. Technical Data

Power Supply:
230 V~ / 127 V~; ±15%; 50–60 Hz

Bluetooth®:
Bluetooth® v2.1 2.4GHz IEEE 802.15.1
Maximum reach from the ceiling module 9368.1
to user's Bluetooth® device: 10 m.

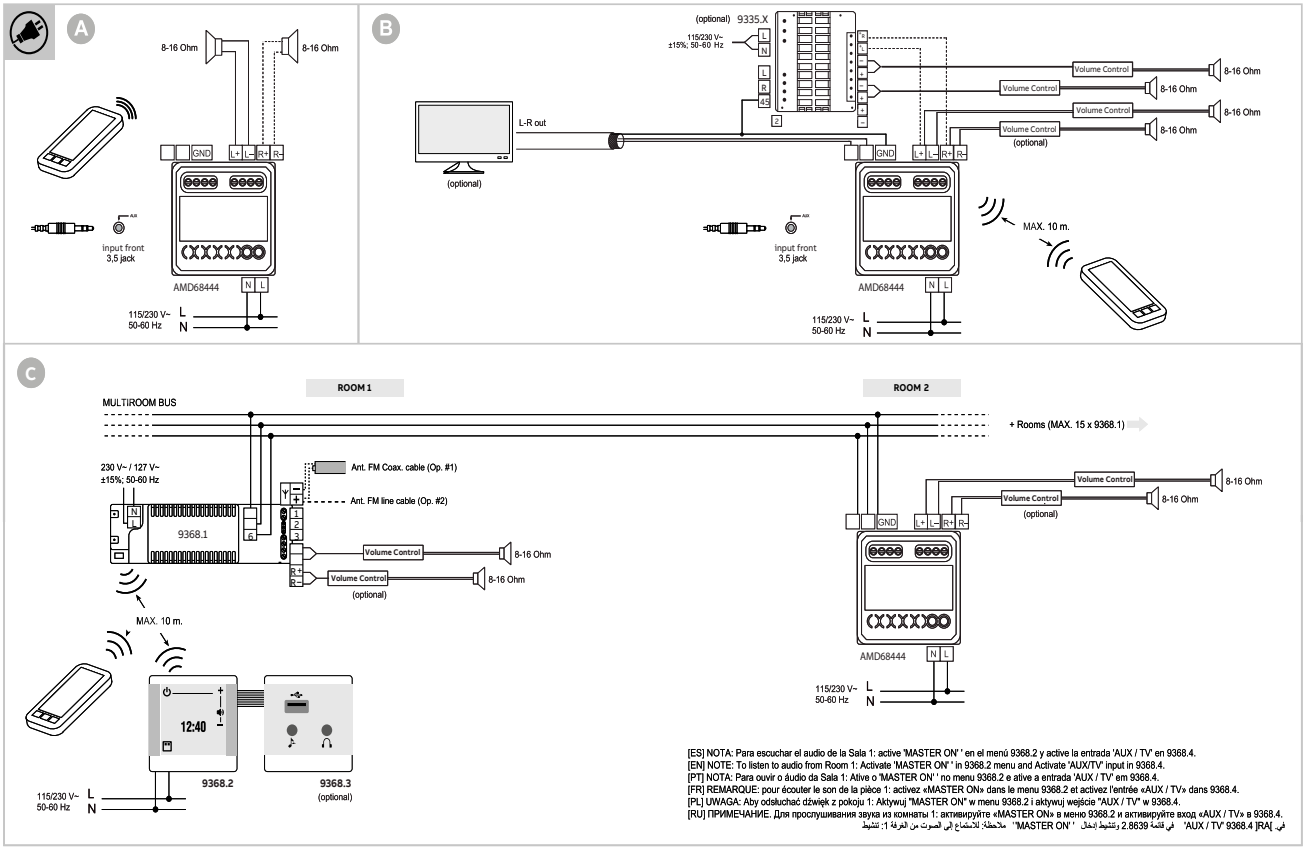
3 audio inputs:
Bluetooth, AUX (front), TV (rear)

Maximum power consumption: 7W
Consumption stand-by: 0.2 W
Min input signal level AUX / TV: 500 mV RMS
Input impedance: 10 kOhm

Amplifier power:
2 + 2 W <1% distorsion (16 Ω)

Speaker impedance:
8–16 Ohm

2. Connection
Basic: input from jack connector (front) or via Bluetooth®.
Output: amplified signal via R-L terminals (rear).
Complete: input from jack connector (front), via Bluetooth® or rear terminals (LIN-RIN) to connect TV audio.
Output: amplified signal via R-L terminals (rear) to fed speakers
(min. impedance: 8 - 16 Ohm) or external ampli-fier (ref. 9335.X) for higher power output.



Millenium

FM stereo receiver with RDS AMD68044-AN

1.- Technical Data

Voltage, ref. AMD68044-AN: 230 V~ ; ± 15 % ; 50 - 60 Hz

Max. consumption: 100 mA

Stand-by consumption ref. AMD68044-AN: 0.2 W

Stand-by consumption ref. AMD68044-AN + AMD68344-AN (*): 0.6 W

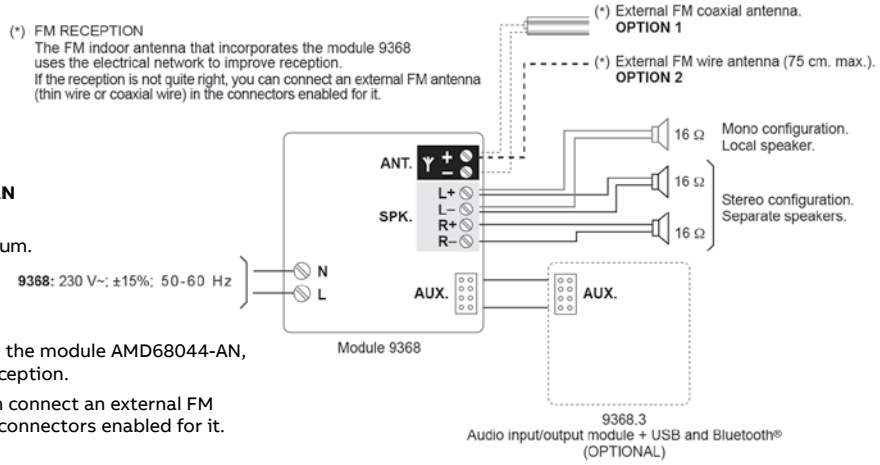
(*) With the display illumination at minimum.

2.- Wiring connection

(*) FM RECEPTION

The FM indoor antenna that incorporates the module AMD68044-AN, uses the electrical network to improve reception.

If the reception is not quite right, you can connect an external FM antenna (thin wire or coaxial wire) in the connectors enabled for it.



Input/output USB & Bluetooth® module AMD68344-AN

1.- Technical Data

Power supply through AUX.: 9 V=

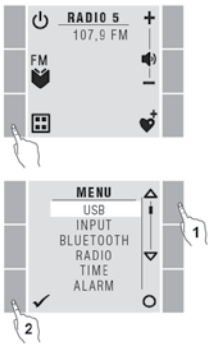
Max. consumption: 175 ~ 200 mA

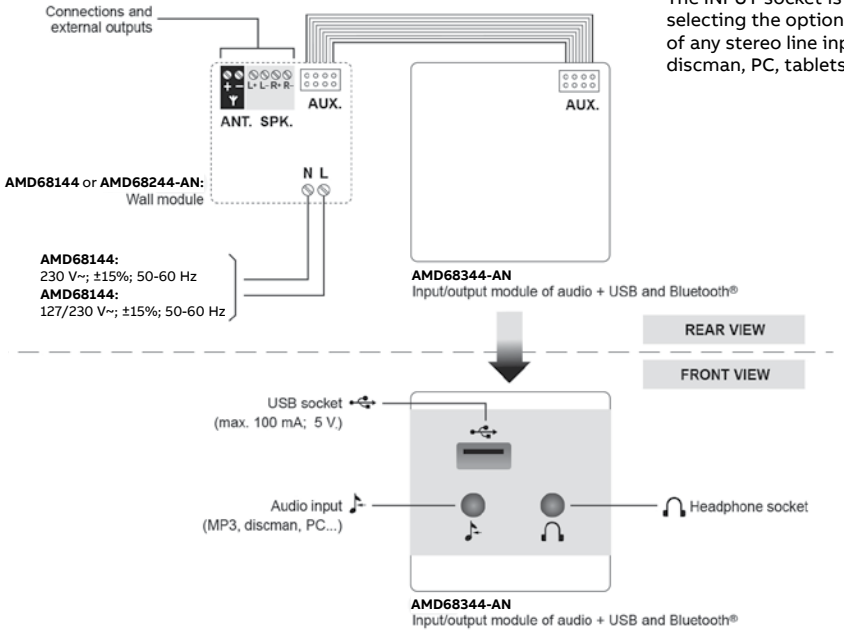
Consumption stand-by: 0.4 W

Headphones impedance: 16 ~ 600 Ω (25 + 25 mW audio phones)

2.- Connection

(through modules AMD68144 and AMD68244-AN)





3.- Functioning

ACTIVATION

When you connect the module 9368.3 through the modules 9368, 9368.7 y 9368.2, you may enter in the MENUS pressing the keys ⊞ and select the options USB, INPUT o BLUETOOTH to listen to their music.

- USB

The USB socket is designed for connecting the memory devices that do not consume more than mA a 5 V=. This way, all the MP3 and WAV files that you will encounter in the menu will be reproduced. You may activate it by entering MENU ⊞ and pressing the option USB.

- INPUT

The INPUT socket is activated when you enter the MENU ⊞ and selecting the option INPUT. This socket enables the connection of any stereo line input from reproducers such as MP3, walkman®, discman, PC, tablets and mobile phones.

- BLUETOOTH

The bluetooth® signal is activated entering in MENU ⊞ and selecting the option BLUETOOTH.

- HEADSET(PHONES)

The headphone socket is activated automatically by being connected to the PHONES socket. When it is connected, the speakers signal switches off and the last volume position of the headphones appears. For listening through the speakers again, disconnect the headphones socket.

* For more information on the functioning, please read the section **Connection to the module AMD68344-AN of auxiliary input USB and line + output of headphones** in the instructions of use of the modules AMD68144 and AMD68244-AN.

Millenium

Flush-mounted remote control AMD68244-AN

1.- Technical Data

Power supply ref. AMD68144:
230 V~ / 127 V~ ; ± 15 % ; 50 - 60 Hz

Power supply ref. AMD68244-AN:
230 V~ / 127 V~ ; ± 15 % ; 50 - 60 Hz

Bluetooth®:
Maximum reach from the ceiling module AMD68144 to user's Bluetooth® device: 10 m.

Maximum power consumption ref. AMD68144: 200 mA

Maximum power consumption ref. AMD68244-AN: 15 mA

Stand-by consumption ref. AMD68144:
0.3 W

Stand-by consumption ref. AMD68244-AN (*): 0.5 W

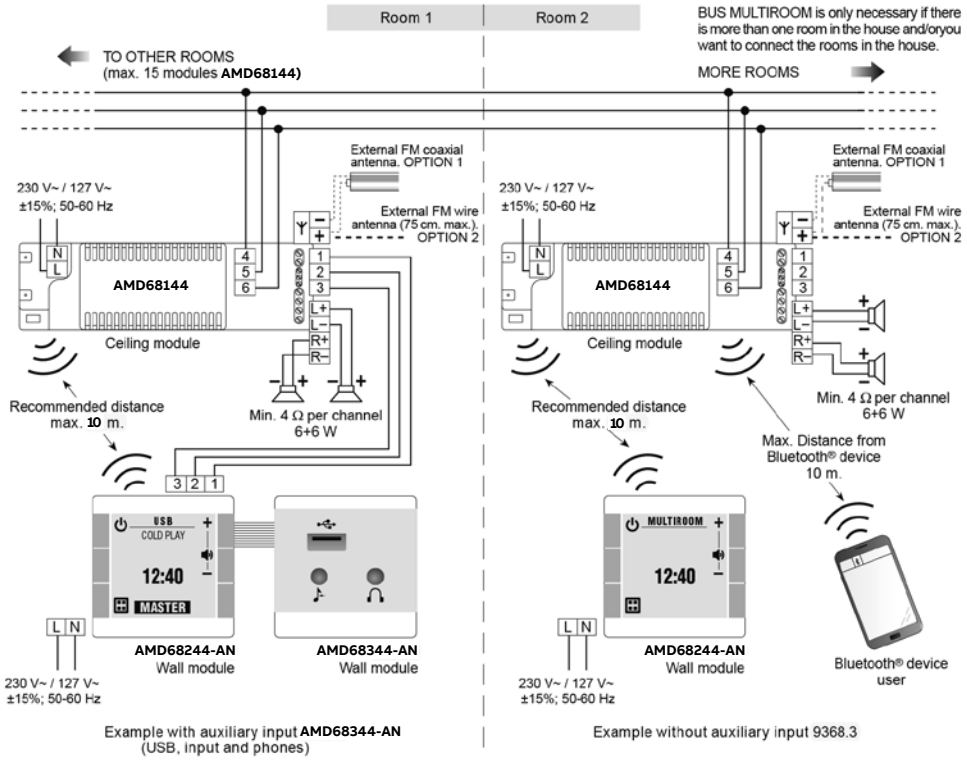
Stand-by consumption ref. AMD68244-AN + AMD68344-AN (*):
0.9 W

(*) With the display illumination at minimum.

Maximum power ref. AMD68144:
6+6 W; <1% distortion (4 W)

Speaker impedance ref. AMD68144:
4 W (6+6 W audio)

2.- Connection



NOTE: Due to the radiofrequency nature of these devices, and in order to avoid possible interactions between them, it is highly recommended NOT TO INSTALL modules of the same reference at less than 1m.Thereby avoiding group assembly.

3.- Linking modules AMD68144 and AMD68244-AN

Important:
Modules AMD68144 and AMD68244-AN only work if both are interlinked by radio.

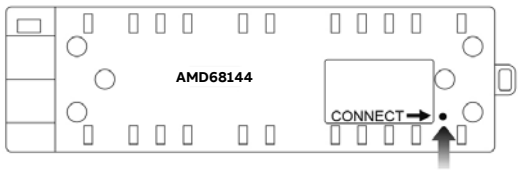
Module AMD68244-AN has to be connected by radio with ceiling module AMD68144, and only when this bond is created, can the system work efficiently.

Linking:
In order to connect two modules, make sure the connection diagram is similar to the one shown above, and that both modules are linked to the electricity network.

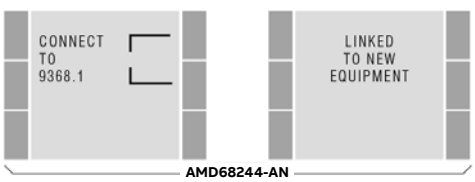
Then, access the rear of the ceiling module AMD68144 and press the internal key CONNECT with a clip or micro-screwdriver.

Once you have pressed the button you have got two minutes to go to the second module AMD68244-AN (the one you want to link with) and press simultaneously the keys ⊏ during two seconds.

When the two modules are associated, the screen should read "LINKED TO NEW EQUIPMENT".



Back of ref. 9368.1 to access key internal CONNECT.



Note:
It is important that the process of connection between various equipments is done step-by-step, by matching each module AMD68144 to each AMD68244-AN selected.

If not, a faulty connection may occur.

Millenium

Radio/amplifier module for ceiling with Bluetooth® AMD68144-AN

1.- Technical Data

Power supply:
230 V~ / 127 V~ ; ± 15 % ; 50 - 60 Hz

Bluetooth®:
Maximum reach from the ceiling module AMD68144 to user's Bluetooth® device: 10 m.

Maximum power consumption:
200 mA

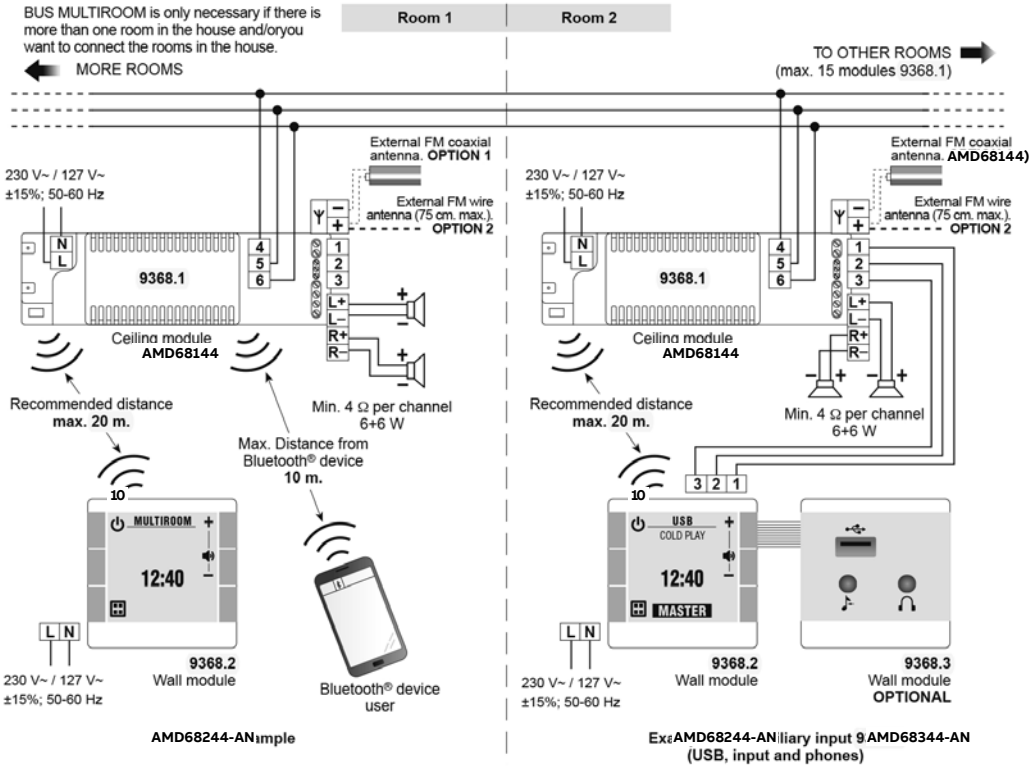
Consumption stand-by:
0.3 W

Antenna impedance:
75 Ω

Maximum power headphone output:
6 + 6 W ; < 1 % distortion (4 Ω)

Minimum impedance of headphones:
4 Ω (6+6 W audio)

2.- Connection



NOTE: Due to the radiofrequency nature of these devices, and in order to avoid possible interactions between them, it is highly recommended NOT TO INSTALL modules of the same reference at less than 1m.Thereby avoiding group assembly.

3.- Linking modules AMD68144 and AMD68244-AN

Important:
Modules AMD68144 and AMD68244-AN only work if both are interlinked by radio.

Module AMD68244-AN has to be connected by radio with ceiling module AMD68144, and only when this bond is created, can the system work efficiently.

Linking:
In order to connect two modules, make sure the connection diagram is similar to the one shown above, and that both modules are linked to the electricity network.

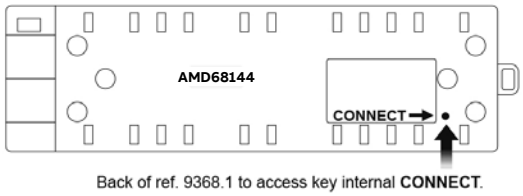
Then, access the rear of the ceiling module AMD68144 and press the internal key CONNECT with a clip or micro-screwdriver.

Once you have pressed the button you have got two minutes to go to the second module AMD68244-AN (the one you want to link with) and press simultaneously the keys ⊏ during two seconds.

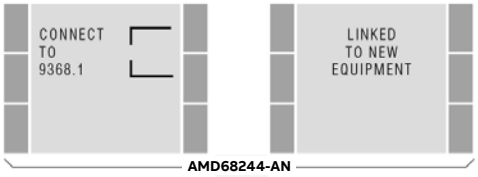
When the two modules are associated, the screen should read "LINKED TO NEW EQUIPMENT".

Note:
It is important that the process of connection between various equipments is done step-by-step, by matching each module AMD68144 to each AMD68244-AN selected.

If not, a faulty connection may occur.



Back of ref. 9368.1 to access key internal **CONNECT**.



* For more information on the functioning of the system, please read the instructions for use of the module

Millenium - Combination sets (AMD)

International standards

Product description	Standard	Description
Switches	BS EN 60669-1 / IEC 60669-1 / SS 227 / MS IEC 60669-1	Switches for household and similar fixed electrical installation
Fan isolator 3 pole	IEC 60947-1 / IEC 60947-3 BS EN 60947-1 / BS EN 60647-3	Low-voltage switchgear and controlgear-Part 3: switches, disconnectors, switch-disconnectors and fuse-combination units
Fused Connection Unit	BS 1363-4 / SS403	Specification for 13A fused connection units switched and unswitched
20A / 32A / 45A double pole switches	IEC 60669-1	Switches for household and similar fixed electrical installation
45A Cooker control unit	BS 4177	Cooker control unit
13A socket outlets	BS 1363-2 / SS 145 / SASO 2023 / MS 589-2	13A switched and unswitched socket outlets
13A socket outlets with USB charger	BS 1363-2 / SASO 2023 / SS 145-2	13A switched and unswitched socket outlets with USB charger
15A socket outlets	BS 546 / SS 472 / MS 1577	Two-pole and earthing-pin plugs, socket outlets and socket-outlet adaptors
5A socket outlets	BS 546	Two-pole and earthing-pin plugs, socket outlets and socket-outlet adaptors
20A Connection Units	BS 5733 / MS 1144	General requirements for electrical accessories
Universal socket outlets	BS 5733	General requirements for electrical accessories
Telephone outlet RJ11, 4-pole	TIA / EIA 568-A,568-B	Commercial building telecommunications cabling standard-Part2: Balanced twisted pair cabling components
BS Telephone outlet, 6-pole	BS 6312-2-1 / BS 6312-2-2.2	Connectors for analogue telecommunication interfaces
Computer outlet RJ45, 8-pole	TIA / EIA 568-A, 568-B	Commercial building telecommunications cabling standard-Part2: Balanced twisted pair cabling components
TV outlet	BS 3041-2 / IEC 60169-2	Radio-frequency connectors. Specification for coaxial unmatched connector
Shaver Unit	IEC 61558-1 / IEC61558-2-5	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-5: Particular requirements and test for transformer
Electronic Switches	IEC 60669-2-1	Switches for household and similar fixed electrical installations-Part 2-1: Particular requirements-Electronics switches
Thermostat Controller	IEC 60730-1 / IEC60730-2-9	Automatic electrical controls for household and similar use-Part 2-9: Particular requirements for temperature sensing controls
Frames and plates	BS 5733 / MS 1144	Specification for general requirements for electrical accessories

*Maximum rated power for Self Ballast Lamp Loads according to IEC 60669-1: 2017, clause 8

Rated current i (A)	Max. power of the SBL circuit (W)
i ≤ 10	100
10 < i ≤ 13	150
13 < i ≤ 16	200
16 < i ≤ 20	250

Millenium

List of products

Code	Finished	Pack. (unit)	Page
9399		12	44
803.2		1	27
9329.1		1	43
9368.1		10	43
9399.1		12	43
9399.2		12	43
AM10120	ST	1	19
AM10144	ST	1	20
AM10244	ST	1	21
AM10520	ST	1	19
AM10544	ST	1	20
AM10644	ST	1	21
AM10753	ST	1	21
AM10920	ST	1	19
AM11020	ST	1	19
AM11044	ST	1	20
AM11120	ST	1	19
AM11144	ST	1	20
AM11244	ST	1	20
AM11444	ST	1	21
AM11520	ST	1	19
AM11544	ST	1	20
AM11644	ST	1	21
AM118147	ST, SB, MG, AG, DU, MO, WG, BG	1	23
AM11844	ST	1	27
AM11920	ST	1	19
AM11944	ST	1	20
AM12153	ST	1	21
AM13444	ST	1	21
AM17744	ST, SB, MG, AG, DU, MO, WG, BG	1	20
AM17844	ST, SB, MG, AG, DU, MO, WG, BG	1	20
AM19188	ST	1	21
AM19588	ST	1	21
AM20986	ST, SB, MG, AG, DU, MO, WG, BG	1	24
AM22186	ST, SB, MG, AG, DU, MO, WG, BG	1	24
AM23186	ST, SB, MG, AG, DU, MO, WG, BG	1	24
AM23386	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM23486	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM23586	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM242147	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM235147	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM236147	ST, SB, MG, AG, DU, MO, WG, BG	1	25

Code	Finished	Pack. (unit)	Page
AM242147	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM23686	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM23786	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM23886	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM239147	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM240147	ST, SB, MG, AG, DU, MO, WG, BG	1	22
AM29486	ST, SB, MG, AG, DU, MO, WG, BG	1	24
AM24286	ST, SB, MG, AG, DU, MO, WG, BG	1	25
AM40188	ST, SB, MG, AG, DU, MO, WG, BG	1	27
AM40244	ST, SB, MG, AG, DU, MO, WG, BG	1	27
AM40344	ST	1	27
AM40444	ST	1	27
AM40544	ST, SB, MG, AG, DU, MO, WG, BG	1	27
AM41144	ST, SB, MG, AG, DU, MO, WG, BG	1	26
AM41344	ST, SB, MG, AG, DU, MO, WG, BG	1	26
AM42920	ST	1	19
AM42944	ST	1	20
AM43020	ST	1	19
AM43044	ST	1	20
AM43053	ST	1	21
AM50093	BL	1	27
AM50100	CH	10	29
AM50200	CH	10	29
AM50300	CH	10	29
AM50400	CH	10	29
AM50444	CH	10	
AM50444	CH	1	26
AM50500	CH	10	29
AM50600	ST, SB, MG, AG, DU, MO, WG, BG	10	43
AM50653	ST, SB, MG, AG, DU, MO, WG, BG	1	26
AM50701	GR, WH	10	46
AM50702	GR, WH	10	46
AM50703	GR, WH	10	46
AM50704	GR, WH	10	46
AM50705	GR, WH	10	46
AM50706	GR, WH	10	46
AM50753	ST, SB, MG, AG, DU, MO, WG, BG	1	26
AM50853	ST, SB, MG, AG, DU, MO, WG, BG	1	26

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List of products

Code	Finished	Pack. (unit)	Page
AM55044	ST, SB, MG, AG, DU, MO, WG, BG	1	26
AM56086	AN, WP	1	26
AMD10120	ST, SB, MG, AG, DU, MO, WG, BG	10	28
AMD10144	WG, BG	5	30
AMD10144	ST, SB, MG, DU, MO, AG	10	30
AMD10222	WG, BG	5	32
AMD10222	ST, SB, AG, MG, DU, MO	10	32
AMD10520	ST, SB, MG, AG, DU, MO, WG, BG	10	28
AMD10520	ST, SB, MG, DU, MO, AG	5	28
AMD10544	WG, BG	5	30
AMD10544	ST, SB, MG, DU, MO, AG	10	30
AMD10622	WG, BG	5	32
AMD10622	ST, SB, AG, MG, DU, MO	10	32
AMD10753	WG, BG	5	34
AMD10753	ST, SB, AG, MG, DU, MO	10	34
AMD10920	WG, BG	5	29
AMD10920	ST, SB, MG, AG, DU, MO, WG, BG	10	29
AMD11020	ST, SB, MG, AG, DU, MO	10	28
AMD11044	WG, BG	5	30
AMD11044	ST, SB, MG, DU, MO, AG	10	30
AMD11120	WG, BG	5	29
AMD11120	ST, SB, MG, DU, MO, AG	10	29
AMD11140	WG, BG	5	31
AMD11140	ST, SB, MG, DU, MO, AG	10	31
AMD11240	WG, BG	5	31
AMD11240	ST, SB, MG, DU, MO, AG	10	31
AMD11422	WG, BG	5	32
AMD11422	ST, SB, AG, MG, DU, MO	10	32
AMD11520	ST, SB, MG, AG, DU, MO, WG, BG	10	29
AMD11520	WG, BG	5	29
AMD11544	WG, BG	5	30
AMD11544	ST, SB, MG, DU, MO, AG	10	30
AMD11622	WG, BG	5	32
AMD11622	ST, SB, MG, AG, DU, MO	10	32
AMD11722	WG, BG	5	33
AMD11722	ST, SB, MG, AG, DU, MO	10	33
AMD11822	WG, BG	5	33
AMD11822	ST, SB, MG, AG, DU, MO	10	33
AMD11844	WG, BG	5	42
AMD11844	ST, SB, MG, AG, DU, MO	5	42
AMD11920	ST, SB, MG, AG, DU, MO, WG, BG	10	28
AMD11920	ST, SB, MG, DU, MO, AG	5	28
AMD11944	WG, BG	5	30
AMD11944	ST, SB, MG, DU, MO, AG	10	30
AMD12153	WG, BG	5	34
AMD12153	ST, SB, MG, AG, DU, MO	10	34

Code	Finished	Pack. (unit)	Page
AMD12922	WG, BG	5	32
AMD12922	ST, SB, AG, MG, DU, MO	10	32
AMD13444	WG, BG	5	43
AMD13444	ST, SB, AG, MG, DU, MO	10	31
AMD19144	AN, WP	5	41
AMD24144	AN, WP	5	41
AMD33144	AN, WP	10	40
AMD33244	AN, WP	10	40
AMD33544	AN, WP	5	40
AMD33644	ST, SB, MG, AG, DU, MO, WG, BG	5	40
AMD40344	ST, SB, MG, AG, DU, MO, WG, BG	5	42
AMD40444	ST, SB, MG, AG, DU, MO, WG, BG	5	42
AMD42920	WG, BG	5	29
AMD42920	ST, SB, MG, DU, MO, AG	10	29
AMD42944	ST, SB, MG, DU, MO, AG	10	31
AMD42944	WG, BG	5	31
AMD43020	WG, BG	5	29
AMD43020	ST, SB, MG, DU, MO, AG	10	29
AMD43044	WG, BG	5	31
AMD43044	ST, SB, AG, MG, DU, MO	10	31
AMD43053	WG, BG	5	34
AMD43053	ST, SB, MG, AG, DU, MO	5	34
AMD43222	WG, BG	10	33
AMD43222	AP, BL	5	33
AMD5044	WG, BG	4	48
AMD5044	ST, SB, AG, MG, DU, MO	10	48
AMD5120	WG, BG	4	49
AMD5120	ST, SB, AG, MG, DU, MO	10	49
AMD5144	ST, SB, AG, MG, DU, MO	10	48
AMD5153	ST, SB, AG, MG, DU, MO	10	49
AMD5244	WG, BG	5	48
AMD5244	ST, SB, AG, MG, DU, MO	10	48
AMD5253	WG, BG	5	49
AMD5253	ST, SB, AG, MG, DU, MO	10	49
AMD5344	WG, BG	2	48
AMD5344	ST, SB, AG, MG, DU, MO	5	48
AMD5444	WG, BG	2	48
AMD5444	ST, SB, AG, MG, DU, MO	5	48
AMD55222	AN, WP	1	41
AMD55322	AN, WP	1	41
AMD55422	AN, WP	1	41
AMD55522	AN, WP	1	41
AMD55722	AN, WP	1	41
AMD55922		1	41
AMD6016		10	40
AMD6016.1		10	40
AMD6016.2		10	40
AMD6016.3	AN, WP	10	40

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Code	Finished	Pack. (unit)	Page
AMD68044	AN, WP	1	43
AMD68244	AN, WP	1	43
AMD68344	AN, WP	1	43
AMD68444	AN, WP	1	43
AMD70053	AN, WP	1	46
SSA-F-1.1.PB.1	WL	1	44
SDA-F-1.1.PB.1	WL	1	44
SBA-F-1.1.PB.1	WL	1	44
SU-F-1.0.PB.1	WL	1	44
SR-2-AMAN		5	44
SR-2-AMWP		5	44
SSA-F-2.1.PB.1	WL	1	44
SSA-F-2.2.PB.1	WL	1	44
SDA-F-2.1.PB.1	WL	1	45
SBA-F-2.1.PB.1	WL	1	45
SU-F-2.0.PB.1	WL	1	45
SR-4-AMAN		5	45
SR-4-AMWP		5	45
RTC-F-1.PB	WL	1	45
CP-RTC-AMAN		5	45
CP-RTC-AMWP		5	45
MSA-F-1.1.PB.1	WL	1	45
CP-MD-AMAN		5	45
CP-MD-AMWP		5	45
TR/U 1.1		1	47
TH/U 1.1		1	47
TS/T 1		1	47
SW MiniMAC 4.1		1	47
SBL-AMAN	Light Anthracite P	20	45
SBL-AMWP	Light White	20	45
SBB-AMAN	Blind Anthracite P	20	45
SBB-AMWP	Blind White	20	45
SBS-AMAN	Scene Anthracite P	20	45
SBS-AMWP	Scene White	20	45
SBD-AMAN	Dimmer Anthracite	20	45
SBD-AMWP	Dimmer White	20	45
AMD70153	AN, WP	1	46
AMD72053	AN, WP	1	46
AMD74053	AN, WP	1	46
AMD76053	AN, WP	1	46
AMD76153	WG, BG	1	46
N2100	AP, BL	1	41
N2117.6	AP, BL	10	39
N2118.6	AP, BL	10	39
N2118.7	AP, BL	10	39
N2133	AP, BL	20	36
N2138	AP, BL	20	36
N2150	AP, BL	10	38
N2150.7	AP, BL	10	38
N2151.7	AP, BL	10	38

Code	Finished	Pack. (unit)	Page
N2160.3	AP, BL	1	35
N2185.2	AP, BL	1	37
N2200	AP, BL	1	41
N2214.1	AP, BL	10	42
N2214.5	AP, BL	1	42
N2214.6	AP, BL	1	42
N2217.6	AP, BL	10	39
N2218.6	AP, BL	10	39
N2218.7	AP, BL	10	39
N2237	AP, BL	10	36
N2238	AP, BL	10	36
N2239	AP, BL	10	36
N2250	AP, BL	10	38
N2250.7	AP, BL	10	38
N2260.3	AP, BL	1	35
N2260.9	AP, BL	1	35
N2285.1	AP, BL	1	37
N2288	AP, BL	10	36

Frame selection chart

Select the right frame for each function size:

Function size (mm)		1-gang	2-gang	3-gang	4-gang
		BS standard 3 x 3"	**BS standard 6 x 3"**	**ABB Custom box model 1099**	**ABB Custom box model 1099**
	Screw distance	**60.3 mm**	**120.6 mm**	**60 mm x 3 boxes**	**60 mm x 4 boxes**
	Box Dimensions	72 mm (H) x 72 mm (W) x 35 mm (D)	132 mm (H) x 72 mm (W) x 35 mm (D)	65 mm (H) x 65 mm (H) x 40 mm (D)	65 mm (H) x 65 mm (H) x 40 mm (D)
22 x 44 (H x W)	**Small rocker switches**	**AMD5120** **Window 22 x 44 -Single**			
44 x 44 (H x W)	**Premium rocker switches**	**AMD5044** **Window 44 x 44 -Single**	**AMD5244** **Window 44 x 44 - Multifunction**	**AMD5344** **Window 44 x 44 - Multifunction**	**AMD5444** **Window 44 x 44 - Multifunction**
44 x 44 (H x W)	**Function combinations**	**AMD5144** **Window 44 x 44 - Multifunction**	**AMD5244** **Window 44 x 44 - Multifunction**	**AMD5344** **Window 44 x 44 - Multifunction**	**AMD5444** **Window 44 x 44 - Multifunction**
53 x 44 (H x W)	**Triple rocker switches**	**AMD5153** **Window 53 x 44**	**AMD5253** **Window 53 x 44**		

Cleaning the products

Clean the surface with a cloth.

Do not use acetone, tar-removing cleaning agents or trichloroethylene.
Resistance to the following cleaning substances: Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Pure bleach diluted to 10%, Window-cleaning products, Pre-impregnated wipes

Caution: Always test before using other special cleaning products.

Notes

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