

Gemini switchboards for all applications

When the best is truly within reach

1SLC805001B0202



ABB

There is a model to satisfy every situation



Suitable for both distribution and automation (control and command) applications, the new Gemini switchboards by ABB

SACE are easy to mount, practical to install and extremely versatile. Available in thermoplastic material in 6 different sizes, they

Available in 6 sizes with transparent or opaque door, Gemini switchboards are suitable for installation in any application environment



have a very high degree of protection: IP 66.

Particularly strong and resistant, they are also suitable for difficult environments.

A wide range of accessories makes them easy to use and simplifies stock management.

The switchboards are totally environmental friendly.

Dimensions

Gemini switchboards are available in 6 different sizes, from H 400 x W 335 x D 210 mm to H 1005 x W 840 x D 360 mm (inner dimensions).

In all sizes the door – opaque or transparent – opens at more than 180°.

Materials

The thermoplastic version is made using the co-injection molding technique, an innovative process used by ABB SACE. The result is a material that keeps its excellent mechanical characteristics for a long time and guarantees the same performances as traditional solutions but without the problems that these sometimes cause (for example, when the glass fiber surfaces in the polyester).

Practical, easy and fast

In distribution applications, the modular, patented, snap-on mounting frame integrates perfectly with all the accessories that can also be mounted without having to use any tool. The frame designed by ABB has important characteristics:

- an ergonomic structure that makes work simpler;
- the possibility of adjusting both the interaxis between two rows of modules and the depth;
- the uprights can be used as cable-holders;
- blank, hinge-on, module-cover panels with holes can be inserted.

Also, if you chose the ABB Unifix system, all wiring operations become faster.

For automation applications, Gemini is provided with a total base plate (selected from three available versions) that can be snap-on mounted and adjusted at various depths. The switchboard can be completed by installing



a hinge-on inner door. Further accessories such as the partial plates fitted onto the modular frame and the kit for installing molded-case circuit-breakers means that the switchboard can also be used for mixed distribution/automation applications.

Aesthetics

Available in RAL 7035 grey, the switchboard integrates perfectly with the coordinated design of ABB SACE products.

Versatility

Gemini can be used in almost any kind of environment, even with extreme weather conditions: in fact, it is the first thermoplastic switchboard that has IP66 degree of protection. This level is

ensured by an extruded seal, located immediately after the switchboard molding. Thanks to its sturdy construction and its resistance to adverse weather conditions and aggressive agents, Gemini can be installed in particularly difficult environments (e.g. possible contact with acids or greases).

Compatibility

Unlike polyester, the thermoplastic material is 100% recyclable. Each switchboard is also supplied with full instructions for its disposal at the end of its life.

Accessories

Suitable for any, even highly specific, application requirement, they include:

- modular frame
- blank panels and panels with holes
- base plates
- hinged inner doors
- modular plates
- wiring kit
- kit for installing Tmax circuit-breakers
- triangular/square lock and lock with key and handle
- fixing brackets
- kit for fixing on pole
- pedestal
- ventilation and anti-condensation kit

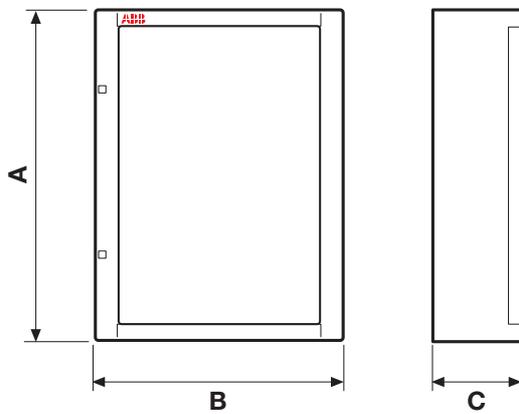


Order codes

size	1	2	3	4	5	6
DIN modules	24	54	72	96	120	216
Basic configuration						
Switchboard with opaque door	1SL0201A00	1SL0202A00	1SL0203A00	1SL0204A00	1SL0205A00	1SL0206A00
Switchboard with transparent door	1SL0211A00	1SL0212A00	1SL0213A00	1SL0214A00	1SL0215A00	1SL0216A00
Box	1SL0221A00	1SL0222A00	1SL0223A00	1SL0224A00	1SL0225A00	1SL0226A00
Opaque door	1SL0231A00	1SL0232A00	1SL0233A00	1SL0234A00	1SL0235A00	1SL0236A00
Transparent door	1SL0241A00	1SL0242A00	1SL0243A00	1SL0244A00	1SL0245A00	1SL0246A00
Configuration for automation						
Inner door	-	1SL0252A00	1SL0253A00	1SL0254A00	1SL0255A00	1SL0256A00
Blank metal base plate	1SL0259A00	1SL0260A00	1SL0261A00	1SL0262A00	1SL0263A00	1SL0264A00
Blank metal base plate with holes	1SL0275A00	1SL0276A00	1SL0277A00	1SL0278A00	1SL0279A00	1SL0280A00
Insulating base plate	1SL0267A00	1SL0268A00	1SL0269A00	1SL0270A00	1SL0271A00	1SL0272A00
Configuration for distribution						
Uprights	1SL0283A00	1SL0284A00	1SL0285A00	1SL0285A00	1SL0286A00	1SL0287A00
DIN rail	1SL0290A00	1SL0291A00	1SL0291A00	1SL0292A00	1SL0292A00	1SL0293A00
Modular plate H 150	1SL0296A00	1SL0297A00	1SL0297A00	1SL0298A00	1SL0298A00	1SL0299A00
Modular plate H 300	-	1SL0302A00	1SL0302A00	1SL0303A00	1SL0303A00	1SL0304A00
Drilled panel H 150 with DIN rail	1SL0307A00	1SL0308A00	1SL0308A00	1SL0309A00	1SL0309A00	1SL0310A00
Drilled panel H 300 with DIN rail	-	1SL0313A00	1SL0313A00	1SL0314A00	1SL0314A00	1SL0315A00
Blank panel H 75	1SL0318A00	1SL0319A00	1SL0319A00	1SL0320A00	1SL0320A00	1SL0321A00
Blank panel H 150	1SL0324A00	1SL0325A00	1SL0325A00	1SL0326A00	1SL0326A00	1SL0327A00
Blank panel H 300	1SL0330A00	1SL0331A00	1SL0331A00	1SL0332A00	1SL0332A00	1SL0333A00
Kit for Tmax H 150	-	1SL0336A00	1SL0336A00	1SL0337A00	1SL0337A00	1SL0338A00
Kit for Tmax H 300	-	1SL0370A00	1SL0370A00	1SL0371A00	1SL0371A00	1SL0372A00

size	1	2	3	4	5	6
DIN modules	24	54	72	96	120	216
Accessories						
Lock and handle	1SL0340A00	1SL0340A00	1SL0340A00	1SL0340A00	1SL0340A00	1SL0340A00
Triangular lock	1SL0341A00	1SL0341A00	1SL0341A00	1SL0341A00	1SL0341A00	1SL0341A00
Square lock	1SL0339A00	1SL0339A00	1SL0339A00	1SL0339A00	1SL0339A00	1SL0339A00
Fixing brackets	1SL0342A00	1SL0342A00	1SL0342A00	1SL0342A00	1SL0342A00	1SL0342A00
Kit for fixing on pole	1SL0343A00	1SL0344A00	1SL0344A00	1SL0345A00	1SL0345A00	1SL0346A00
Pedestal	1SL0352A00	1SL0352A00	1SL0352A00	1SL0352A00	-	-
Ventilation kit	1SL0350A00	1SL0350A00	1SL0350A00	1SL0350A00	1SL0350A00	1SL0350A00
Anti-condensation kit	1SL0351A00	1SL0351A00	1SL0351A00	1SL0351A00	1SL0351A00	1SL0351A00
Fix-O-Rapid kit + duct 25x60 mm	1SL0353A00	1SL0354A00	1SL0354A00	1SL0355A00	1SL0355A00	1SL0356A00
Fix-O-Rapid kit + duct 40x60 mm	1SL0360A00	1SL0361A00	1SL0361A00	1SL0362A00	1SL0362A00	1SL0363A00
Universal drill cutter	12894	12894	12894	12894	12894	12894
Depth adaptor	12851	12851	12851	12851	12851	12851
RAL 7035 module cover	12863	12863	12863	12863	12863	12863

Overall dimensions



	size	A	B	C
Outer dimensions	1	400	335	210
	2	550	460	260
	3	700	460	260
	4	700	590	260
	5	855	590	360
	6	1005	840	360
Inner dimensions	1	300	250	180
	2	450	375	230
	3	600	375	230
	4	600	500	230
	5	750	500	330
	6	900	750	330

Industrial^{IT} is the solution developed by ABB for the all-round integration of a company's activities, where each product is seen as part of a complete solution.

Products and technologies are grouped into functional categories (Suites), each of which measures, controls, optimizes and supports a specific "block" of activities, and they can ensure coordinated interaction thanks to the platform created by ABB (AIP: Aspect Integrator Platform).

In addition to interactivity between certified products, every certified product also guarantees the ready availability of all the information needed for it to function - technical characteristics, installation instructions, use and maintenance instructions, environmental certificates and declarations, all updated to the latest version... a considerable advantage for the user*.

For further information, go to the Products and services/ Industrial^{IT} section on our web site: <http://www.abb.com>

* All product technical data and related documentation can be found in Internet and are accessible to the customer. The standard documentation is in English, but there are local language versions for each country where a given product is marketed.



UNI EN ISO 9001

Due to possible developments of standards as well as of materials, the characteristics and dimensions specified in the present catalogue may only be considered binding after confirmation by ABB SACE.

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