



# 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

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## 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.



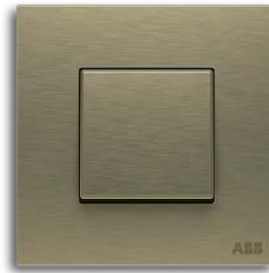
## Premium Rocker



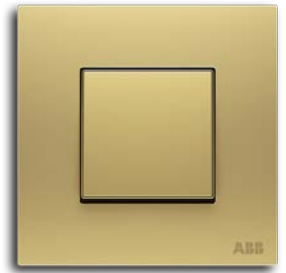
Stainless Steel – ST



Silk Black \* – SB



Antique Gold – AG



Matt Gold – MG



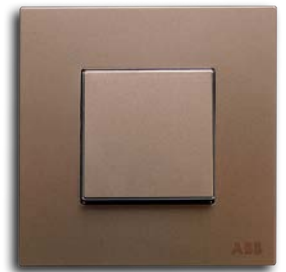
White Glass – WG



Black Glass – BG



Dune Sand – DU



Mocha Brown – MO

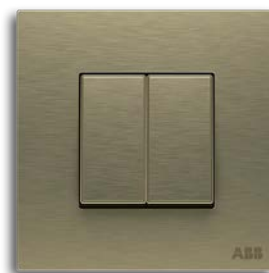
## Half Rocker



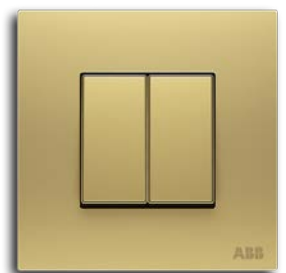
Stainless Steel – ST



Silk Black \* – SB



Antique Gold – AG



Matt Gold – MG



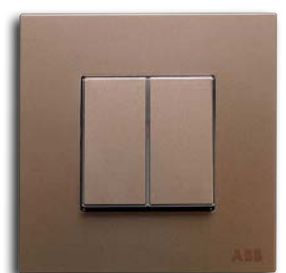
White Glass – WG



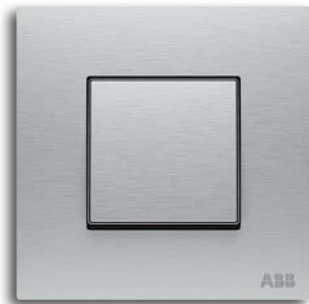
Black Glass – BG



Dune Sand – DU



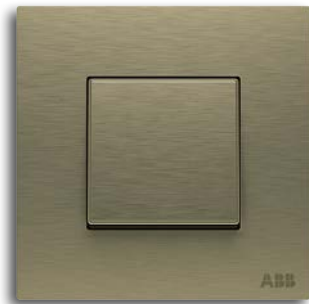
Mocha Brown – MO



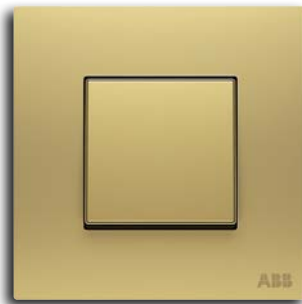
01



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.

— 01 Stainless Steel – ST

— 02 Silk Black \* – SB

— 03 Antique Gold – AG

— 04 Matt Gold – MG

\* SB Not suitable for outdoor installations

BIS Complaint



05



06

**Millenium new colors**  
The touch of style

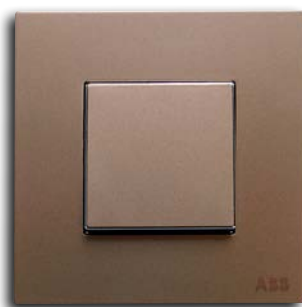
Today more than ever, both at home and when we visit a hotel, we need spaces that provide a sense of safety and comfort. The two new colors Mocha Brown and Dune Sand are inspired by natural elements such as coffee beans, earth or sand to bring a warm feeling to the interior design of contemporary spaces.

**NEW**



07

**NEW**



08

- 05 White Glass – WG
- 06 Black Glass – BG
- 07 Dune Sand – DU
- 08 Mocha Brown – MO



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## Smart Buildings factory

Flexible, collaborative and connected smart factory.



Innovative human - friendly dual arm robot with breakthrough functionality designed to unlock vast global additional automation potential in industry. YuMi® is designed for a new era of automation, for example in small parts assembly, where people and robots work side-by-side on the same tasks. Safety is built into the functionality of the robot itself. YuMi® removes the barriers to collaboration by making fencing and cages a thing of the past.

The Millennium range of switches for the Indian domestic market will be manufactured in India at ABB's state-of-the-art Smart Buildings factory in Bengaluru. The factory is one of the first in India to introduce assembly of switches using ABB's YuMi® cobot, a dual arm collaborative robot designed to work safely alongside humans without the need for fences. The factory has the capacity to manufacture over 1,000,000 switches in a year, owing to the increased efficiency achieved by the application of robotics and automation in the facility.

# 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

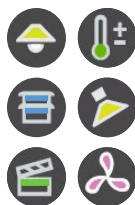
## Innovation, design and technology

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

Designed by the famous European design studio Josep LLusca. The contemporary design is produced only in the finest materials such as AISI 304 steel and Chemically Strengthened Glass (CSG). Materials and colors can be combined to match every interior design.



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. Range with wide rocker and metal finish.  
**Screwless front plate ultra slim design.**



**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



ABB warranty policy for Millenium collection:

- 10 years for mechanical switches and socket outlets
- 1 year for electronic devices

Switches as per BIS standards and with ISI marking.



**Bureau of Indian Standards**

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



— 01



— 02



— 03





— 04





## Millenium - Grid system for combination (AMD)


### Premium rocker switch

Product	Article-No.	Ordering code	Pack/Qty
	<b>Switch 1-gang, 1-way, SP premium 10AX - 2M</b> Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	<b>AMD10144-ST</b>	1SYK620100N1101	10
Silk Black	<b>AMD10144-SB</b>	1SYK620100N1501	10
Antique Gold	<b>AMD10144-AG</b>	1SYK620100N1601	10
Matt Gold	<b>AMD10144-MG</b>	1SYK620100N1701	10
Dune Sand	<b>AMD10144-DU</b>	2CLA620100N6201	10
Mocha Brown	<b>AMD10144-MO</b>	2CLA620100N6601	10
White Glass	<b>AMD10144-WG</b>	2CLA620100N3001	5
Black Glass	<b>AMD10144-BG</b>	2CLA620100N3101	5

	<b>Switch 1-gang, 2-way, SP premium 10AX - 2M</b> Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	<b>AMD10544-ST</b>	1SYK620200N1101	10
Silk Black	<b>AMD10544-SB</b>	1SYK620200N1501	10
Antique Gold	<b>AMD10544-AG</b>	1SYK620200N1601	10
Matt Gold	<b>AMD10544-MG</b>	1SYK620200N1701	10
Dune Sand	<b>AMD10544-DU</b>	2CLA620200N6201	10
Mocha Brown	<b>AMD10544-MO</b>	2CLA620200N6601	10
White Glass	<b>AMD10544-WG</b>	2CLA620200N3001	5
Black Glass	<b>AMD10544-BG</b>	2CLA620200N3101	5


	<b>Switch 1-gang, intermediate, SP premium 10AX - 2M</b> Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
Stainless Steel	<b>AMD11944-ST</b>	1SYK621000N1101	10
Silk Black	<b>AMD11944-SB</b>	1SYK621000N1501	10
Antique Gold	<b>AMD11944-AG</b>	1SYK621000N1601	10
Matt Gold	<b>AMD11944-MG</b>	1SYK621000N1701	10
Dune Sand	<b>AMD11944-DU</b>	2CLA621000N6201	10
Mocha Brown	<b>AMD11944-MO</b>	2CLA621000N6601	10
White Glass	<b>AMD11944-WG</b>	2CLA621000N3001	5
Black Glass	<b>AMD11944-BG</b>	2CLA621000N3101	5


Product	Article-No.	Ordering code	Pack/Qty
	<b>Switch 1-gang, 1-way, SP premium 20AX - 2M</b> Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
Stainless Steel	<b>AMD11044-ST</b>	1SYK620110N1101	10
Silk Black	<b>AMD11044-SB</b>	1SYK620110N1501	10
Antique Gold	<b>AMD11044-AG</b>	1SYK620110N1601	10
Matt Gold	<b>AMD11044-MG</b>	1SYK620110N1701	10
Dune Sand	<b>AMD11044-DU</b>	2CLA620110N6201	10
Mocha Brown	<b>AMD11044-MO</b>	2CLA620110N6601	10
White Glass	<b>AMD11044-WG</b>	2CLA620110N3001	5
Black Glass	<b>AMD11044-BG</b>	2CLA620110N3101	5


	<b>Switch 1-gang, 2-way, SP premium 20AX - 2M</b> Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
Stainless Steel	<b>AMD11544-ST</b>	1SYK620210N1101	10
Silk Black	<b>AMD11544-SB</b>	1SYK620210N1501	10
Antique Gold	<b>AMD11544-AG</b>	1SYK620210N1601	10
Matt Gold	<b>AMD11544-MG</b>	1SYK620210N1701	10
Dune Sand	<b>AMD11544-DU</b>	2CLA620210N6201	10
Mocha Brown	<b>AMD11544-MO</b>	2CLA620210N6601	10
White Glass	<b>AMD11544-WG</b>	2CLA620210N3001	5
Black Glass	<b>AMD11544-BG</b>	2CLA620210N3101	5


## Millenium - Complete sets (AM)

### Premium rocker switch

Product	Article-No.	Order-No.	Pack/Qty
	<b>Switch 1-gang, 1-way, DP premium 20AX w/LED</b> Rated voltage: 250Vac Rated current: 20A Status indicator LED Premium size rocker		
Stainless Steel	<b>AMD11140-ST</b>	2CLA620130N1101	10
Silk Black	<b>AMD11140-SB</b>	2CLA620130N1501	10
Antique Gold	<b>AMD11140-AG</b>	2CLA620130N1601	10
Matt Gold	<b>AMD11140-MG</b>	2CLA620130N1701	10
Dune Sand	<b>AMD11140-DU</b>	2CLA620130N6201	10
Mocha Brown	<b>AMD11140-MO</b>	2CLA620130N6601	10
White Glass	<b>AMD11140-WG</b>	2CLA620130N3001	5
Black Glass	<b>AMD11140-BG</b>	2CLA620130N3101	5


	<b>Switch 1-gang, 1-way, DP premium 32A w/LED</b> Rated voltage: 250Vac Rated current: 32A Status indicator LED Premium size rocker		
Stainless Steel	<b>AMD11240-ST</b>	2CLA620180N1101	10
Silk Black	<b>AMD11240-SB</b>	2CLA620180N1501	10
Antique Gold	<b>AMD11240-AG</b>	2CLA620180N1601	10
Matt Gold	<b>AMD11240-MG</b>	2CLA620180N1701	10
Dune Sand	<b>AMD11240-DU</b>	2CLA620180N6201	10
Mocha Brown	<b>AMD11240-MO</b>	2CLA620180N6601	10
White Glass	<b>AMD11240-WG</b>	2CLA620180N3001	5
Black Glass	<b>AMD11240-BG</b>	2CLA620180N3101	5


Product	Article-No.	Order-No.	Pack/Qty
	<b>Push-button 1-gang, 1-way, SP premium 10A - 2M</b> Rated voltage: 250Vac Rated current: 10A Premium size rocker		
Stainless Steel	<b>AMD43044-ST</b>	1SYK620400N1101	10
Silk Black	<b>AMD43044-SB</b>	1SYK620400N1501	10
Antique Gold	<b>AMD43044-AG</b>	1SYK620400N1601	10
Matt Gold	<b>AMD43044-MG</b>	1SYK620400N1701	10
Dune Sand	<b>AMD43044-DU</b>	2CLA620400N6201	10
Mocha Brown	<b>AMD43044-MO</b>	2CLA620400N6601	10
White Glass	<b>AMD43044-WG</b>	2CLA620400N3001	5
Black Glass	<b>AMD43044-BG</b>	2CLA620400N3101	5


	<b>Push-button 1-gang, 1-way, SP premium w/bell symbol 10A - 2M</b> Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker		
Stainless Steel	<b>AMD42944-ST</b>	1SYK620440N1101	10
Silk Black	<b>AMD42944-SB</b>	1SYK620440N1501	10
Antique Gold	<b>AMD42944-AG</b>	1SYK620440N1601	10
Matt Gold	<b>AMD42944-MG</b>	1SYK620440N1701	10
Dune Sand	<b>AMD42944-DU</b>	2CLA620440N6201	10
Mocha Brown	<b>AMD42944-MO</b>	2CLA620440N6601	10
White Glass	<b>AMD42944-WG</b>	2CLA620440N3001	5
Black Glass	<b>AMD42944-BG</b>	2CLA620440N3101	5


## Millenium - Grid system for combination (AMD)


### Half/double rocker switches


Product	Article-No.	Ordering code	Pack/Qty
	<b>Switch 1-gang, 1-way, SP half rocker 10AX - 1M</b> Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	<b>AMD10222-ST</b>	1SYK680100N1101	10
Silk Black	<b>AMD10222-SB</b>	1SYK680100N1501	10
Antique Gold	<b>AMD10222-AG</b>	1SYK680100N1601	10
Matt Gold	<b>AMD10222-MG</b>	1SYK680100N1701	10
Dune Sand	<b>AMD10222-DU</b>	2CLA680100N6201	10
Mocha Brown	<b>AMD10222-MO</b>	2CLA680100N6601	10
White Glass	<b>AMD10222-WG</b>	2CLA680100N3001	5
Black Glass	<b>AMD10222-BG</b>	2CLA680100N3101	5

	<b>Switch 1-gang, 2-way, SP half rocker 10AX - 1M</b> Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	<b>AMD10622-ST</b>	1SYK680200N1101	10
Silk Black	<b>AMD10622-SB</b>	1SYK680200N1501	10
Antique Gold	<b>AMD10622-AG</b>	1SYK680200N1601	10
Matt Gold	<b>AMD10622-MG</b>	1SYK680200N1701	10
Dune Sand	<b>AMD10622-DU</b>	2CLA680200N6201	10
Mocha Brown	<b>AMD10622-MO</b>	2CLA680200N6601	10
White Glass	<b>AMD10622-WG</b>	2CLA680200N3001	5
Black Glass	<b>AMD10622-BG</b>	2CLA680200N3101	5

	<b>Switch 1-gang, intermediate, SP half rocker 10AX - 1M</b> Rated voltage: 250Vac Rated current: 10AX Half rocker size		
Stainless Steel	<b>AMD12922-ST</b>	1SYK681000N1101	10
Silk Black	<b>AMD12922-SB</b>	1SYK681000N1501	10
Antique Gold	<b>AMD12922-AG</b>	1SYK681000N1601	10
Matt Gold	<b>AMD12922-MG</b>	1SYK681000N1701	10
Dune Sand	<b>AMD12922-DU</b>	2CLA681000N6201	10
Mocha Brown	<b>AMD12922-MO</b>	2CLA681000N6601	10
White Glass	<b>AMD12922-WG</b>	2CLA681000N3001	5
Black Glass	<b>AMD12922-BG</b>	2CLA681000N3101	5

Product	Article-No.	Ordering code	Pack/Qty
	<b>Switch 1-gang, 1-way, SP half rocker 20AX - 1M</b> Rated voltage: 250Vac Rated current: 20AX Half rocker size		
Stainless Steel	<b>AMD11422-ST</b>	1SYK680110N1101	10
Silk Black	<b>AMD11422-SB</b>	1SYK680110N1501	10
Antique Gold	<b>AMD11422-AG</b>	1SYK680110N1601	10
Matt Gold	<b>AMD11422-MG</b>	1SYK680110N1701	10
Dune Sand	<b>AMD11422-DU</b>	2CLA680110N6201	10
Mocha Brown	<b>AMD11422-MO</b>	2CLA680110N6601	10
White Glass	<b>AMD11422-WG</b>	2CLA680110N3001	5
Black Glass	<b>AMD11422-BG</b>	2CLA680110N3101	5

	<b>Switch 1-gang, 2-way, SP half rocker 20AX - 1M</b> Rated voltage: 250Vac Rated current: 20AX Half rocker size		
Stainless Steel	<b>AMD11622-ST</b>	1SYK680210N1101	10
Silk Black	<b>AMD11622-SB</b>	1SYK680210N1501	10
Antique Gold	<b>AMD11622-AG</b>	1SYK680210N1601	10
Matt Gold	<b>AMD11622-MG</b>	1SYK680210N1701	10
Dune Sand	<b>AMD11622-DU</b>	2CLA680210N6201	10
Mocha Brown	<b>AMD11622-MO</b>	2CLA680210N6601	10
White Glass	<b>AMD11622-WG</b>	2CLA680210N3001	5
Black Glass	<b>AMD11622-BG</b>	2CLA680210N3101	5

	<b>Push button 1-gang, 1-way, SP half rocker 10A - 1M</b> Rated voltage: 250Vac Rated current: 10A Half rocker size		
Stainless Steel	<b>AMD43222-ST</b>	1SYK680400N1101	10
Silk Black	<b>AMD43222-SB</b>	1SYK680400N1501	10
Antique Gold	<b>AMD43222-AG</b>	1SYK680400N1601	10
Matt Gold	<b>AMD43222-MG</b>	1SYK680400N1701	10
Dune Sand	<b>AMD43222-DU</b>	2CLA680400N6201	10
Mocha Brown	<b>AMD43222-MO</b>	2CLA680400N6601	10
White Glass	<b>AMD43222-WG</b>	2CLA680400N3001	5
Black Glass	<b>AMD43222-BG</b>	2CLA680400N3101	5

## Millenium - Grid system for combination (AMD)

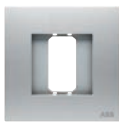
### Frames

Product	Article-No.	Ordering code	Pack/Qty
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**Half/double rocker & other functions frame 1-gang**  
Includes metal mounting frame  
Dimensions 86x86 mm.

Stainless Steel	<b>AMD5144-ST</b>	2CLA627100N1101	10
Silk Black	<b>AMD5144-SB</b>	2CLA627100N1501	10
Antique Gold	<b>AMD5144-AG</b>	2CLA627100N1601	10
Matt Gold	<b>AMD5144-MG</b>	2CLA627100N1701	10
Dune Sand	<b>AMD5144-DU</b>	2CLA627100N6201	10
Mocha Brown	<b>AMD5144-MO</b>	2CLA627100N6601	10
White Glass	<b>AMD5144-WG</b>	2CLA627100N3001	10
Black Glass	<b>AMD5144-BG</b>	2CLA627100N3101	10



**Premium rocker switch frame 1-gang - 2M**  
Includes metal mounting frame  
Combine with Premium rocker switches only.  
Dimensions 86x86 mm.

Stainless Steel	<b>AMD5044-ST</b>	2CLA617110N1101	10
Silk Black	<b>AMD5044-SB</b>	2CLA617110N1501	10
Antique Gold	<b>AMD5044-AG</b>	2CLA617110N1601	10
Matt Gold	<b>AMD5044-MG</b>	2CLA617110N1701	10
Dune Sand	<b>AMD5044-DU</b>	2CLA617110N6201	10
Mocha Brown	<b>AMD5044-MO</b>	2CLA617110N6601	10
White Glass	<b>AMD5044-WG</b>	2CLA617110N3001	4
Black Glass	<b>AMD5044-BG</b>	2CLA617110N3101	4



**Premium/half/double rocker switch frame 2-gang**  
Includes metal mounting frame  
Dimensions 86x147 mm.

Stainless Steel	<b>AMD5244-ST</b>	2CLA647200N1101	10
Silk Black	<b>AMD5244-SB</b>	2CLA647200N1501	10
Antique Gold	<b>AMD5244-AG</b>	2CLA647200N1601	10
Matt Gold	<b>AMD5244-MG</b>	2CLA647200N1701	10
Dune Sand	<b>AMD5244-DU</b>	2CLA647200N6201	10
Mocha Brown	<b>AMD5244-MO</b>	2CLA647200N6601	10
White Glass	<b>AMD5244-WG</b>	2CLA647200N3001	5
Black Glass	<b>AMD5244-BG</b>	2CLA647200N3101	5

Product	Article-No.	Ordering code	Pack/Qty
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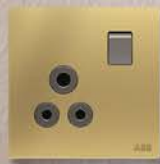
**Premium/half/double rocker switch frame 3-gang**  
Includes metal mounting frame  
Dimensions 86x228 mm.

Stainless Steel	<b>AMD5344-ST</b>	2CLA667310N1101	5
Silk Black	<b>AMD5344-SB</b>	2CLA667310N1501	5
Antique Gold	<b>AMD5344-AG</b>	2CLA667310N1601	5
Matt Gold	<b>AMD5344-MG</b>	2CLA667310N1701	5
Dune Sand	<b>AMD5344-DU</b>	2CLA667310N6201	5
Mocha Brown	<b>AMD5344-MO</b>	2CLA667310N6601	5
White Glass	<b>AMD5344-WG</b>	2CLA667310N3001	2
Black Glass	<b>AMD5344-BG</b>	2CLA667310N3101	2



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


Stainless Steel	<b>AMD5444-ST</b>	2CLA687410N1101	5
Silk Black	<b>AMD5444-SB</b>	2CLA687410N1501	5
Antique Gold	<b>AMD5444-AG</b>	2CLA687410N1601	5
Matt Gold	<b>AMD5444-MG</b>	2CLA687410N1701	5
Dune Sand	<b>AMD5444-DU</b>	2CLA687410N6201	5
Mocha Brown	<b>AMD5444-MO</b>	2CLA687410N6601	5
White Glass	<b>AMD5444-WG</b>	2CLA687410N3001	2
Black Glass	<b>AMD5444-BG</b>	2CLA687410N3101	2







## Millenium - Complete sets (AM)


### Socket outlets


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


	<b>BS DP round pin switched outlet 15A</b> Rated voltage: 250Vac Rated current: 15A Double pole Child safety shutter system		
Stainless Steel	<b>AM20986-ST</b>	2CLA623769N1101	1
Silk Black	<b>AM20986-SB</b>	2CLA623769N1501	1
Antique Gold	<b>AM20986-AG</b>	2CLA623769N1601	1
Matt Gold	<b>AM20986-MG</b>	2CLA623769N1701	1
Dune Sand	<b>AM20986-DU</b>	2CLA623769N6201	1
Mocha Brown	<b>AM20986-MO</b>	2CLA623769N6601	1
White Glass	<b>AM20986-WG</b>	2CLA623769N3001	1
Black Glass	<b>AM20986-BG</b>	2CLA623769N3101	1


	<b>BS DP round pin switched outlet w/LED 15A</b> Rated voltage: 250Vac Rated current: 15A Double pole Indicator LED Child safety shutter system		
Stainless Steel	<b>AM23186-ST</b>	2CLA623779N1101	1
Silk Black	<b>AM23186-SB</b>	2CLA623779N1501	1
Antique Gold	<b>AM23186-AG</b>	2CLA623779N1601	1
Matt Gold	<b>AM23186-MG</b>	2CLA623779N1701	1
Dune Sand	<b>AM23186-DU</b>	2CLA623779N6201	1
Mocha Brown	<b>AM23186-MO</b>	2CLA623779N6601	1
White Glass	<b>AM23186-WG</b>	2CLA623779N3001	1
Black Glass	<b>AM23186-BG</b>	2CLA623779N3101	1

### Other functions

Product	Article-No.	Ordering code	Pack/Qty
	<b>Blind control switch</b> Rated voltage: 250Vac Rated power: 16AX Output: 2 normally open contact Multi-way input terminal (up/down)		
Stainless Steel	<b>AMD11844-ST</b>	2CLA624410N1101	10
Silk Black	<b>AMD11844-SB</b>	2CLA624410N1501	10
Antique Gold	<b>AMD11844-AG</b>	2CLA624410N1601	10
Matt Gold	<b>AMD11844-MG</b>	2CLA624410N1701	10
Dune Sand	<b>AMD11844-DU</b>	2CLA624410N6201	10
Mocha Brown	<b>AMD11844-MO</b>	2CLA624410N6601	10
White Glass	<b>AMD11844-WG</b>	2CLA624410N3001	5
Black Glass	<b>AMD11844-BG</b>	2CLA624410N3101	5


	<b>DND/MUR corridor unit with bell symbol</b> Rated voltage: 250Vac Rated power: 10A "Do Not Disturb" "Make Up my Room" LED signalling		
Stainless Steel	<b>AMD40344-ST</b>	2CLA621580N1101	5
Silk Black	<b>AMD40344-SB</b>	2CLA621580N1501	5
Antique Gold	<b>AMD40344-AG</b>	2CLA621580N1601	5
Matt Gold	<b>AMD40344-MG</b>	2CLA621580N1701	5
Dune Sand	<b>AMD40344-DU</b>	2CLA621580N6201	5
Mocha Brown	<b>AMD40344-MO</b>	2CLA621580N6601	5
White Glass	<b>AMD40344-WG</b>	2CLA621580N3001	5
Black Glass	<b>AMD40344-BG</b>	2CLA621580N3101	5


	<b>DND/MUR room unit</b> Rated voltage: 250Vac Rated power: 10AX "Do Not Disturb" "Make Up my Room" LED signalling		
Stainless Steel	<b>AMD40444-ST</b>	2CLA621500N1101	5
Silk Black	<b>AMD40444-SB</b>	2CLA621500N1501	5
Antique Gold	<b>AMD40444-AG</b>	2CLA621500N1601	5
Matt Gold	<b>AMD40444-MG</b>	2CLA621500N1701	5
Dune Sand	<b>AMD40444-DU</b>	2CLA621500N6201	5
Mocha Brown	<b>AMD40444-MO</b>	2CLA621500N6601	5
White Glass	<b>AMD40444-WG</b>	2CLA621500N3001	5
Black Glass	<b>AMD40444-BG</b>	2CLA621500N3101	5

	<b>Three pole fan isolator</b> Rated voltage: 250Vac Rated power: 10A 3 poles		
Stainless Steel	<b>AMD13444-ST</b>	2CLA620500N1101	10
Silk Black	<b>AMD13444-SB</b>	2CLA620500N1501	10
Antique Gold	<b>AMD13444-AG</b>	2CLA620500N1601	10
Matt Gold	<b>AMD13444-MG</b>	2CLA620500N1701	10
Dune Sand	<b>AMD13444-DU</b>	2CLA620500N6201	10
Mocha Brown	<b>AMD13444-MO</b>	2CLA620500N6601	10
White Glass	<b>AMD13444-WG</b>	2CLA620500N3001	5
Black Glass	<b>AMD13444-BG</b>	2CLA620500N3101	5


## Millenium - Grid system for combination (AMD)

### Socket outlet


Product	Article-No.	Order-No.	Pack/Qty
	<b>Socket outlet 6A as per IS1293:2019</b> Rated voltage/current: 240Vac Independent shutter for earth and phase+neutral for child safety and easy connection. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>IMK20306 MIL-AN</b>	1SYK100001A2002	1
White	<b>IHK20616 BL-WP</b>	1SYK100001A2023	1


	<b>Socket outlet 6/16A as per IS1293:2019</b> Rated voltage/current: 240Vac Independent shutter for earth and phase+neutral for child safety and easy connection. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>IMK20616 MIL-AN</b>	1SYK100001A2001	1
White	<b>IHK20306 BL-WP</b>	1SYK100001A2028	1


### Regulator

	<b>Step fan regulator 5 step - 2M</b> Rated voltage: 127 - 230 Vac ; 50-60 Hz 360 degree rotation Lifecycle more than 10,000 cycles IS: 11037-1984 Polycarbonate material varying between 1.5 to 2.5mm Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>IMA2FR05 MIL-AN</b>	1SYK100001A2003	1
White	<b>IIM2FR05 BL-WP</b>	1SYK100001A2042	1

### Dimmers


Product	Article-No.	Order-No.	Pack/Qty
	<b>LED rotatory/push dimmer - 2M</b> Rated voltage: 230 Vac $\pm$ 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 P	<b>AMD60344-AN</b>	2CLA626030N1801	1
White	<b>AMD60344-WP</b>	2CLA626030N2001	1


	<b>1-10V rotary dimmer - 2M</b> 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 P	<b>AMD60944-AN</b>	2CLA626090N1801	1
White	<b>AMD60944-WP</b>	2CLA626090N2001	1


	<b>LED/Universal Rotary dimmer</b> Rated voltage: 250Vac / 50-60 Hz Power (min./max load): - LEDi (trailing-edge lamps): 4 / 250 W/VA. - LEDi (leading-edge lamps): 4 / 60 W/VA.* - LV LEDi with transformer type C: 4 / 250 W/VA. - LV LEDi with transformer type LC: 4 / 60 W/VA.* - LV halogen with transformer type C: 4 / 250 W/VA. - LV halogen with transformer type LC: 4 / 250 W/VA. - Incandescent lamps: 4 / 250 W/VA. - Halogen lamps: 4 / 250 W/VA. *Max. 10 lamps		
Anthracite P	<b>AMD60322-AN</b>	2CLA616030N1801	1
White	<b>AMD60322-WP</b>	2CLA616030N2001	1

## Millenium - Grid system for combination (AMD)


### USB charger


Product	Article-No.	Order-No.	Pack/Qty
	<b>USB Charger Type-C + Type A (18W). 2M</b> Input voltage: 110-240V - 50/60 Hz USB charger (Type C): Max. Power output: 18W. Output voltage: 5 ... 9 Vdc. Output current: 3 ... 1,5 A. Charging Protocols: PD 3.0 / QC / BC1.2 / MFI USB charger (Type A): Max Power output: 10,5 W. Output voltage: 5 Vdc Output current: 2,1 A. Combination with frames: AMD5144-XX & AMD5244-XX		
Anthracite P	<b>AMD85244-AN</b>	2CLA628510N1801	1
White	<b>AMD85244-WP</b>	2CLA628510N2001	1


	<b>USB charger 2A, 1-gang - 1M</b> 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		
Anthracite P	<b>AMD85222-AN</b>	2CLA618520N1801	1
White	<b>AMD85222-WP</b>	2CLA618520N2001	1


	<b>USB charger 1.500mA, 2-gang - 2M</b> "Input voltage: 100 - 240 Vac $\pm$ 10%; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm$ 5%. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: $\leq$ 0,3W@230Vac. Energy efficiency: $\geq$ 71%. Operating temperature: 0°C to 35°C. Combination with frames: AMD5144-XX & AMD5244-XX		
Anthracite P	<b>AMD85144-AN</b>	2CLA628500N1801	1
White	<b>AMD85144-WP</b>	2CLA628500N2001	1

### Misc

Product	Article-No.	Ordering code	Pack/Qty
	<b>Buzzer - 2M</b> Rated voltage: 127-230 Vac ; 50-60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>AMD19144-AN</b>	2CLA621900N1801	5
White	<b>AMD19144-WP</b>	2CLA621900N2001	5


	<b>Electronic door bell 230Vac - 2M</b> Rated voltage: 230 Vac ; 50-60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB. Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>AMD24144-AN</b>	2CLA622400N1801	5
White	<b>AMD24144-WP</b>	2CLA622400N2001	5


	<b>Blank insert 1M</b> Blank insert 1 module Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>N2100-AP</b>	2CLA210000B1001	10
White	<b>N2100-BL</b>	2CLA210000B1101	10

	<b>Blank insert 2M</b> Blank insert 2 module Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>N2200-AP</b>	2CLA220000B1001	10
White	<b>N2200-BL</b>	2CLA220000B1101	10


## Millenium - Grid system for combination (AMD)


### TV connectors


Product	Article-No.	Ordering code	Pack/Qty
	<b>TV terminal outlet M-type - 22 x 44</b> 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 P	<b>N2150.7 AP</b>	2CLA215070B1001	10
White	<b>N2150.7 BL</b>	2CLA215070B1101	10


Product	Article-No.	Ordering code	Pack/Qty
	<b>TV terminal M-type 44 x 44</b> 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 P	<b>N2250.7 AP</b>	2CLA225070B1001	10
White	<b>N2250.7 BL</b>	2CLA225070B1101	10


### Voice data & information connectors


Product	Article-No.	Ordering code	Pack/Qty
	<b>Data outlet RJ45 Cat6A 22 x 44</b> 8 pole Cat 6A STP Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX		
Anthracite P	<b>N2118.7 AP</b>	2CLA211870B1001	10
White	<b>N2118.7 BL</b>	2CLA211870B1101	10

Product	Article-No.	Ordering code	Pack/Qty
	<b>Data outlet RJ45 Cat 6A 44 x 44</b> 8 pole Cat 6A STP Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>N2218.7 AP</b>	2CLA221870B1001	10
White	<b>N2218.7 BL</b>	2CLA221870B1101	10

Product	Article-No.	Ordering code	Pack/Qty
	<b>Data outlet RJ45 Cat6 22 x 44</b> 8 pole Cat 6 UTP Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>N2118.6 AP</b>	2CLA211860B1001	10
White	<b>N2118.6 BL</b>	2CLA211860B1101	10


Product	Article-No.	Ordering code	Pack/Qty
	<b>Data outlet RJ45 Cat6 44 x 44</b> 8 pole Cat 6 UTP Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
Anthracite P	<b>N2218.6 AP</b>	2CLA221860B1001	10
White	<b>N2218.6 BL</b>	2CLA221860B1101	10


Product	Article-No.	Ordering code	Pack/Qty
	<b>Phone outlet RJ12 22 x 44</b> RJ12 type connection 6 contacts Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX		
Anthracite P	<b>N2117.6 AP</b>	2CLA211760B1001	10
White	<b>N2117.6 BL</b>	2CLA211760B1101	10


Product	Article-No.	Ordering code	Pack/Qty
	<b>Phone outlet RJ12 44 x 44</b> RJ12 type connection 6 contacts Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX		
Anthracite P	<b>N2217.6 AP</b>	2CLA221760B1001	10
White	<b>N2217.6 BL</b>	2CLA221760B1101	10


## Millenium - Grid system for combination (AMD)


### Voice data & information connectors


Product	Article-No.	Order-No.	Pack/Qty
	<b>2RCA connection unit</b> Front: 2x RCA connectors (Red / White) Rear: screw terminals (4 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	Anthracite P	<b>AMD55222-AN</b>	2CLA615520N1801
White	<b>AMD55222-WP</b>	2CLA615520N2001	1

	<b>3RCA connection unit</b> Front: 3x RCA connectors (Red / White / Yellow) Rear: screw terminals (6 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	Anthracite P	<b>AMD55322-AN</b>	2CLA615530N1801
White	<b>AMD55322-WP</b>	2CLA615530N2001	1

	<b>Mini-Jack connection unit</b> Front: 1x Mini-Jack connector (3,5mm stereo audio jack) Rear: screw terminals (3/4 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	Anthracite P	<b>AMD55422-AN</b>	2CLA615540N1801
White	<b>AMD55422-WP</b>	2CLA615540N2001	1

	<b>VGA connection unit</b> Front: 1x VGA connector (DE-15 connector) Rear: screw terminals (15 wires) Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.		
	Anthracite P	<b>AMD55522-AN</b>	2CLA615550N1801
White	<b>AMD55522-WP</b>	2CLA615550N2001	1


Product	Article-No.	Order-No.	Pack/Qty
	<b>USB connector female</b> 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 P	<b>AMD55922-AN</b>	2CLA615590N1801
White	<b>AMD55922-WP</b>	2CLA615590N2001	1


	<b>HDMI connector female</b> 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 P	<b>AMD55722-AN</b>	2CLA615570N1801
White	<b>AMD55722-WP</b>	2CLA615570N2001	1




## Millenium - Grid system for combination (AMD)


### Triple rocker switches


Product	Article-No.	Ordering code	Pack/Qty
	<b>Switch 3-gang, 2-way, triple rocker 10AX - 3M</b> Rated voltage: 250Vac Rated power: 10AX Total		
Stainless Steel	<b>AMD10753-ST</b>	1SYK630200N1101	10
Silk Black	<b>AMD10753-SB</b>	1SYK630200N1501	10
Antique Gold	<b>AMD10753-AG</b>	1SYK630200N1601	10
Matt Gold	<b>AMD10753-MG</b>	1SYK630200N1701	10
Dune Sand	<b>AMD10753-DU</b>	2CLA630200N6201	10
Mocha Brown	<b>AMD10753-MO</b>	2CLA630200N6601	10
White Glass	<b>AMD10753-WG</b>	2CLA630200N3001	5
Black Glass	<b>AMD10753-BG</b>	2CLA630200N3101	5

	<b>Switch 3-gang, 2-way, triple rocker 16AX - 3M</b> Rated voltage: 250Vac Rated power: 16AX Total		
Stainless Steel	<b>AMD12153-ST</b>	1SYK630210N1101	10
Silk Black	<b>AMD12153-SB</b>	1SYK630210N1501	10
Antique Gold	<b>AMD12153-AG</b>	1SYK630210N1601	10
Matt Gold	<b>AMD12153-MG</b>	1SYK630210N1701	10
Dune Sand	<b>AMD12153-DU</b>	2CLA630210N6201	10
Mocha Brown	<b>AMD12153-MO</b>	2CLA630210N6601	10
White Glass	<b>AMD12153-WG</b>	2CLA630210N3001	5
Black Glass	<b>AMD12153-BG</b>	2CLA630210N3101	5

	<b>Push button 3-gang, 2-way, triple rocker 10AX - 3M</b> Rated voltage: 250Vac Rated power: 10AX Total		
Stainless Steel	<b>AMD43053-ST</b>	1SYK630400N1101	10
Silk Black	<b>AMD43053-SB</b>	1SYK630400N1501	10
Antique Gold	<b>AMD43053-AG</b>	1SYK630400N1601	10
Matt Gold	<b>AMD43053-MG</b>	1SYK630400N1701	10
Dune Sand	<b>AMD43053-DU</b>	2CLA630400N6201	10
Mocha Brown	<b>AMD43053-MO</b>	2CLA630400N6601	10
White Glass	<b>AMD43053-WG</b>	2CLA630400N3001	5
Black Glass	<b>AMD43053-BG</b>	2CLA630400N3101	5










### Triple rocker switches & frames

Product	Article-No.	Ordering code	Pack/Qty
	<b>Triple rocker switch/KNX sensors frame 1-gang</b> Includes metal mounting frame Dimensions 86x86 mm.		
Stainless Steel	<b>AMD5153-ST</b>	2CLA637100N1101	10
Silk Black	<b>AMD5153-SB</b>	2CLA637100N1501	10
Antique Gold	<b>AMD5153-AG</b>	2CLA637100N1601	10
Matt Gold	<b>AMD5153-MG</b>	2CLA637100N1701	10
Dune Sand	<b>AMD5153-DU</b>	2CLA637100N6201	10
Mocha Brown	<b>AMD5153-MO</b>	2CLA637100N6601	10
White Glass	<b>AMD5153-WG</b>	2CLA637100N3001	10
Black Glass	<b>AMD5153-BG</b>	2CLA637100N3101	10

	<b>Triple rocker switch/KNX sensors frame 2-gang</b> Includes metal mounting frame Dimensions 86x147 mm.		
Stainless Steel	<b>AMD5253-ST</b>	2CLA667200N1101	10
Silk Black	<b>AMD5253-SB</b>	2CLA667200N1501	10
Antique Gold	<b>AMD5253-AG</b>	2CLA667200N1601	10
Matt Gold	<b>AMD5253-MG</b>	2CLA667200N1701	10
Dune Sand	<b>AMD5253-DU</b>	2CLA667200N6201	10
Mocha Brown	<b>AMD5253-MO</b>	2CLA667200N6601	10
White Glass	<b>AMD5253-WG</b>	2CLA667200N3001	5
Black Glass	<b>AMD5253-BG</b>	2CLA667200N3101	5

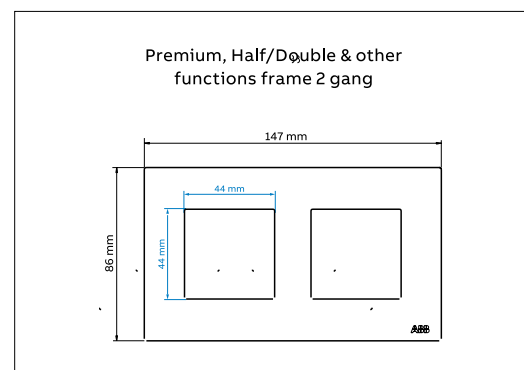
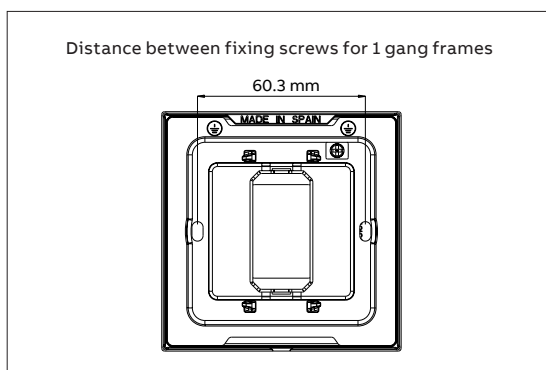
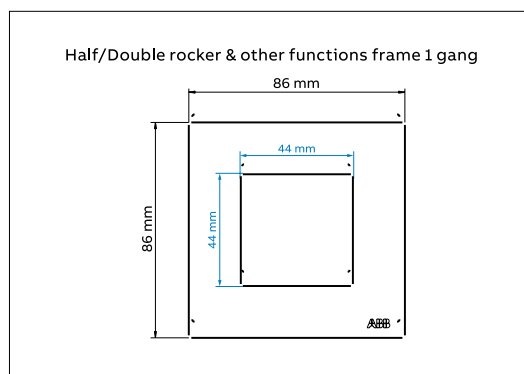
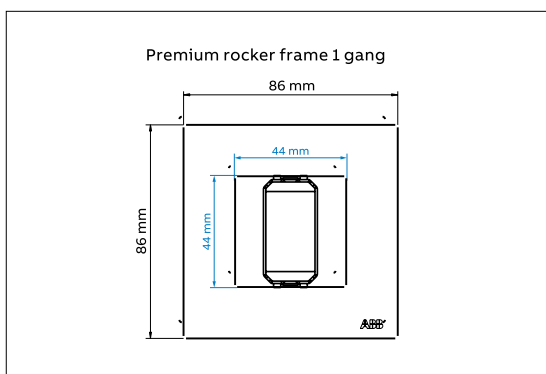
## Millenium - Modular System (AMD)

### Frame selection table





	1 gang frame	2 gang frame
<b>Premium rocker switch</b>	AMD5044	AMD5244
		
<b>Half/Double rockers switch and other functions</b>	AMD5144	AMD5244
		
<b>Triple rocker switch &amp; KNX sensors</b>	AMD5153	AMD5253
		

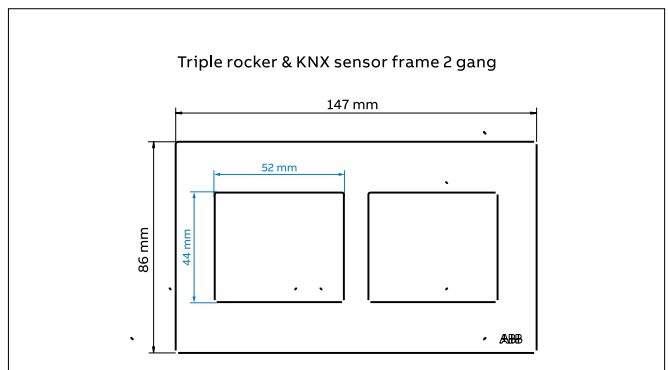
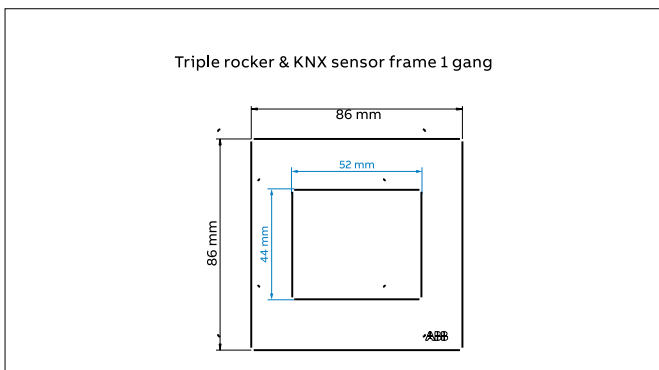
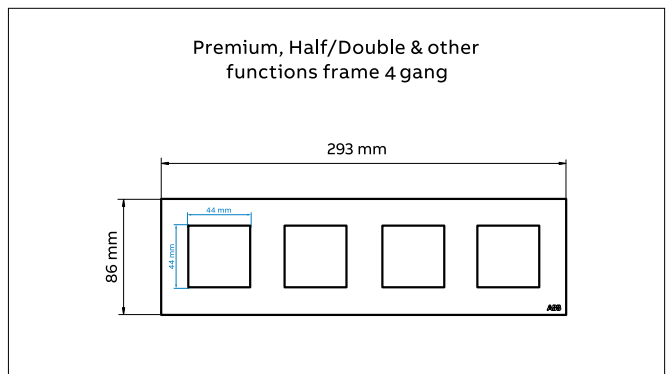
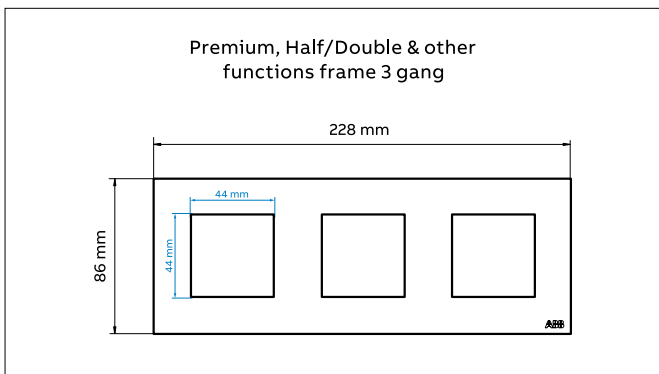
## Millenium

### Frame dimensions





3 gang frame	4 gang frame	Mounting plate
AMD5344	AMD5444	Included
		Included
AMD5344	AMD5444	Included
		Included
		Included





-  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](http://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 Transponder reader

— 02 Transponder holder

— 03 Set of 10 MIFARE transponder cards

— 04 MiniMAC 4.1 software



01



02



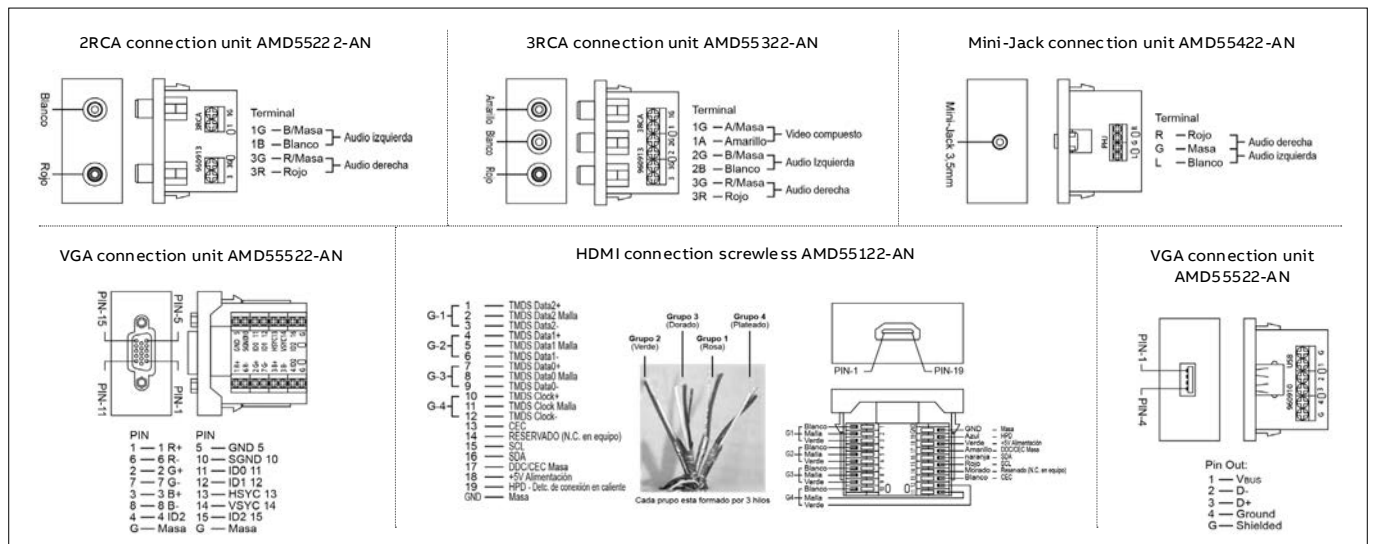
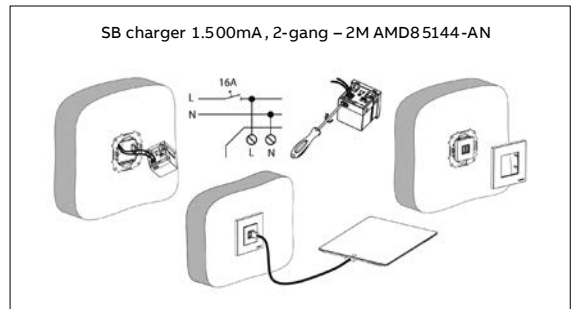
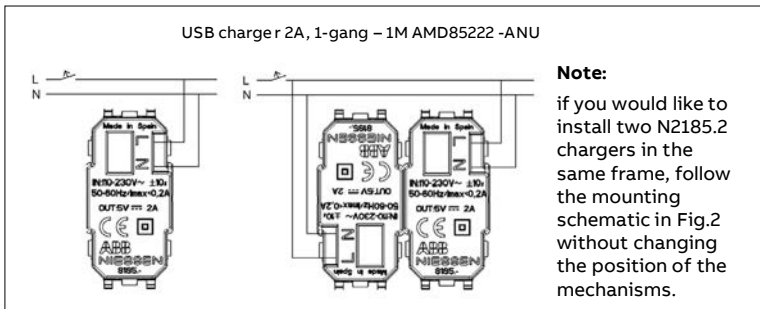
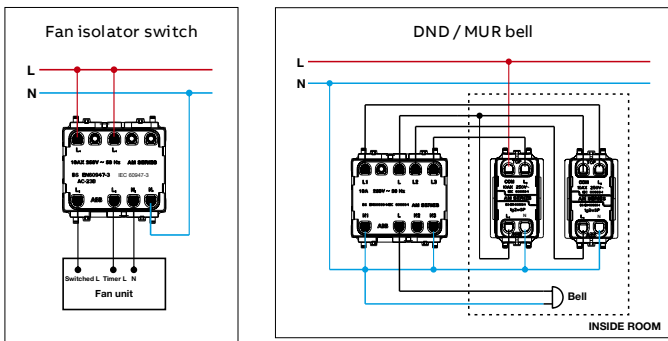
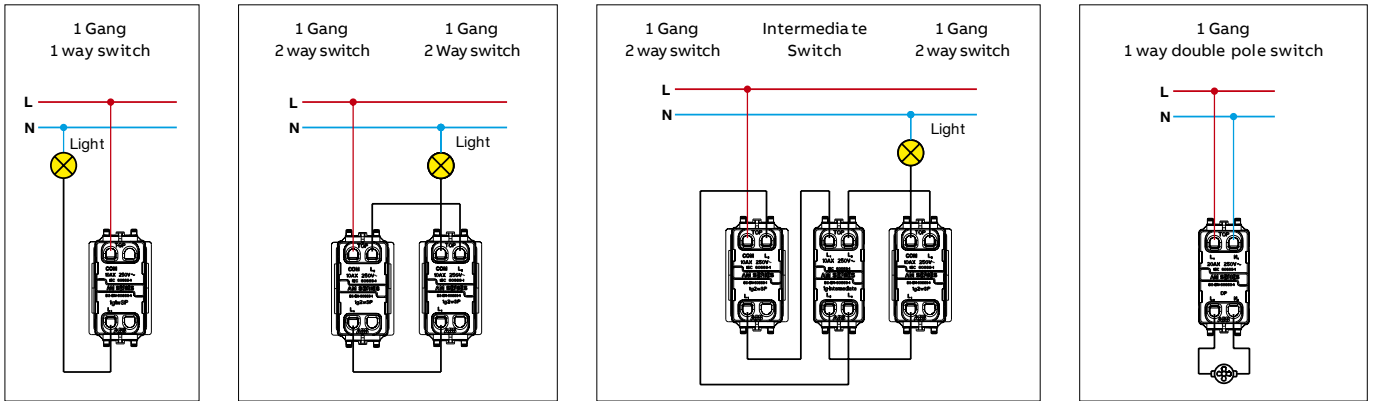
03



04

# Millenium

## Circuit connection diagrams



# 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

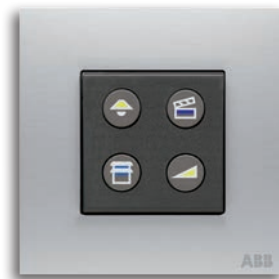
—  
02 Switch 2/4gang,  
Stainless Steel

—  
03 Movement detector,  
Stainless Steel

—  
04 Room temperature  
controller, Stainless Steel



01



02



03



04

—  
**Note**







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**ABB India Helpline.**

Technical Telephone support for  
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**[abb.com](http://abb.com)**