



Millenium

An element of sophistication



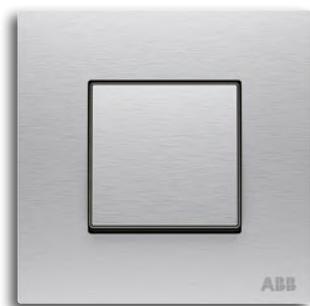
- Millenium's design and functionality convert into numerous technical and installation advantages
- Modern and contemporary finishes
- Slim design, only 4 mm height of the cover frames
- Two different rocker sizes

Find exactly what you are looking for.

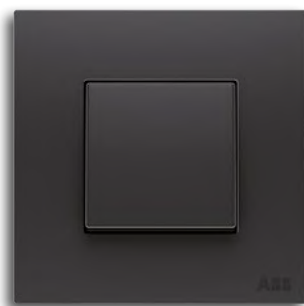
The Millennium series offers control, functionality and convenience that will always fit the desired look and feel of the building.



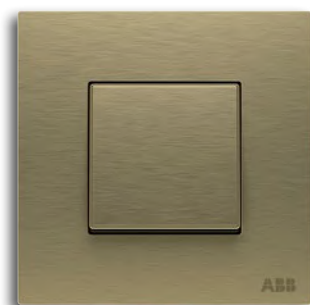




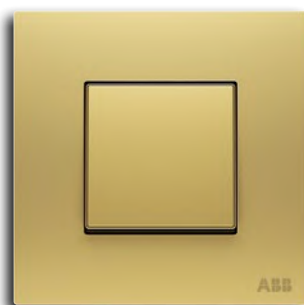
01



02



03



04

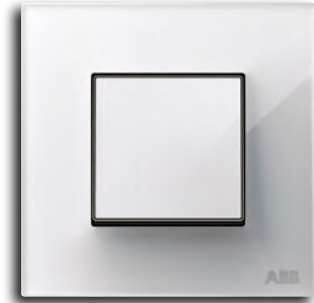


Ultra slim design in different finishes

Thanks to a combined system, the switches of the Millennium 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.



NEW



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05

NEW



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06



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07



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08



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09



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10

- 01 Stainless Steel
- 02 Silk Black *
- 03 Antique Gold
- 04 Matt Gold
- 05 White Glass **
- 06 Black Glass **
- 07 Stainless Steel and Silk Black
- 08 Silk Black and Stainless Steel
- 09 Antique Gold and Silk Black
- 10 Matt Gold and Silk Black

* Silk Black not suitable to installation outdoors
 ** Cover frame made of real glass

Everything under control

The Millennium 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



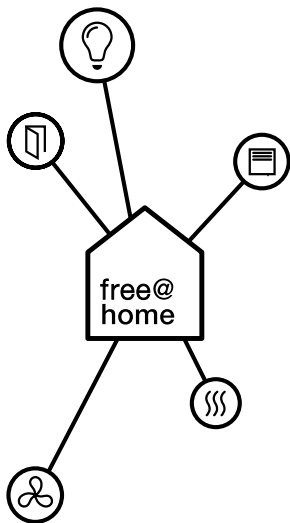
02



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/freathome

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.



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, 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.

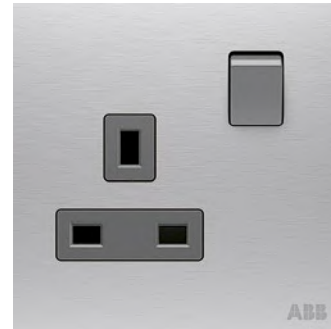
First British Standard range with wide rocker and metal finish. Screwless front plate ultra slim design.



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

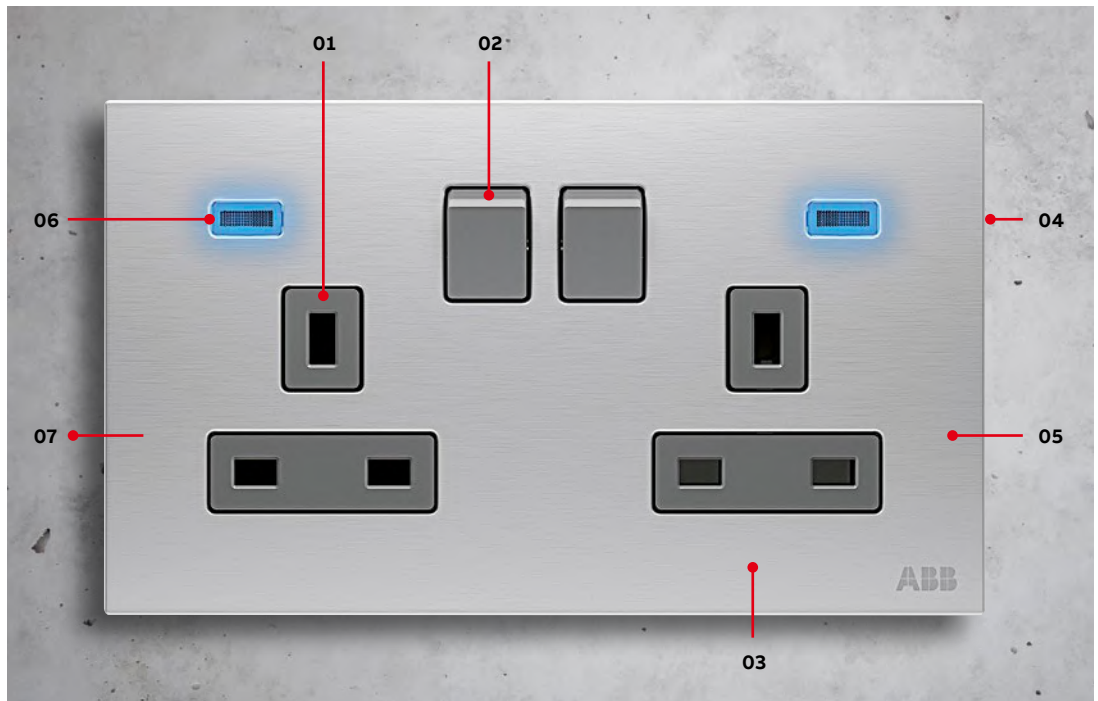


— Premium rocker switch

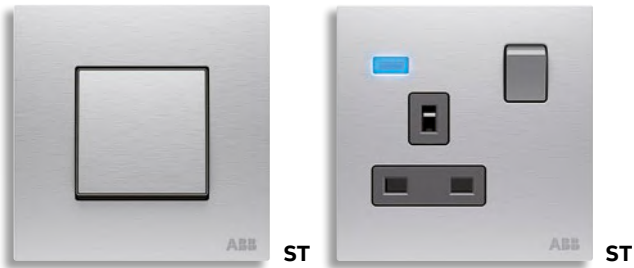


— Frame

- 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)








Millenium offers high quality complete sets. Each unique reference contains mechanism, frame and mounting plate; making easier the ordering, handling and installation. A reliable and complete collection with all functionality at first sight.





Millenium offers a wide and elegant choice of finishes in stainless steel AISI 304 material: from the Brush Stainless Steel, to the soft new touch given by the Silk Black, and the luxury of the sophisticated gold finishes, Matt Gold and Antique Gold.

ST Stainless Steel
SB Silk Black *
MG Matt Gold
AG Antique Gold
WG White Glass
BG Black Glass

* Silk Black not suitable to installation outdoors








1 Gang switches



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

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
	Fan isolator 3 poles 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	AM13444-ST	2CLA620509N1101	1
	Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	AM43044-ST	2CLA620409N1101	1

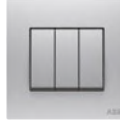
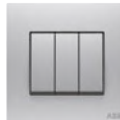
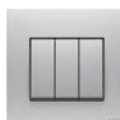
Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, 1-way, SP premium w/bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker		
Stainless Steel	AM42944-ST	2CLA620449N1101	1
	Switch 1-gang, 1-way, DP premium 45A Rated voltage: 250Vac Rated current: 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
White Glass	AM17744-WG	2CLA620149N3001	1
Black Glass	AM17744-BG	2CLA620149N3101	1

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, 2 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

Millenium - Complete sets (AM)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
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BS SP switched socket outlet 13A
 Rated voltage: 250Vac
 Rated current: 13A
 Single pole
 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
White Glass	AM23386-WG	2CLA623739N3001	1
Black Glass	AM23386-BG	2CLA623739N3101	1



BS DP switched socket outlet 13A
 Rated voltage: 250Vac
 Rated current: 13A
 Double pole
 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
White Glass	AM23786-WG	2CLA623719N3001	1
Black Glass	AM23786-BG	2CLA623719N3101	1



BS SP switched socket outlet w/LED 13A
 Rated voltage: 250Vac
 Rated current: 13A
 Single pole
 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
White Glass	AM23486-WG	2CLA623749N3001	1
Black Glass	AM23486-BG	2CLA623749N3101	1



BS DP switched socket outlet w/LED 13A
 Rated voltage: 250Vac
 Rated current: 13A
 Double pole
 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
White Glass	AM23886-WG	2CLA623729N3001	1
Black Glass	AM23886-BG	2CLA623729N3101	1

Product	Article-No.	Order-No.	Pack/Qty
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BS DP switched socket outlet, 2-gang 13A
 Rated voltage: 250Vac
 Rated current: 13A
 Double pole
 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
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
 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
White Glass	AM240147-WG	2CLA643729N3001	1
Black Glass	AM240147-BG	2CLA643729N3101	1



BS DP round pin switched outlet 5A
 Rated voltage: 250Vac
 Rated current: 5A
 Double pole
 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
White Glass	AM22186-WG	2CLA623759N3001	1
Black Glass	AM22186-BG	2CLA623759N3101	1



BS DP round pin switched outlet 15A
 Rated voltage: 250Vac
 Rated current: 15A
 Double pole
 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
White Glass	AM20986-WG	2CLA623769N3001	1
Black Glass	AM20986-BG	2CLA623769N3101	1

Millenium - Complete sets (AM)

Socket outlets

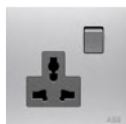
Product	Article-No.	Order-No.	Pack/Qty
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BS DP round pin switched outlet w/LED 15A

Rated voltage: 250Vac
Rated current: 15A
Double pole
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
White Glass	AM23186-WG	2CLA623779N3001	1
Black Glass	AM23186-BG	2CLA623779N3101	1



Universal switched socket outlet 13A

Rated voltage: 250Vac
Rated current: 13A
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
White Glass	AM29486-WG	2CLA623919N3001	1
Black Glass	AM29486-BG	2CLA623919N3101	1



Cooker control unit

Rated voltage: 250Vac
Main switch:
Rated current: 45A
Double pole
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
White Glass	AM118147-WG	2CLA643749N3001	1
Black Glass	AM118147-BG	2CLA643749N3101	1

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty
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Telephone outlet RJ11, 1-gang

4 pole
UTP

Stainless Steel	AM32144-ST	2CLA611709N1101	1
Silk Black	AM32144-SB	2CLA611709N1501	1
Antique Gold	AM32144-AG	2CLA611709N1601	1
Matt Gold	AM32144-MG	2CLA611709N1701	1
White Glass	AM32144-WG	2CLA611709N3001	1
Black Glass	AM32144-BG	2CLA611709N3101	1



BT master telephone outlet RJ11/RJ12, 1-gang

BT master
6 pole
UTP

Stainless Steel	AM30544-ST	2CLA611889N1101	1
Silk Black	AM30544-SB	2CLA611889N1501	1
Antique Gold	AM30544-AG	2CLA611889N1601	1
Matt Gold	AM30544-MG	2CLA611889N1701	1
White Glass	AM30544-WG	2CLA611889N3001	1
Black Glass	AM30544-BG	2CLA611889N3101	1




BT secondary telephone outlet RJ11/RJ12, 1-gang


BT secondary
6 pole
UTP


Stainless Steel	AM30644-ST	2CLA611899N1101	1
Silk Black	AM30644-SB	2CLA611899N1501	1
Antique Gold	AM30644-AG	2CLA611899N1601	1
Matt Gold	AM30644-MG	2CLA611899N1701	1
White Glass	AM30644-WG	2CLA611899N3001	1
Black Glass	AM30644-BG	2CLA611899N3101	1


Millenium - Complete sets (AM)


Voice data & information connectors


Product	Article-No.	Order-No.	Pack/Qty
	Computer outlet RJ45 Cat. 6 UTP, 1-gang 8 pole UTP		
Stainless Steel	AM33344-ST	2CLA611869N1101	1
Silk Black	AM33344-SB	2CLA611869N1501	1
Antique Gold	AM33344-AG	2CLA611869N1601	1
Matt Gold	AM33344-MG	2CLA611869N1701	1
White Glass	AM33344-WG	2CLA611869N3001	1
Black Glass	AM33344-BG	2CLA611869N3101	1


	Computer outlet RJ45 Cat. 6A, 1-gang 8 pole Cat 6A		
Stainless Steel	AM33644-ST	2CLA611879N1101	1
Silk Black	AM33644-SB	2CLA611879N1501	1
Antique Gold	AM33644-AG	2CLA611879N1601	1
Matt Gold	AM33644-MG	2CLA611879N1701	1
White Glass	AM33644-WG	2CLA611879N3001	1
Black Glass	AM33644-BG	2CLA611879N3101	1


	Computer outlet RJ45 Cat. 6 UTP, 2-gang 8 pole UTP		
Stainless Steel	AM32944-ST	2CLA621869N1101	1
Silk Black	AM32944-SB	2CLA621869N1501	1
Antique Gold	AM32944-AG	2CLA621869N1601	1
Matt Gold	AM32944-MG	2CLA621869N1701	1
White Glass	AM32944-WG	2CLA621869N3001	1
Black Glass	AM32944-BG	2CLA621869N3101	1

	Computer outlet RJ45 Cat. 6A, 2-gang 8 pole Cat 6A		
Stainless Steel	AM33744-ST	2CLA621879N1101	1
Silk Black	AM33744-SB	2CLA621879N1501	1
Antique Gold	AM33744-AG	2CLA621879N1601	1
Matt Gold	AM33744-MG	2CLA621879N1701	1
White Glass	AM33744-WG	2CLA621879N3001	1
Black Glass	AM33744-BG	2CLA621879N3101	1

Product	Article-No.	Order-No.	Pack/Qty
	TV outlet, 1-gang M type isolated dead-end-feeder.		
Stainless Steel	AM30144-ST	2CLA615009N1101	1
Silk Black	AM30144-SB	2CLA615009N1501	1
Antique Gold	AM30144-AG	2CLA615009N1601	1
Matt Gold	AM30144-MG	2CLA615009N1701	1
White Glass	AM30144-WG	2CLA615009N3001	1
Black Glass	AM30144-BG	2CLA615009N3101	1


	TV/SAT outlet F type isolated dead-end-feeder with filter.		
Stainless Steel	AM31344-ST	2CLA625009N1101	1
Silk Black	AM31344-SB	2CLA625009N1501	1
Antique Gold	AM31344-AG	2CLA625009N1601	1
Matt Gold	AM31344-MG	2CLA625009N1701	1
White Glass	AM31344-WG	2CLA625009N3001	1
Black Glass	AM31344-BG	2CLA625009N3101	1

	SAT outlet F type isolated dead-end-feeder.		
Stainless Steel	AM30344-ST	2CLA615109N1101	1
Silk Black	AM30344-SB	2CLA615109N1501	1
Antique Gold	AM30344-AG	2CLA615109N1601	1
Matt Gold	AM30344-MG	2CLA615109N1701	1
White Glass	AM30344-WG	2CLA615109N3001	1
Black Glass	AM30344-BG	2CLA615109N3101	1



	SAT twin outlet F type F type isolated dead-end-feeder.		
Stainless Steel	AM32344-ST	2CLA625109N1101	1
Silk Black	AM32344-SB	2CLA625109N1501	1
Antique Gold	AM32344-AG	2CLA625109N1601	1
Matt Gold	AM32344-MG	2CLA625109N1701	1
White Glass	AM32344-WG	2CLA625109N3001	1
Black Glass	AM32344-BG	2CLA625109N3101	1

Millenium - Complete sets (AM)

Voice data & information connectors


Product	Article-No.	Order-No.	Pack/Qty
	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
White Glass	AM55044-WG	2CLA620729N3001	1
Black Glass	AM55044-BG	2CLA620729N3101	1


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Double rotary dimmer, 2x1-gang Rated voltage: 230V~ +/-10 50 Hz. Min. power: 20W / VA. Max. power: - Incandescent lamps: 250 W. - Halogen lamps with ferromagnetic transformers: 150 VA. Operating temperature: 0° C to +30° C. For special ambient temperature read the recommendations in the user's manual.		
Stainless Steel	AM41244-ST	2CLA616039N1101	1
Silk Black	AM41244-SB	2CLA616039N1501	1
Antique Gold	AM41244-AG	2CLA616039N1601	1
Matt Gold	AM41244-MG	2CLA616039N1701	1
White Glass	AM41244-WG	2CLA616039N3001	1
Black Glass	AM41244-BG	2CLA616039N3101	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
White Glass	AM41344-WG	2CLA626039N3001	1
Black Glass	AM41344-BG	2CLA626039N3101	1


Millenium - Complete sets (AM)


Thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Thermostat 2 pipe w/blue display Rated voltage: 250Vac Rated power: 200W Sensor: NTC Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C Depth: 25,5 mm.		
Stainless Steel	AM41786-ST	2CLA624059N1101	1
Silk Black	AM41786-SB	2CLA624059N1501	1
Antique Gold	AM41786-AG	2CLA624059N1601	1
Matt Gold	AM41786-MG	2CLA624059N1701	1
White Glass	AM41786-WG	2CLA624059N3001	1
Black Glass	AM41786-BG	2CLA624059N3101	1


	Thermostat 4 pipe w/blue display Rated voltage: 250Vac Rated power: 200W Sensor: NTC Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C Depth: 25,5 mm.		
Stainless Steel	AM42086-ST	2CLA624069N1101	1
Silk Black	AM42086-SB	2CLA624069N1501	1
Antique Gold	AM42086-AG	2CLA624069N1601	1
Matt Gold	AM42086-MG	2CLA624069N1701	1
White Glass	AM42086-WG	2CLA624069N3001	1
Black Glass	AM42086-BG	2CLA624069N3101	1


Hotel equipment


	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

Product	Article-No.	Order-No.	Pack/Qty
	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
White Glass	AM40244-WG	2CLA621419N3001	1
Black Glass	AM40244-BG	2CLA621419N3101	1

	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
White Glass	AM40544-WG	2CLA621459N3001	1
Black Glass	AM40544-BG	2CLA621459N3101	1

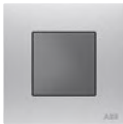
	Spare Led for card switches Rated voltage: 250Vac Rated current: 0.7mA Frontal replacement.		
	AM50093-BL	2CLA619309N1001	1


	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
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


Millenium - Complete sets (AM)







Various

Product	Article-No.	Order-No.	Pack/Qty
	Blank plate Premium size		
Stainless Steel	AM50444-ST	2CLA620009N1101	1
Silk Black	AM50444-SB	2CLA620009N1501	1
Antique Gold	AM50444-AG	2CLA620009N1601	1
Matt Gold	AM50444-MG	2CLA620009N1701	1
White Glass	AM50444-WG	2CLA620009N3001	1
Black Glass	AM50444-BG	2CLA620009N3101	1

	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
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
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
White Glass	AM50753-WG	2CLA630829N3001	1
Black Glass	AM50753-BG	2CLA630829N3101	1

Product	Article-No.	Order-No.	Pack/Qty
     	For use with: AM11120-XX, AMD11120-XX, AM18120-XX, AMD18120-XX, AM42920-XX, AMD42920-XX, AM18144-XX, AMD18144-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 - Grid system for combination (AMD)

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 and 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

Rocker switch

Product	Article-No.	Order-No.	Pack/Qty
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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
White Glass	AMD10120-WG	2CLA610100N3001	10
Black Glass	AMD10120-BG	2CLA610100N3101	10



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
White Glass	AMD10520-WG	2CLA610200N3001	5
Black Glass	AMD10520-BG	2CLA610200N3101	5

Product	Article-No.	Order-No.	Pack/Qty
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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
White Glass	AMD11920-WG	2CLA611000N3001	5
Black Glass	AMD11920-BG	2CLA611000N3101	5





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
White Glass	AMD11020-WG	2CLA610110N3001	10
Black Glass	AMD11020-BG	2CLA610110N3101	10


Millenium - Grid system for combination (AMD)


Rocker switch

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
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
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
White Glass	AMD10920-WG	2CLA610140N3001	5
Black Glass	AMD10920-BG	2CLA610140N3101	5

	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
White Glass	AMD43020-WG	2CLA610400N3001	5
Black Glass	AMD43020-BG	2CLA610400N3101	5


Product	Article-No.	Order-No.	Pack/Qty
	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
White Glass	AMD42920-WG	2CLA610440N3001	5
Black Glass	AMD42920-BG	2CLA610440N3101	5


Rocker switch frames


	Rocker switch frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.		
Stainless Steel	AMD5120-ST	2CLA617100N1101	10
Silk Black	AMD5120-SB	2CLA617100N1501	10
Antique Gold	AMD5120-AG	2CLA617100N1601	10
Matt Gold	AMD5120-MG	2CLA617100N1701	10
White Glass	AMD5120-WG	2CLA617100N3001	4
Black Glass	AMD5120-BG	2CLA617100N3101	4


Millenium - Grid system for combination (AMD)


Premium rocker switch


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	AMD10144-ST	2CLA620100N1101	10
Silk Black	AMD10144-SB	2CLA620100N1501	10
Antique Gold	AMD10144-AG	2CLA620100N1601	10
Matt Gold	AMD10144-MG	2CLA620100N1701	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		
Stainless Steel	AMD10544-ST	2CLA620200N1101	10
Silk Black	AMD10544-SB	2CLA620200N1501	10
Antique Gold	AMD10544-AG	2CLA620200N1601	10
Matt Gold	AMD10544-MG	2CLA620200N1701	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		
Stainless Steel	AMD11944-ST	2CLA621000N1101	10
Silk Black	AMD11944-SB	2CLA621000N1501	10
Antique Gold	AMD11944-AG	2CLA621000N1601	10
Matt Gold	AMD11944-MG	2CLA621000N1701	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		
Stainless Steel	AMD11044-ST	2CLA620110N1101	10
Silk Black	AMD11044-SB	2CLA620110N1501	10
Antique Gold	AMD11044-AG	2CLA620110N1601	10
Matt Gold	AMD11044-MG	2CLA620110N1701	10
White Glass	AMD11044-WG	2CLA620110N3001	5
Black Glass	AMD11044-BG	2CLA620110N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
Stainless Steel	AMD11544-ST	2CLA620210N1101	10
Silk Black	AMD11544-SB	2CLA620210N1501	10
Antique Gold	AMD11544-AG	2CLA620210N1601	10
Matt Gold	AMD11544-MG	2CLA620210N1701	10
White Glass	AMD11544-WG	2CLA620210N3001	5
Black Glass	AMD11544-BG	2CLA620210N3101	5

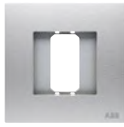
	Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	AMD43044-ST	2CLA620400N1101	10
Silk Black	AMD43044-SB	2CLA620400N1501	10
Antique Gold	AMD43044-AG	2CLA620400N1601	10
Matt Gold	AMD43044-MG	2CLA620400N1701	10
White Glass	AMD43044-WG	2CLA620400N3001	5
Black Glass	AMD43044-BG	2CLA620400N3101	5

	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	AMD42944-ST	2CLA620440N1101	10
Silk Black	AMD42944-SB	2CLA620440N1501	10
Antique Gold	AMD42944-AG	2CLA620440N1601	10
Matt Gold	AMD42944-MG	2CLA620440N1701	10
White Glass	AMD42944-WG	2CLA620440N3001	5
Black Glass	AMD42944-BG	2CLA620440N3101	5

Millenium - Grid system for combination (AMD)

Premium rocker frames

Product	Article-No.	Order-No.	Pack/Qty
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Premium rocker switch frame 1-gang
Includes metal mounting frame
Dimensions 86x86 mm.

Stainless Steel	AMD5044-ST	2CLA617110N1101	10
Silk Black	AMD5044-SB	2CLA617110N1501	10
Antique Gold	AMD5044-AG	2CLA617110N1601	10
Matt Gold	AMD5044-MG	2CLA617110N1701	10
White Glass	AMD5044-WG	2CLA617110N3001	4
Black Glass	AMD5044-BG	2CLA617110N3101	4

Product	Article-No.	Order-No.	Pack/Qty
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Premium/double rocker switch frame 2-gang
Includes metal mounting frame
Dimensions 86x147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 3-gang
Includes metal mounting frame
Dimensions 86x228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2





Premium/half/double rocker switch frame 4-gang
Includes metal mounting frame
Dimensions 86x293 mm.


Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2


Millenium - Grid system for combination (AMD)


Half/double rocker switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, 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
White Glass	AMD10222-WG	2CLA680100N3001	5
Black Glass	AMD10222-BG	2CLA680100N3101	5


	Switch 1-gang, 2-way, 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
White Glass	AMD10622-WG	2CLA680200N3001	5
Black Glass	AMD10622-BG	2CLA680200N3101	5


	Switch 1-gang, intermediate, 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
White Glass	AMD12922-WG	2CLA681000N3001	5
Black Glass	AMD12922-BG	2CLA681000N3101	5

	Push button 1-gang, 1-way, 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
White Glass	AMD43222-WG	2CLA680400N3001	5
Black Glass	AMD43222-BG	2CLA680400N3101	5

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, 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
White Glass	AMD11422-WG	2CLA680110N3001	5
Black Glass	AMD11422-BG	2CLA680110N3101	5

	Switch 1-gang, 2-way, 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
White Glass	AMD11622-WG	2CLA680210N3001	5
Black Glass	AMD11622-BG	2CLA680210N3101	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
White Glass	AMD11844-WG	2CLA624410N3001	5
Black Glass	AMD11844-BG	2CLA624410N3101	5

	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
White Glass	AMD40344-WG	2CLA621580N3001	5
Black Glass	AMD40344-BG	2CLA621580N3101	5

Millenium - Grid system for combination (AMD)

Half/double rocker & other functions frames

Product	Article-No.	Order-No.	Pack/Qty
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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
White Glass	AMD40444-WG	2CLA621500N3001	5
Black Glass	AMD40444-BG	2CLA621500N3101	5

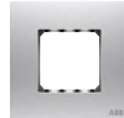


Fan isolator 3 poles double 10A

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
White Glass	AMD13444-WG	2CLA620500N3001	5
Black Glass	AMD13444-BG	2CLA620500N3101	5

Product	Article-No.	Order-No.	Pack/Qty
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Half/double rocker & other functions frame 1-gang

Includes metal mounting frame
Dimensions 86x86 mm.

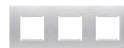
Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10



Premium/half/double rocker switch frame 2-gang

Includes metal mounting frame
Dimensions 86x147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 3-gang

Includes metal mounting frame
Dimensions 86x228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2



Premium/half/double rocker switch frame 4-gang

Includes metal mounting frame
Dimensions 86x293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Millenium - Grid system for combination (AMD)

Triple rocker switches

Product	Article-No.	Order-No.	Pack/Qty
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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
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

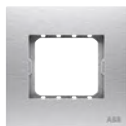
Stainless Steel	AMD12153-ST	2CLA630210N1101	10
Silk Black	AMD12153-SB	2CLA630210N1501	10
Antique Gold	AMD12153-AG	2CLA630210N1601	10
Matt Gold	AMD12153-MG	2CLA630210N1701	10
White Glass	AMD12153-WG	2CLA630210N3001	5
Black Glass	AMD12153-BG	2CLA630210N3101	5



Push button 3-gang, 2-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
White Glass	AMD43053-WG	2CLA630400N3001	5
Black Glass	AMD43053-BG	2CLA630400N3101	5

Product	Article-No.	Order-No.	Pack/Qty
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Triple rocker switch/KNX sensors frame 1-gang
Includes metal mounting frame
Dimensions 86x86 mm.

Stainless Steel	AMD5153-ST	2CLA637100N1101	10
Silk Black	AMD5153-SB	2CLA637100N1501	10
Antique Gold	AMD5153-AG	2CLA637100N1601	10
Matt Gold	AMD5153-MG	2CLA637100N1701	10
White Glass	AMD5153-WG	2CLA637100N3001	10
Black Glass	AMD5153-BG	2CLA637100N3101	10




Triple rocker switch/KNX sensors frame 2-gang
Includes metal mounting frame
Dimensions 86x147 mm.

Stainless Steel	AMD5253-ST	2CLA667200N1101	10
Silk Black	AMD5253-SB	2CLA667200N1501	10
Antique Gold	AMD5253-AG	2CLA667200N1601	10
Matt Gold	AMD5253-MG	2CLA667200N1701	10
White Glass	AMD5253-WG	2CLA667200N3001	5
Black Glass	AMD5253-BG	2CLA667200N3101	5


Millenium - Grid system for combination (AMD)


Socket outlet

Product	Article-No.	Order-No.	Pack/Qty	
 <p>Universal socket outlet Rated voltage/current: 230Vac/13A, 127Vac/15A Child protection Combination with frames AMD5144-XX & AMD5244-XX</p>	Anthracite	AMD39144-AN	2CLA623900N1801	1
	White	AMD39144-WP	2CLA623900N2001	1

Product	Article-No.	Order-No.	Pack/Qty
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USB charger


 <p>USB charger 2A, 1-gang - 1M Input voltage: 110-230V AC \pm 10%; 50/60 Hz Input current: <0.2A AC at maximum load Consumption in standby: <10 mW at 230 VAC, without load Nominal output voltage: 5 VDC +5/-5% Output current per plug: 2000mA at 5 V DC Operating temperature: 0°C to 45°C Energy efficiency: > 79% Overload protection and auto-restart Combination with frames: AMD5144-XX & AMD5244-XX</p>	Anthracite	AMD85222-AN	2CLA618520N1801	1
	White	AMD85222-WP	2CLA618520N2001	1


 <p>USB charger 1.500mA, 2-gang - 2M "Input voltage: 100 - 240 Vac \pm10%; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc \pm5%. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: <= 0,3W@230Vac. Energy efficiency: >= 71%. Operating temperature: 0°C to 35°C. Combination with frames: AMD5144-XX & AMD5244-XX</p>	Anthracite	AMD85144-AN	2CLA628500N1801	1
	White	AMD85144-WP	2CLA628500N2001	2


Millenium - Grid system for combination (AMD)


Voice data & information connectors


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

	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	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	AMD33244-AN	2CLA621640N1801	10
White	AMD33244-WP	2CLA621640N2001	10

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	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	AMD33644-AN	2CLA621680N1801	5
White	AMD33644-WP	2CLA621680N2001	5

Millenium - Grid system for combination (AMD)

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty
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Data outlet RJ45 Cat 6 UTP 1-gang - 1M
8 pole UTP
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	AMD33322-AN	2CLA611860N1801	10
White	AMD33322-WP	2CLA611860N2001	10



Data outlet RJ45 Cat 6A UTP 1-gang - 1M
8 pole UTP
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	AMD33422-AN	2CLA611870N1801	10
White	AMD33422-WP	2CLA611870N2001	10



TV/SAT terminal outlet F type - 1M
F type isolated dead-end-feeder.
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	AMD30322-AN	2CLA615000N1801	10
White	AMD30322-WP	2CLA615000N2001	10



TV terminal outlet M type - 1M
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
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	AMD30122-AN	2CLA615070N1801	10
White	AMD30122-WP	2CLA615070N2001	10



TV/SAT terminal outlet F type - 2M
F type isolated dead-end-feeder.
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	AMD30344-AN	2CLA625000N1801	5
White	AMD30344-WP	2CLA625000N2001	5



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	AMD55222-AN	2CLA615520N1801	1
White	AMD55222-WP	2CLA615520N2001	1

Product	Article-No.	Order-No.	Pack/Qty
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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	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	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	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
90° angle
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.

Anthracite	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
90° angle
Combination with frames: AMD5144-XX,
AMD5244-XX, AMD5344-XX & AMD5444-XX.


Anthracite	AMD55922-AN	2CLA615590N1801	1
White	AMD55922-WP	2CLA615590N2001	1

Millenium - Grid system for combination (AMD)


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	LED rotatory/push dimmer - 2M Rated voltage: 230 Vac ± 10%. Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA). Power (min./max load): - LEDi: 2 / 100 W/VA (max. 10 lamps). - Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps). - LV LEDi with transformer (only type L or LC): 4 / 100 W/VA (max. 10 lamps). - Incandescent lamps: 10 / 250 W/VA. - Halogen lamps: 10 / 250 W/VA. - LV halogen with transformer (only type L or LC): 10 / 250 W/VA (max. 10 lamps). 2 wire connection. Optional: auxiliary on/off with 2-way switch. Indicator LED lamp included. Back-up fuse: Electronic. Overload protection: Electronic. Ambient temperature: 0° C to +35° C. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	AMD60344-AN	2CLA626030N1801	1
White	AMD60344-WP	2CLA626030N2001	1



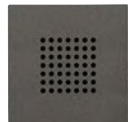
	Universal rotatory/push dimmer - 2M Rated voltage: 230 Vac ; 50 Hz. Min. power: 60 W / VA. Max. power: - Incandescent: 500 W. - Halogen lamp with electronic transformer: 500 VA. - Halogen lamp with ferromagnetic transformer: 400 VA. 2 wire connection. Optional: auxiliary control with push-buttons. Indicator LED lamp included. Operating temperature: 0° C to +30° C. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	AMD60244-AN	2CLA626020N1801	1
White	AMD60244-WP	2CLA626020N2001	1

	1-10V rotary dimmer - 2M Rated voltage: 127 - 230 Vac ; 50-60 Hz Dimmable electronic ballast/driver with 1-10V control input. Max. power: - 230 Vac: 700 VA. - 127 Vac: 350 VA. Max. 6 ballasts per device. Indicator LED lamp included. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	AMD60944-AN	2CLA626090N1801	1
White	AMD60944-WP	2CLA626090N2001	1

Motion sensor


Product	Article-No.	Order-No.	Pack/Qty
	110° motion sensor - 2M Rated voltage: 127 - 230 Vac ± 10% ; 50 - 60 Hz Outputs: 1 Normally Open (NO). Potential free Max. power: - Incandescent: 1.800W @230Vac / 1.000W @127Vac - Halogen with electronic or ferromagnetic transformer: 750VA @230Vac / 400VA @127Vac - Fluorescent lamps or motors: 400VA @230Vac / 200VA @127Vac For automatic switching of devices dependent on motion and brightness. With integrated selector switch for ON-AUTOMATIC-OFF in the front side. Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side). Detection range: 5 m radius. Adjustable light set point level for activation (from the front side). Detection angle: 110 ° Mounting height: 1,2 m Auxiliary control with push-buttons Temperature range (Device): -10 °C to 40 °C Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	AMD41144-AN	2CLA624100N1801	1
White	AMD41144-WP	2CLA624100N2001	1


Various


	Blank insert 1M Blank insert 1 module Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	AMD50422-AN	2CLA610000N1801	10
White	AMD50422-WP	2CLA610000N2001	10
	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	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	AMD24144-AN	2CLA622400N1801	5
White	AMD24144-WP	2CLA622400N2001	5


Millenium - Grid system for combination (AMD)


Sound system


Product	Article-No.	Order-No.	Pack/Qty
	FM stereo receiver with RDS Rated voltage: 230 Vac $\pm 15\%$ / 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% distortion (16 W) Speaker Impedance: 16 W (2+2 W audio) Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	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	AMD68344-AN	2CLA626830N1801	1
White	AMD68344-WP	2CLA626830N2001	1


	Remote control unit for 9368.1 Power supply: 230 V~ / 127 V~; $\pm 15\%$; 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	AMD68244-AN	2CLA626820N1801	1
White	AMD68244-WP	2CLA626820N2001	1

	Radio/amplifier module for ceiling with Bluetooth® 9368.1 Bluetooth®: 230 V~ / 127 V~; $\pm 15\%$; 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

Product	Article-No.	Order-No.	Pack/Qty
	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 frequency: 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 - Grid system for combination (AMD)

ABB-free@home®

Product	Article-No.	Order-No.	Pack/Qty
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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



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

Product	Article-No.	Order-No.	Pack/Qty
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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	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 - Grid system for combination (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	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 functions. 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	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

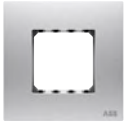
	Watchdog sensor 180 cover plate. Cover plate ABB-free@home® for Watchdog sensor MSA-F-1.1.PB.1. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite	CP-MD-AMAN	2CLA624160N1801	5
White	CP-MD-AMWP	2CLA624160N2001	5

	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	SBL-AMAN	2CLA602610N1801	20
Light White	SBL-AMWP	2CLA602610N2001	20
Blind Anthracite	SBB-AMAN	2CLA602620N1801	20
Blind White	SBB-AMWP	2CLA602620N2001	20
Scene Anthracite	SBS-AMAN	2CLA602630N1801	20
Scene White	SBS-AMWP	2CLA602630N2001	20
Dimmer Anthracite	SBD-AMAN	2CLA602640N1801	20
Dimmer White	SBD-AMWP	2CLA602640N2001	20

Millenium - Grid system for combination (AMD)

Half/double rocker & other functions frames

Product	Article-No.	Order-No.	Pack/Qty
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Half/double rocker & other functions frame 1-gang
Includes metal mounting frame
Dimensions 86 x 86 mm.

Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10

Product	Article-No.	Order-No.	Pack/Qty
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Premium/half/double rocker switch frame 2-gang
Includes metal mounting frame
Dimensions 86 x 147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 3-gang
Includes metal mounting frame
Dimensions 86 x 228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2

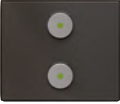








Premium/half/double rocker switch frame 4-gang
Includes metal mounting frame
Dimensions 86 x 293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Millenium - Grid system for combination (AMD)

KNX system

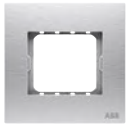
Product	Article-No.	Order-No.	Pack/Qty
	2-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
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. Dimensions: (L x W x D): 53 mm. x 44 mm.		
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. Dimensions: (L x W x D): 53 mm. x 44 mm.		
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. Dimensions: (L x W x D): 53 mm. x 44 mm.		
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. Dimensions: (L x W x D): 53 mm x 44 mm 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. Dimensions: (L x W x D): 53 mm. x 44 mm.		
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 - Grid system for combination (AMD)

Triple rocker & KNX sensor frames

Product	Article-No.	Order-No.	Pack/Qty
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Triple rocker switch/KNX sensors frame 1-gang
Includes metal mounting frame
Dimensions 86 x 86 mm.

Stainless Steel	AMD5153-ST	2CLA637100N1101	10
Silk Black	AMD5153-SB	2CLA637100N1501	10
Antique Gold	AMD5153-AG	2CLA637100N1601	10
Matt Gold	AMD5153-MG	2CLA637100N1701	10
White Glass	AMD5153-WG	2CLA637100N3001	10
Black Glass	AMD5153-BG	2CLA637100N3101	10



Triple rocker switch/KNX sensors frame 2-gang
Includes metal mounting frame
Dimensions 86 x 147 mm.

Stainless Steel	AMD5253-ST	2CLA667200N1101	10
Silk Black	AMD5253-SB	2CLA667200N1501	10
Antique Gold	AMD5253-AG	2CLA667200N1601	10
Matt Gold	AMD5253-MG	2CLA667200N1701	10
White Glass	AMD5253-WG	2CLA667200N3001	5
Black Glass	AMD5253-BG	2CLA667200N3101	5

Special metal mounting plate for KNX sensors







Special mounting plate KNX sensors 1G

AMD5053	2CLA627190N1001	6
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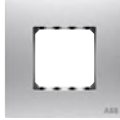



Product	Article-No.	Order-No.	Pack/Qty
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Millenium - Grid system for combination (AMD)

Access control KNX




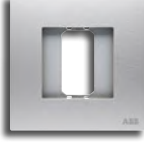


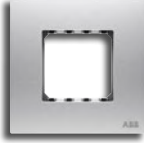
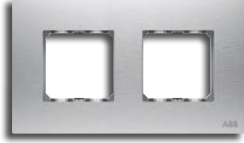

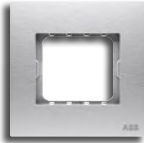
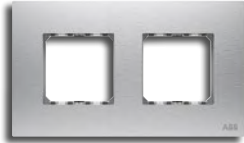
Product	Article-No.	Order-No.	Pack/Qty
	Mifare transponder reader 1) Access Control transponder reader able to be completely integrated into every KNX installation. 2) 1 binary input for connecting cardholder 3) 1 output 4A (24 V AC/DC) Required additional power supply (10...32 V DC/ 12...24 V AC) Combination 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
	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

Half/double rocker & other functions frames

Product	Article-No.	Order-No.	Pack/Qty
	Half/double rocker & other functions frame 1-gang Includes metal mounting frame Dimensions 86 x 86 mm.		
Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10
	Premium/half/double rocker switch frame 2-gang Includes metal mounting frame Dimensions 86 x 147 mm.		
Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5
	Premium/half/double rocker switch frame 3-gang Includes metal mounting frame Dimensions 86 x 228 mm.		
Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2
	Premium/half/double rocker switch frame 4-gang Includes metal mounting frame Dimensions 86 x 293 mm.		
Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Millenium

Grid system frames selection table

	1 gang frame	2 gang frame
Rocker switch	AMD5120-ST, SB, AG, MG	
		
Premium rocker switch	AMD5044-ST, SB, AG, MG, WG, BG	AMD5244-ST, SB, AG, MG, WG, BG
		
Half/Double rockers switch and other functions	AMD5144-ST, SB, AG, MG, WG, BG	AMD5244-ST, SB, AG, MG, WG, BG
		
Triple rocker switch & KNX sensors	AMD5133-ST, SB, AG, MG, WG, BG	AMD5253-ST, SB, AG, MG, WG, BG
		

3 gang frame**4 gang frame****Mounting plate**

Included

AMD5344-ST, SB, AG, MG, WG, BG

AMD5444-ST, SB, AG, MG, WG, BG



Included

AMD5344-ST, SB, AG, MG, WG, BG

AMD5444-ST, SB, AG, MG, WG, BG



Included

AMD5053



Millenium - Combination sets (AMD)

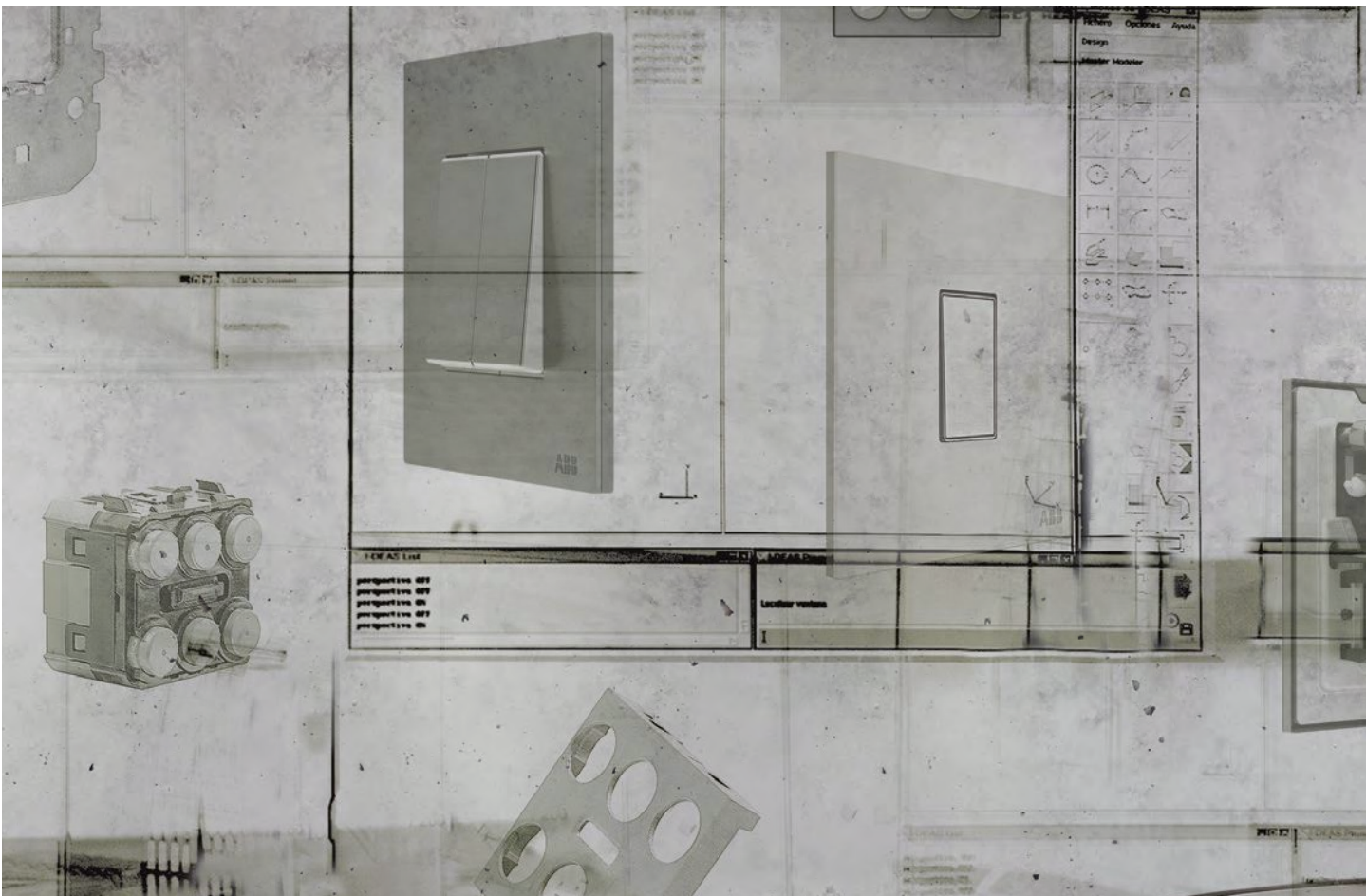
International standard

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, cord outlet	BS 1363-4	Specification for 13A fused connection units switched and unswitched
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 / MS 589-2 / SS 145	13A switched and unswitched socket outlets
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

Diagrams, technical data and measurements

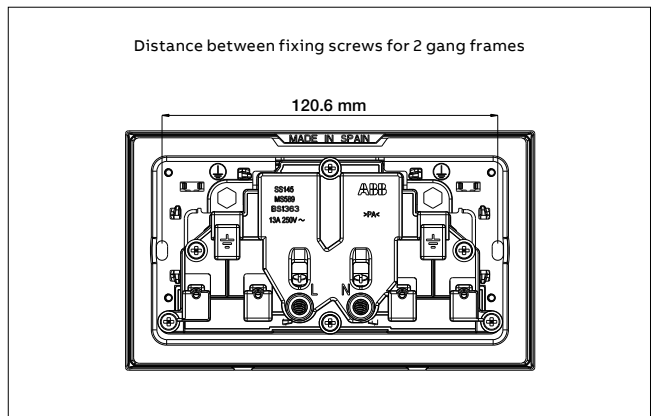
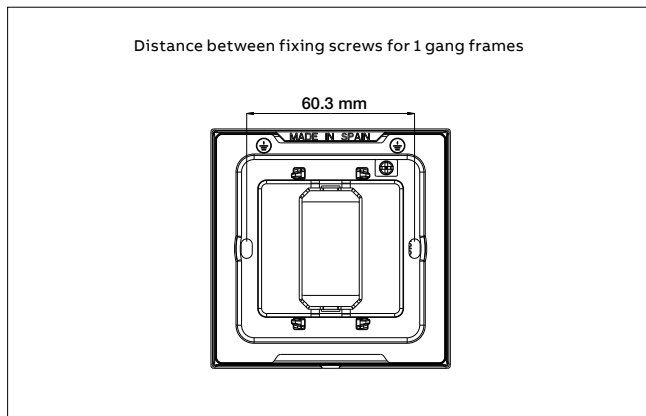
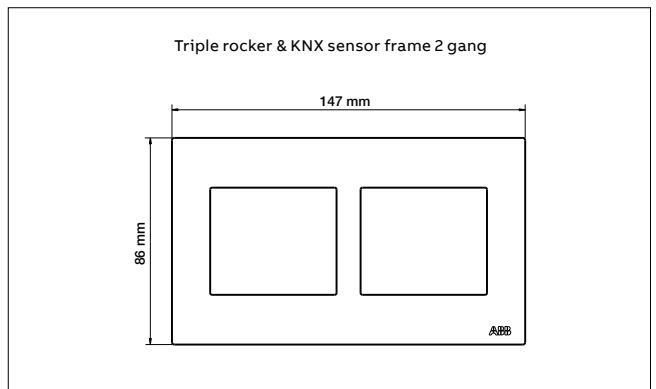
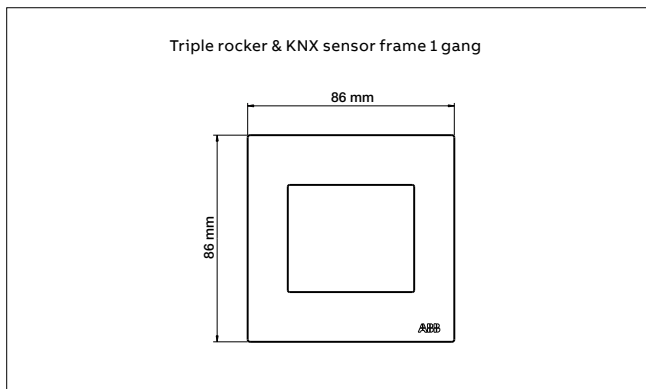
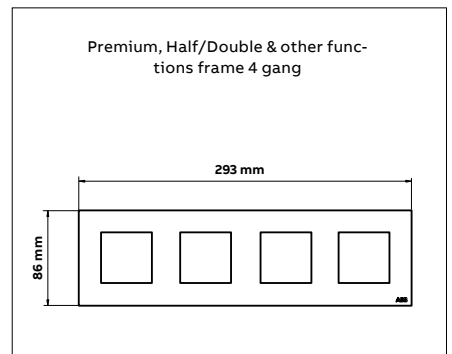
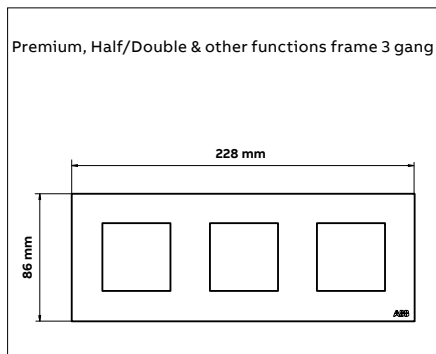
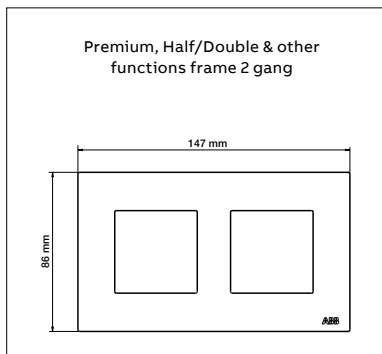
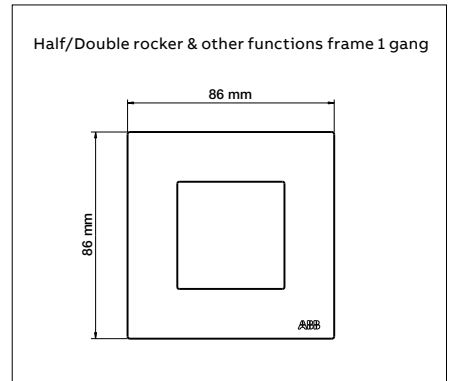
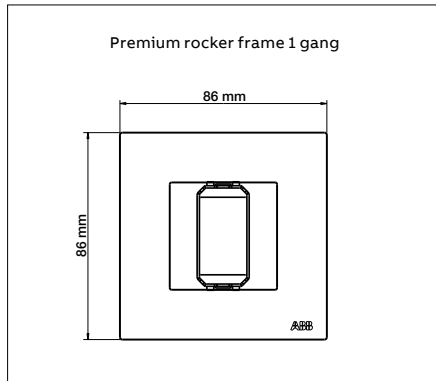
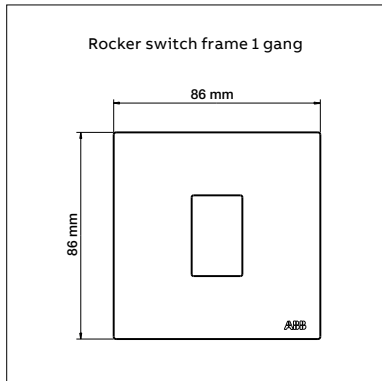
All of the information at your disposal

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

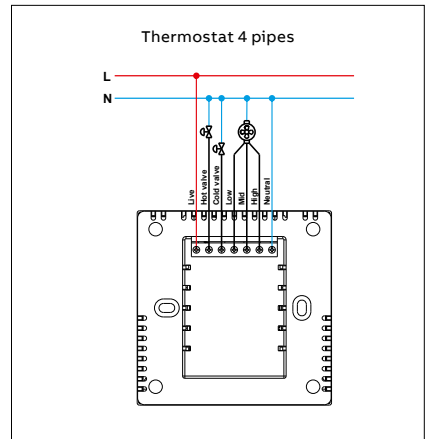
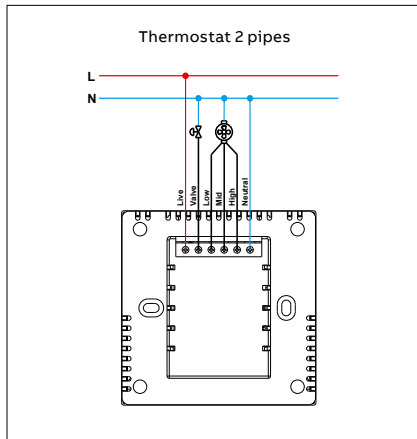
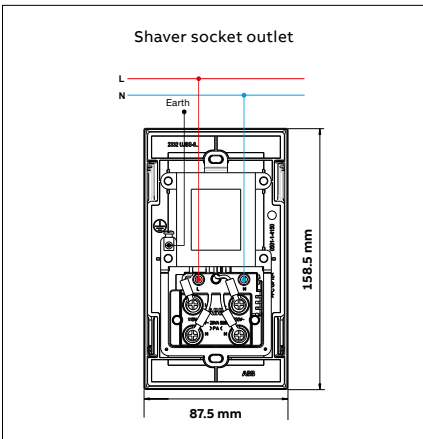
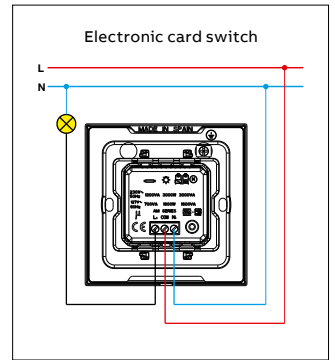
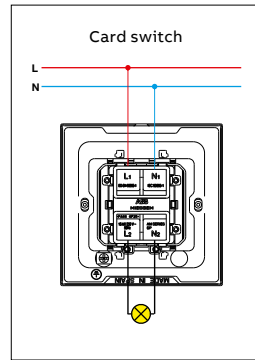
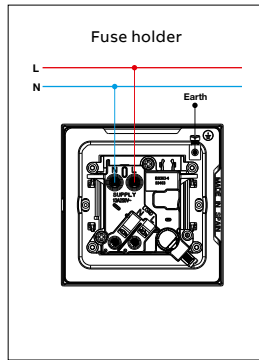
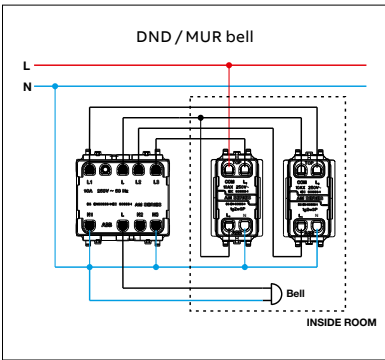
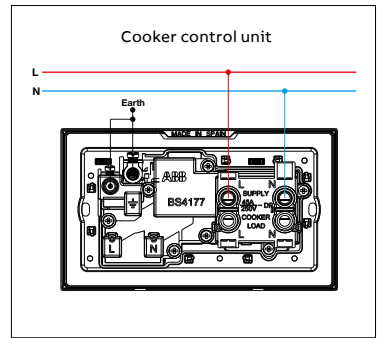
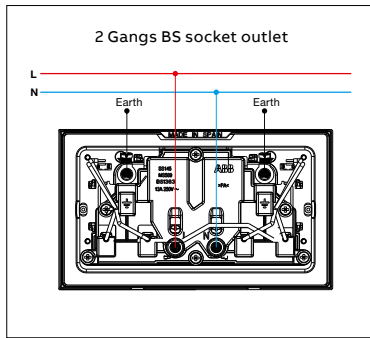
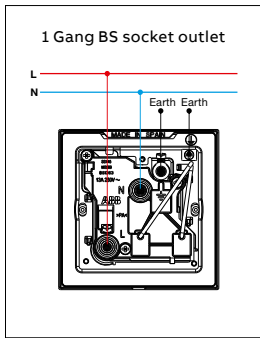
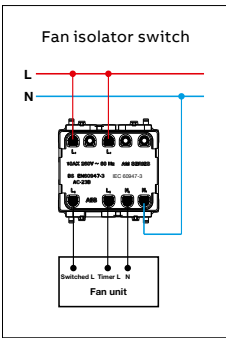
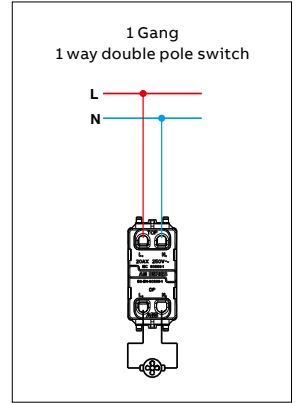
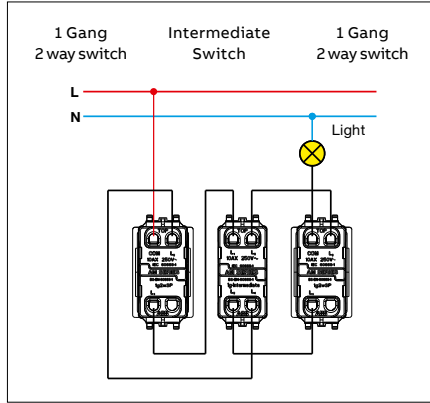
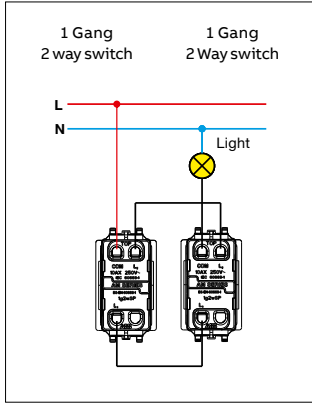
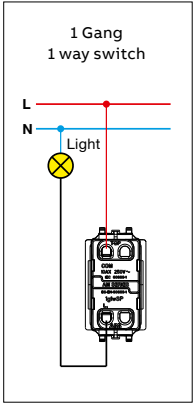
Frame dimensions



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

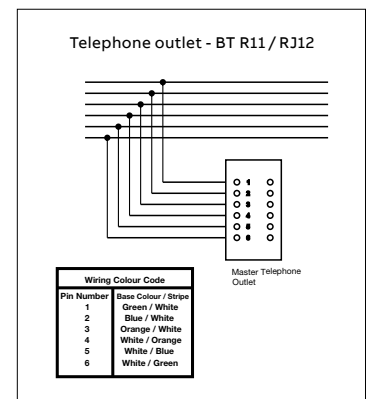
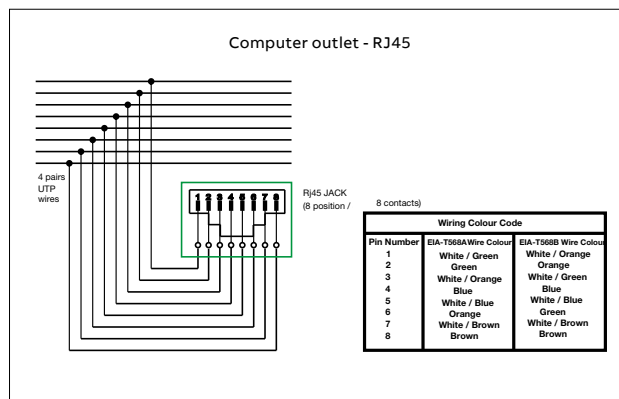
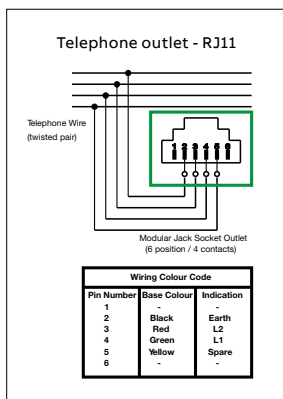
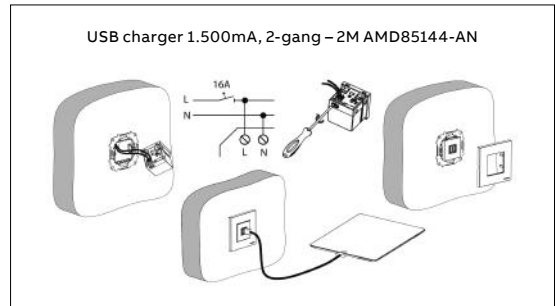
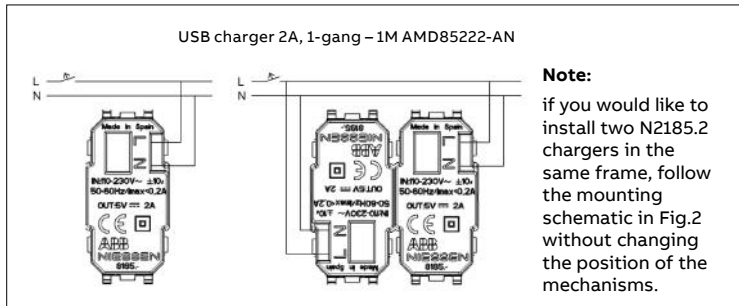
Millenium

Circuit connection diagrams



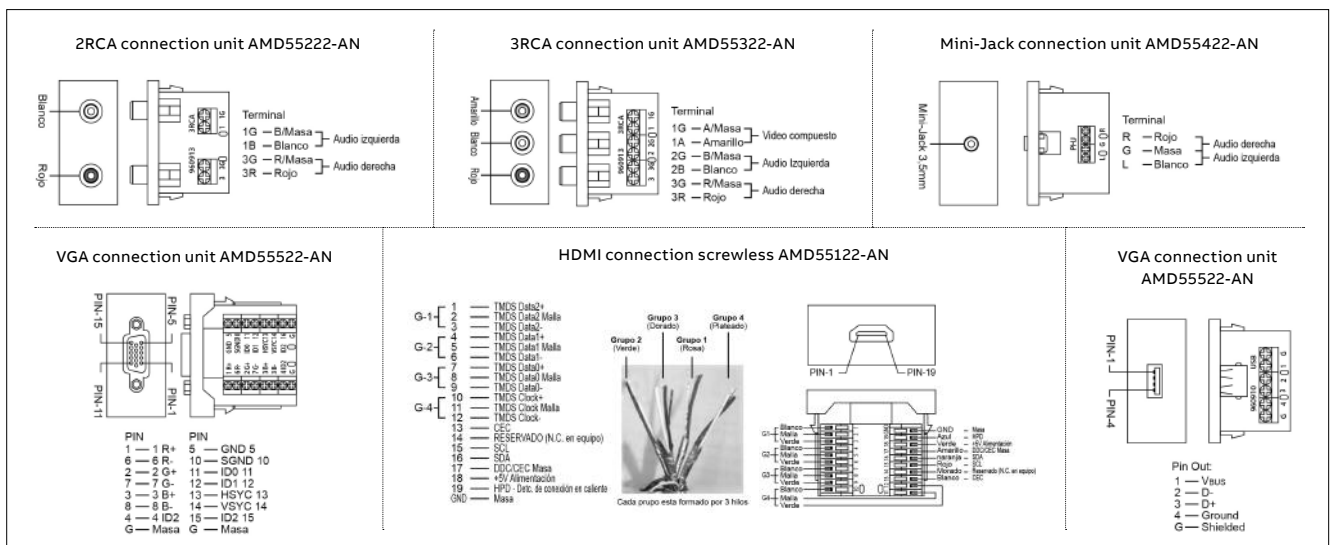
Millenium

Circuit connection diagrams



TV & SAT technical specifications

TV				SAT OUTLET			
Frequency (Mhz)	Insertion Loss (dB)	Output return loss (dB)	Voltage resistance	Frequency (Mhz)	Insertion Loss (dB)	Output return loss (dB)	Voltage resistance
5 ~ 550	< 2.5	> 16	2 KV	5 ~ 550	< 0.5	> 18	2 KV
550 ~ 750	< 2.5	> 14		550 ~ 750	< 0.8	> 18	
750 ~ 1000	< 2.5	> 14		750 ~ 1000	< 0.8	> 16	



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

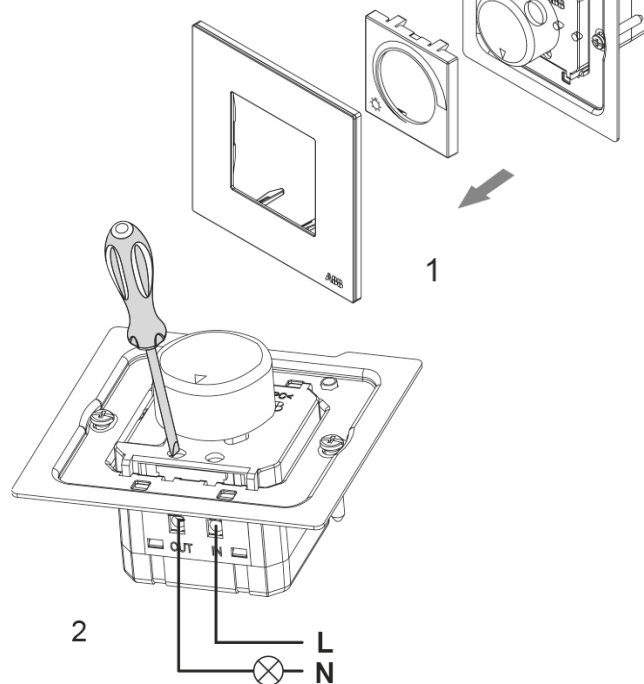
LV halogen lamps with transformer ⁽¹⁾

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

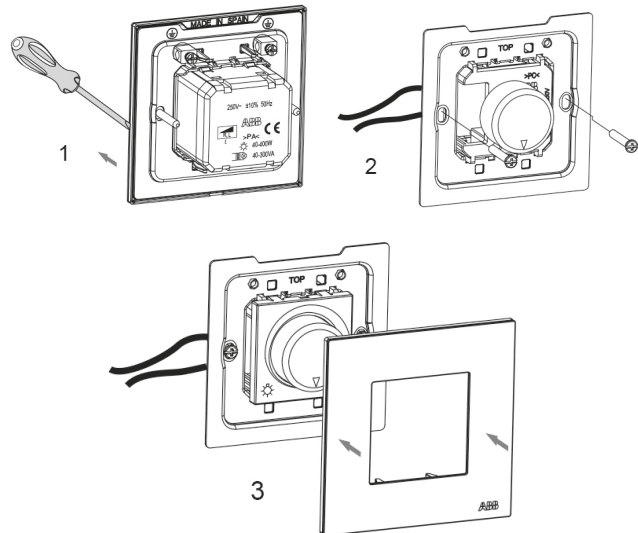
EMC COMPLIANT ACCORDING IEC 60669-2-1.

3.- Assembly / Connection

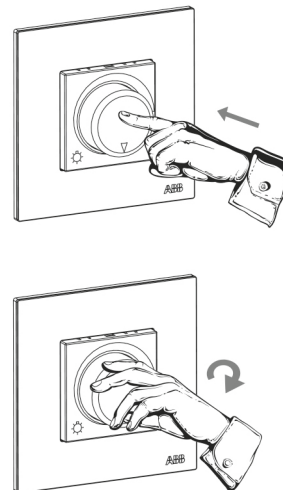
3.1 Wiring diagram



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 °C.

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.

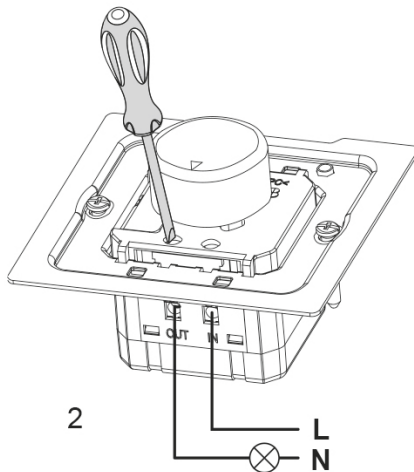
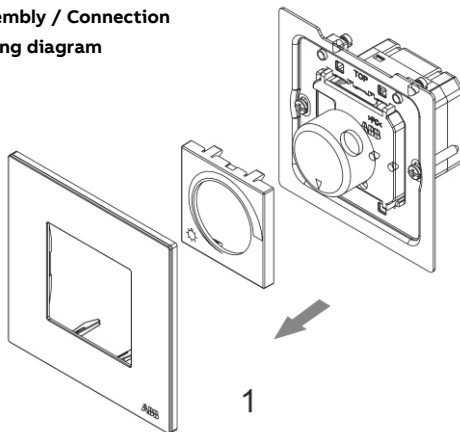
Short Circuit

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

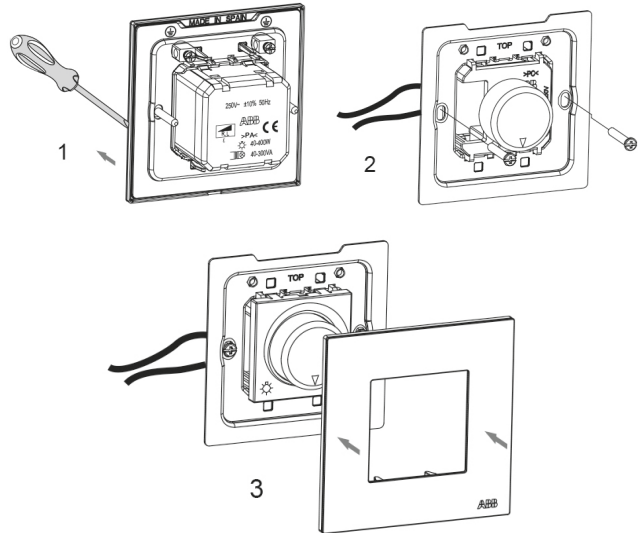
Note: Disconnect the device from the power supply if you are making changes to the load.

2.- Assembly / Connection

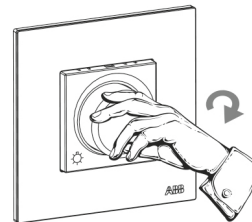
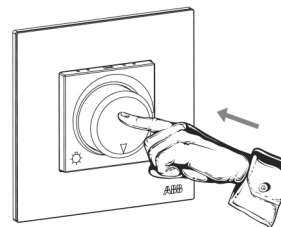
2.1 Wiring diagram



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

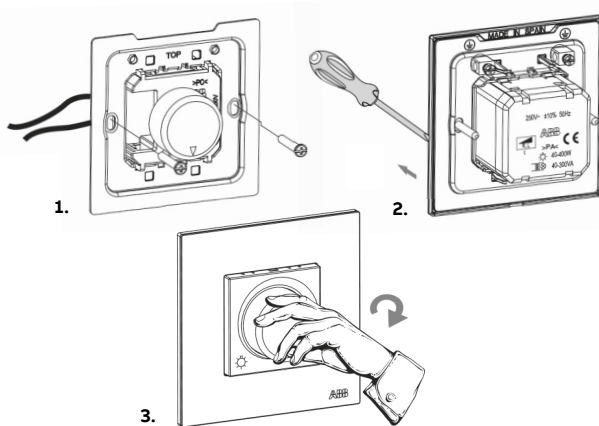
- **Load type:** Dimmable electronic ballast with 1-10V control input.

2.- Assembly/Connection

2.1.- Connection

Follow the steps below to install the mechanism:

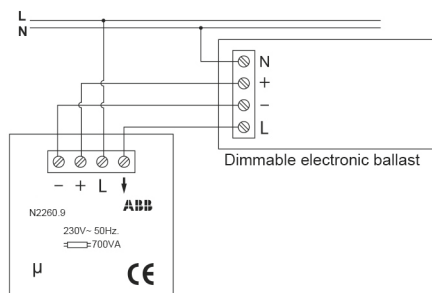
1. Connect the device according to the connection schemes. Figure 2 and Figure 3.
2. Assemble the device on the flush mounting box.
3. Then, place the plate.



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.

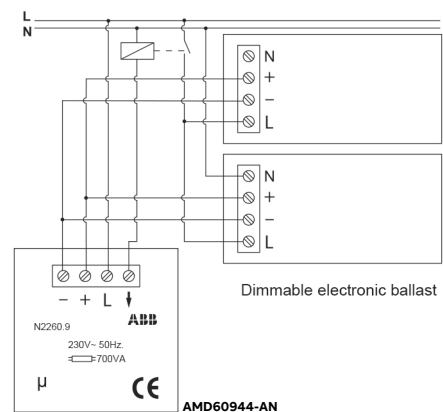


Figure 3: Connection using a contactor

Millenium

Movement detector AMD41144-AN

1.- Introduction

This motion detector device senses the movement of people in an area of 5m (maximum) and in a 110° angle.

Depending on the level of light detected by the light sensor and the motion detected in the covered area, the device determines if the load connected to it should be activated or not, thus lighting the area in which it is connected whenever someone passes.

While it is detecting movement, the device maintains the load activated. When it stops detecting motion it disconnects the loads in the preset time.

The device enables remote control through conventional push buttons with the use of only one conductor and thus simplifying electrical installations with the possibility to substitute the traditional switched installations.

2.- Technical Characteristics:

Power supply: 230 V~ ; 50 Hz
127 V~ ; 60 Hz

Maximum power:

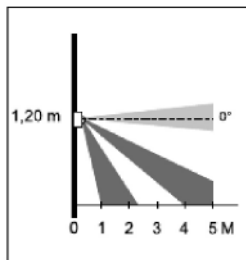
Incandescent lamps: 1,800 W (230 V~ 50 Hz)
1,000 W (127 V~ 60 Hz)

Halogen lamps with electronic transformer, or halogen lamps with ferromagnetic transformer:
750 VA (230 V~ ; 50 Hz)
400 VA (127 V~ ; 60 Hz)

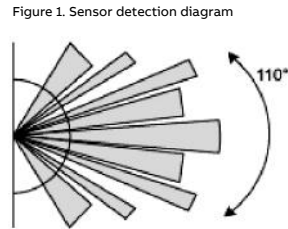
Fluorescent lamps or motors: 400 VA (230 V~ ; 50 Hz)
200 VA (127 V~ ; 60 Hz)

Voltage free relay output: 2 terminals:

- Timer adjustment: Between 10 sec. and 10 minutes.
- Adjustment of light set point level for detection.
- Room temperature for operation: -10° C to 40° C.
- Detection range of the IR motion sensor: Max. 5 metres in a 110° angle.



Cross section diagram showing the detection area



Horizontal view diagram showing the detection area

Front Device Description

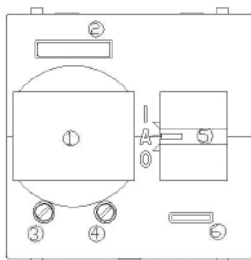


Fig 2.- Front view of the device

- 1.- Detection lens
- 2.- Light sensor
- 3.- Light set point selector
- 4.- Timer selector
- 5.- Operating mode selector (3 positions):
I – Always on
A – Automatic (central position)
O – Always off
- 6.- Red LED, indicator of automatic operating mode. It does not light when operating in modes I and O.

3.- Wiring

Pre-installation Recommendations

Install the device away from heat sources or draughts.

The sensitivity of this detection device depends on several factors such as temperature, ambient humidity, as well as speed and direction of people's movement.

Before installing the device, it is important to determine where to install it so that it adequately converts the desired detection area.

Basic Wiring

The electrical wiring of these devices is performed according to the wiring diagram shown in Figure 3.

The terminal marked "L" shows the phase wire of the installation. The terminal marked "N" shows the neutral wire of the installation.

The terminals marked "A" and "L" represent the two terminals of the relay output (voltage free).

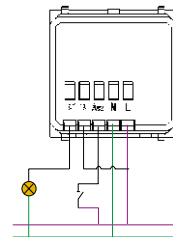
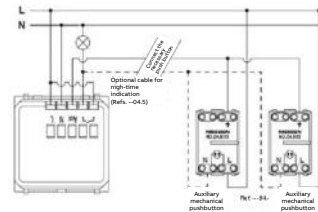


Figure 3: Basic wiring diagram

The terminal marked "aux" (control terminal) is used in case it is desired to control the device (optional) from different points through conventional push buttons (auxiliary push buttons).



Wiring of Several Devices in Parallel

The detection area in a zone can be increased by installing more than one motion detector device.

To ensure that the detection of movement by any of the devices installed activates the load controlled by all of them, their outputs should be wired in parallel to the load. See wiring diagram in Figure 5.

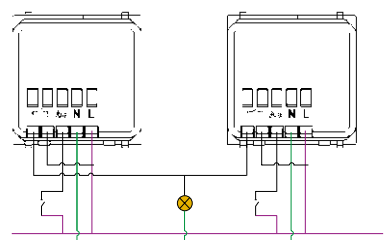
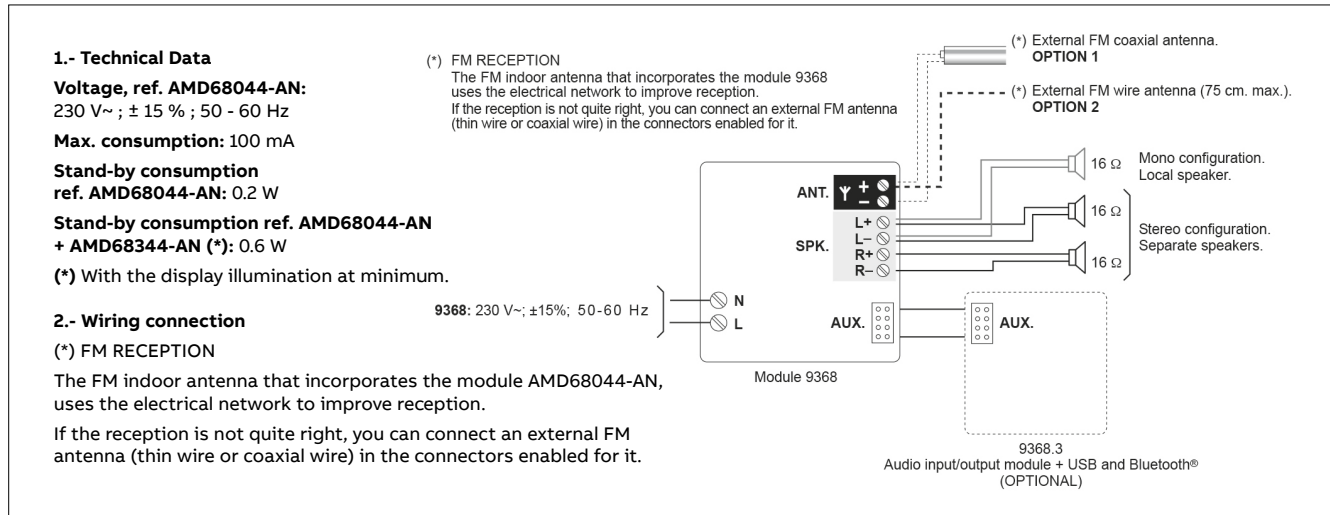


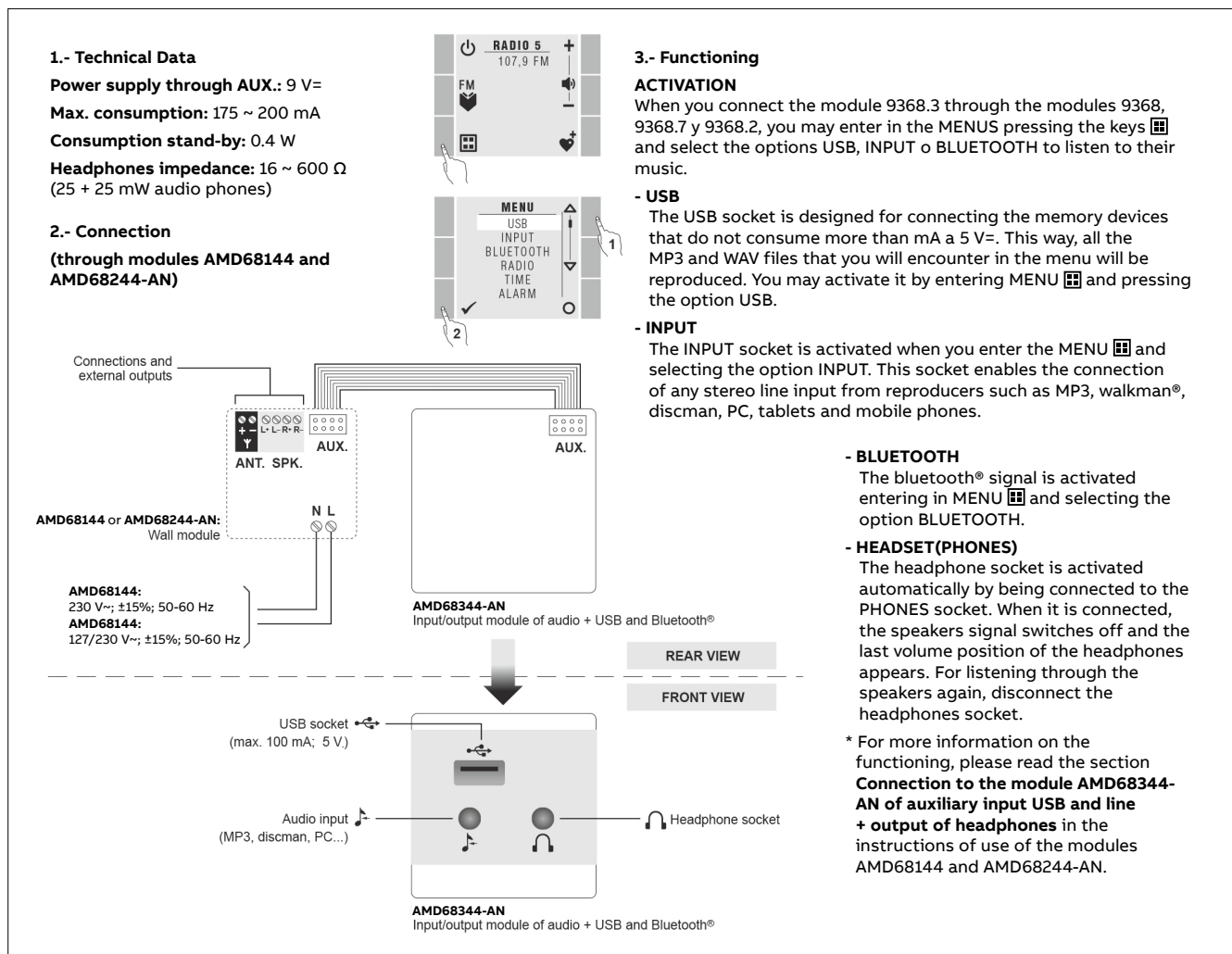
Figure 5: Parallel wiring diagram

Millenium

FM stereo receiver with RDS AMD68044-AN



Input/output USB & Bluetooth® module AMD68344-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

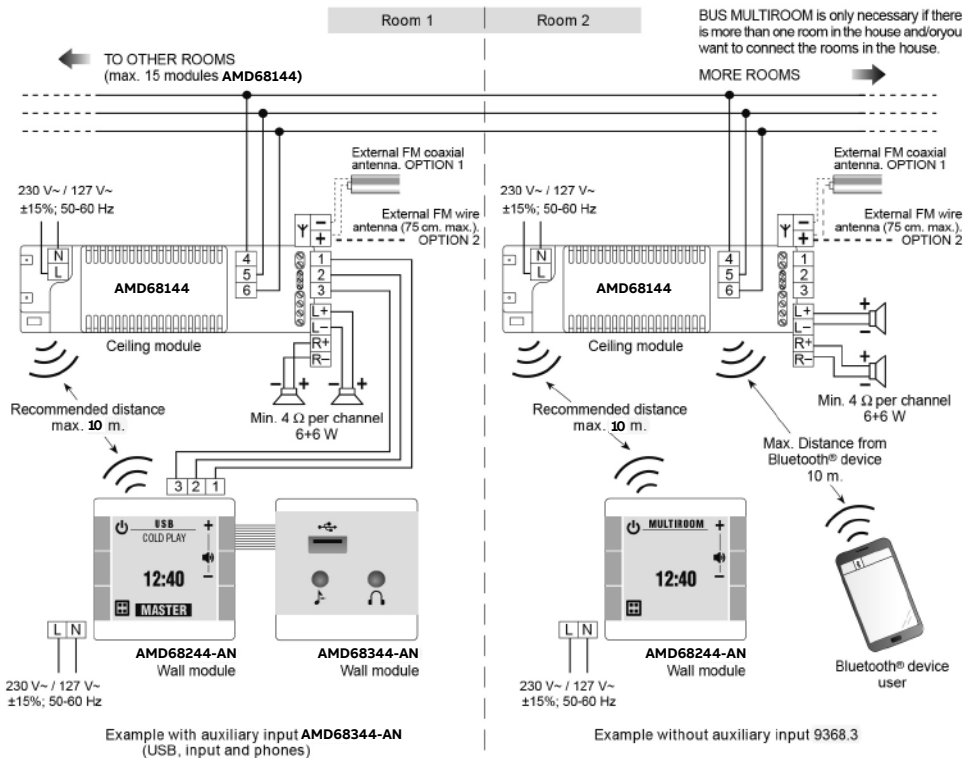
ref. AMD68244-AN + AMD68344-AN (*):
0.9 W

(*): 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.

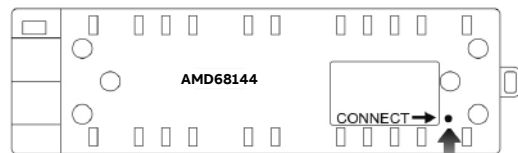
Once you have pressed the button you have got two minutes to go to the second module AMD68244-AN (the one you want to link with) and press simultaneously the keys **▶** during two seconds.

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

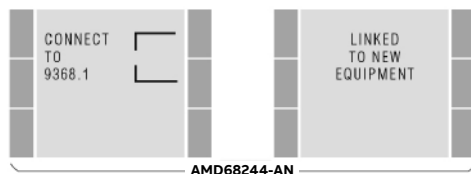
Note:

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.



AMD68244-AN

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

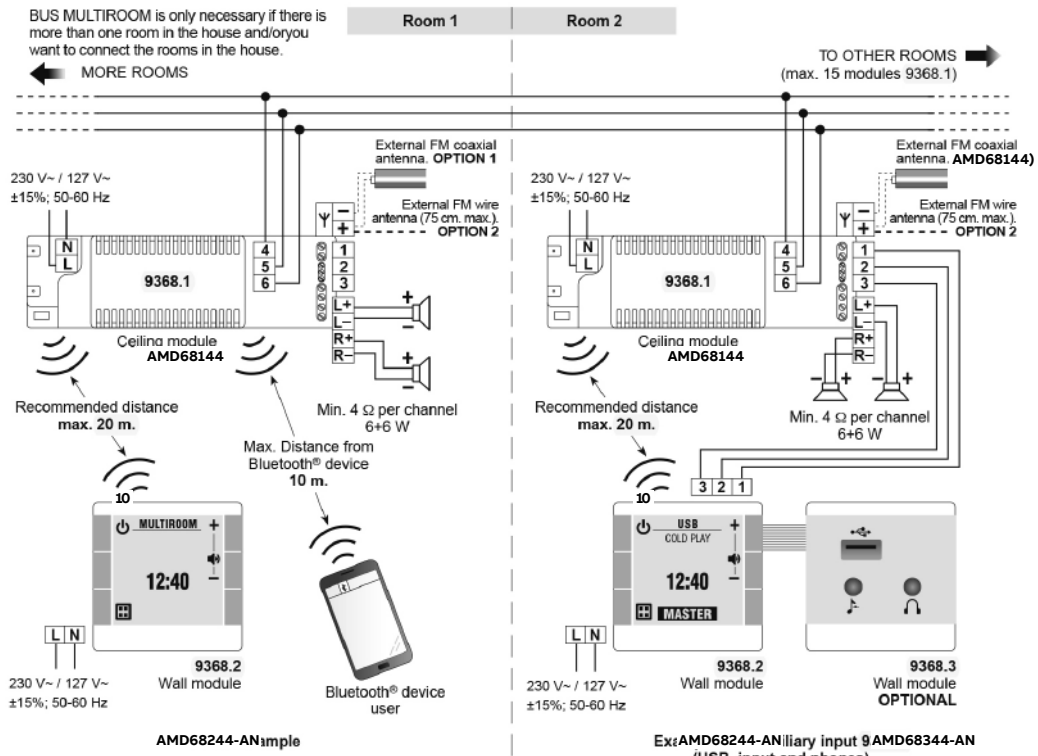
Consumption stand-by:
0.3 W

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. **AMD68344-AN**

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.

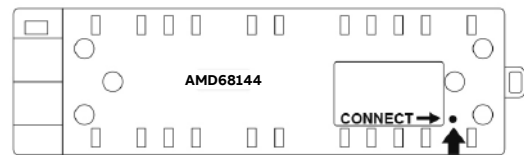
Once you have pressed the button you have got two minutes to go to the second module AMD68244-AN (the one you want to link with) and press simultaneously the keys **CONNECT** during two seconds.

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

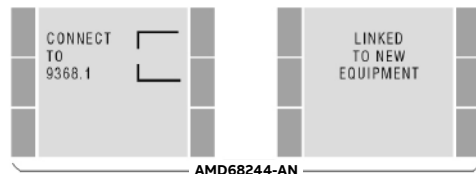
Note:

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

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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
AM11444	ST	1	21
AM11520	ST	1	19
AM11544	ST	1	20
AM11644	ST	1	21
AM118147	ST, SB, MG, AG, WG, BG	1	23
AM11844	ST	1	26
AM11920	ST	1	19
AM11944	ST	1	20
AM12153	ST	1	21
AM13444	ST	1	20
AM17744	ST, SB, MG, AG, WG, BG	1	20
AM19188	ST	1	21
AM19588	ST	1	21
AM20986	ST, SB, MG, AG, WG, BG	1	22
AM22186	ST, SB, MG, AG, WG, BG	1	22
AM23186	ST, SB, MG, AG, WG, BG	1	23
AM23386	ST, SB, MG, AG, WG, BG	1	22
AM23486	ST, SB, MG, AG, WG, BG	1	22
AM23786	ST, SB, MG, AG, WG, BG	1	22
AM23886	ST, SB, MG, AG, WG, BG	1	22
AM239147	ST, SB, MG, AG, WG, BG	1	22
AM240147	ST, SB, MG, AG, WG, BG	1	22
AM29486	ST, SB, MG, AG, WG, BG	1	23
AM30144	ST, SB, MG, AG, WG, BG	1	24
AM30344	ST, SB, MG, AG, WG, BG	1	24
AM30544	ST, SB, MG, AG, WG, BG	1	23
AM30644	ST, SB, MG, AG, WG, BG	1	23
AM31344	ST, SB, MG, AG, WG, BG	1	24
AM32144	ST, SB, MG, AG, WG, BG	1	23
AM32344	ST, SB, MG, AG, WG, BG	1	24
AM32944	ST, SB, MG, AG, WG, BG	1	24
AM33344	ST, SB, MG, AG, WG, BG	1	24
AM33644	ST, SB, MG, AG, WG, BG	1	24

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AM40188	ST, SB, MG, AG, WG, BG	1	26
AM40244	ST, SB, MG, AG, WG, BG	1	26
AM40344	ST	1	26
AM40444	ST	1	26
AM40544	ST, SB, MG, AG, WG, BG	1	26
AM41244	ST, SB, MG, AG, WG, BG	1	25
AM41344	ST, SB, MG, AG, WG, BG	1	25
AM41786	ST, SB, MG, AG, WG, BG	1	26
AM42086	ST, SB, MG, AG, WG, BG	1	26
AM42920	ST	1	19
AM42944	ST	1	20
AM43020	ST	1	19
AM43044	ST	1	20
AM43053	ST	1	21
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AM50300	CH	10	27
AM50400	CH	10	27
AM50444	ST, SB, MG, AG, WG, BG	1	27
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AM50702	GR, WH	10	43
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AM50853	ST, SB, MG, AG, WG, BG	1	27
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AMD10120	ST, SB, MG, AG, WG, BG	10	28
AMD10144	ST, SB, MG, AG	10	30
AMD10144	WG, BG	5	30
AMD10222	ST, SB, MG, AG	10	32
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AMD10520	ST, SB, MG, AG	10	28
AMD10520	WG, BG	5	28
AMD10544	ST, SB, MG, AG	10	30
AMD10544	WG, BG	5	30
AMD10622	ST, SB, MG, AG	10	32
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AMD10753	ST, SB, MG, AG	10	34
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AMD10920	ST, SB, MG, AG	10	29
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AMD12153	ST, SB, MG, AG	10	34
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AMD33244	AN, WP	10	36
AMD33644	AN, WP	5	36
AMD33422	AN, WP	10	37
AMD39144	AN, WP	1	35
AMD40344	ST, SB, MG, AG, WG, BG	5	32
AMD40444	ST, SB, MG, AG, WG, BG	5	33
AMD41144	AN, WP	1	38
AMD42920	ST, SB, MG, AG	10	29
AMD42920	WG, BG	5	29
AMD42944	ST, SB, MG, AG	10	30
AMD42944	WG, BG	5	30
AMD43020	ST, SB, MG, AG	10	29
AMD43020	WG, BG	5	29
AMD43044	ST, SB, MG, AG	10	30
AMD43044	WG, BG	5	30
AMD43053	ST, SB, MG, AG	10	34
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AMD43222	ST, SB, MG, AG	10	32
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AMD55922	AN, WP	1	37
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SSA-F-1.1.PB.1 WL		1	40
SSA-F-2.1.PB.1		1	40
SSA-F-2.1.PB.1 WL		1	40
SSA-F-2.2.PB.1		1	40
SSA-F-2.2.PB.1 WL		1	40
SU-F-1.0.PB.1		1	40
SU-F-1.0.PB.1 WL		1	40
SU-F-2.0.PB.1		1	41
SU-F-2.0.PB.1 WL		1	41
SW MiniMAC 4.1		1	45
TH/U 1.1		1	45
TR/U 1.1		1	45
TS/T 1		1	45



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