

Short catalogue

Élos wiring accessories series

2CSC600004B0201



ABB



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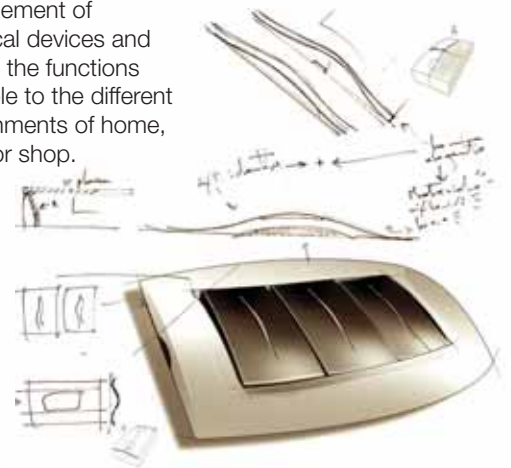
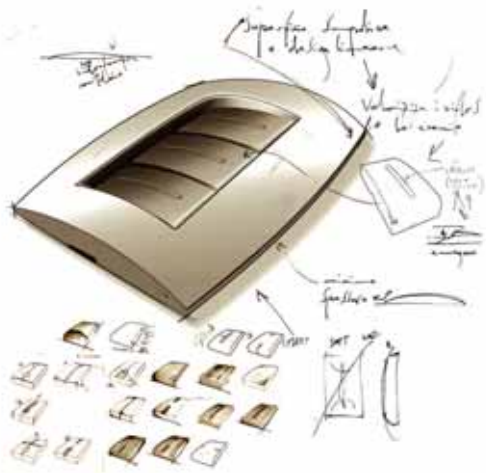


The ABB wiring accessories series

Élos awakens the senses and marks a turning point for the market: say goodbye to old habits, now you can choose the softness of its surfaces and the purity of its design.

Élos is the ABB wiring accessories series for the terminal parts of electrical systems for residential and tertiary applications. The ABB range for distribution applications, along with the devices installed in the switchboard or in the central unit and the wiring and trunking products, allows you to design complete professional solutions in terms of quality and technology which are also aesthetically refined and modern.

The series consists of two lines, Élos Soft and Élos Smart, which include a complete range of devices with which to optimize the management of electrical devices and extend the functions available to the different environments of home, office or shop.



Élos, by ABB, stands out from anything currently available on the market due to its sophisticated and innovative design. The Élos Soft plates feature an elegance and simplicity that can be found throughout the series: a striking and unique look is achieved with a sinuous plate resting on an under-plate which seems to detach it from the wall. The Élos Smart plates are

constructed from a single technopolymer surface that rests against the wall almost without any thickness, highlighting the components it contains.



The Élos Soft version of the anthracite grey keys has an organic and curvilinear surface whilst the Élos Smart version is flat and essential; both lines feature a vertical line which is familiar to the touch. The metal and technopolymer versions of the Élos Soft plates are available in more than 20 colors and in 3, 4 and 6 module versions.



Élos has been selected amongst the best products competing in the Design section of the prestigious 2003 Intel Design "Augusto Morello" award.



As you've never seen it before



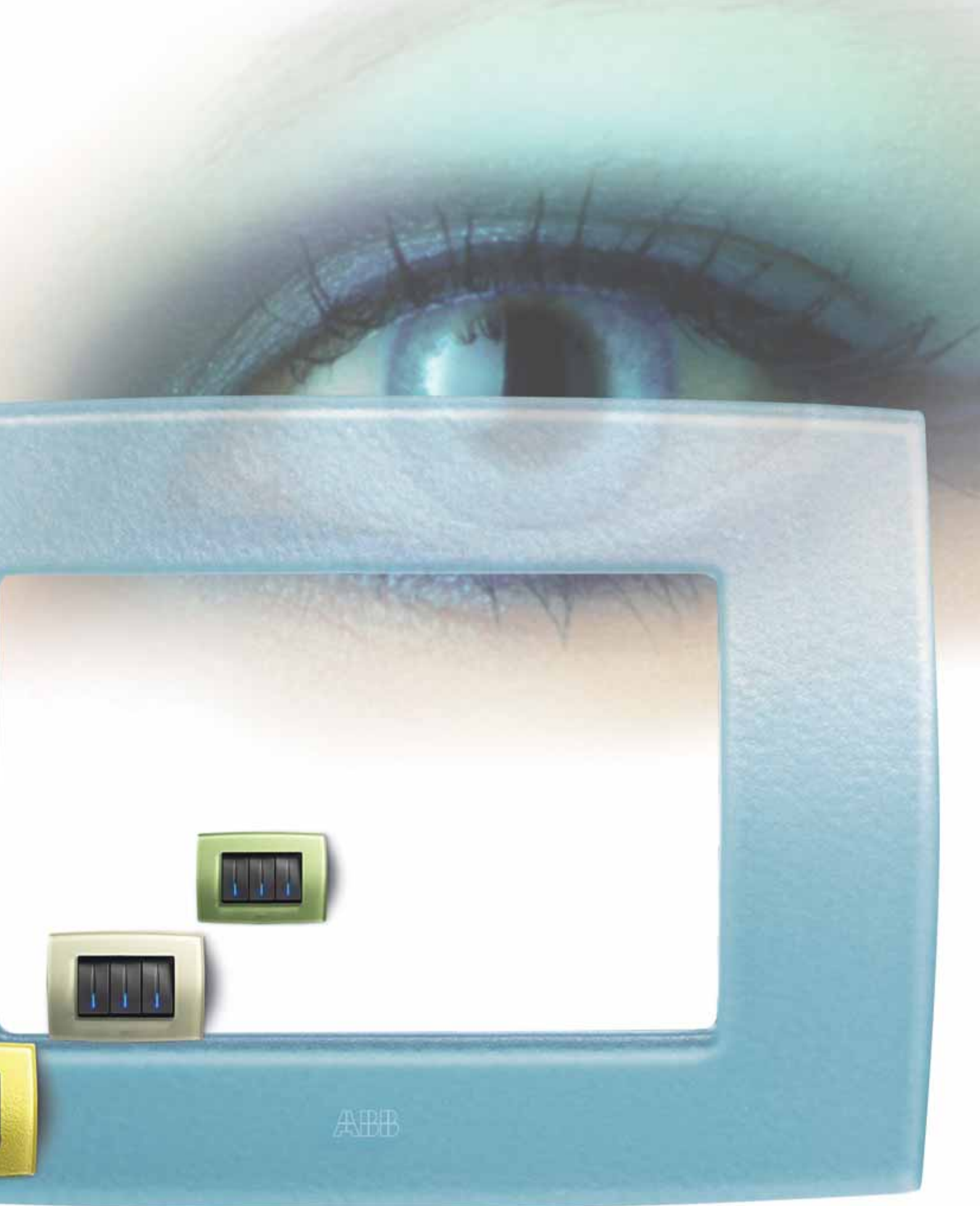
*The transparency highlights the purity of the design:
Élos Soft glass is the choice for those that leave nothing to chance.*

Today Élos adds the irresistible and exclusive appeal of glass which, with its delicate transparencies, adds a unique elegance to Élos Soft: the delicate and refined profile of the soft wave is perfectly expressed with the glass.

Élos glass exudes vibrancy to sight and touch, satisfying the desire for beauty and harmony.

The plates in the range recall the colors of precious stones such as quartz, emerald, zircon, pearl, topaz and turquoise in both glossy and satin finishes.





A wide range of articles is available for each of the two Élos Soft and Élos Smart lines including devices, plates and accessories. The codes of the line that you want to install must be indicated in the order, by referring to the corresponding section of this short catalogue.



All the eligible products in the range have obtained the IMQ certification as required to comply with current reference standards.



Control devices

One-way and two-way switches, push buttons, reversing switches, relays and change-over switches in different versions to configure utility functions and control points in the most flexible and suitable way for each residential and working context.

The range includes devices with warning lights to indicate the status of the controlled devices or for night-time localization; articles fitted with a key make it possible to limit their usage according to specific conditions.

The torpedo and ampoule-shaped bulbs for warning light devices must be ordered separately; the codes are listed amongst the accessories.

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Sockets

2P+E 10-16A plug versions for 250V lines are available in Italian and German standards, with safety shutters and side/central earth.

The range also includes standard European and American shaver sockets, SELV sockets for very low voltage safety devices and other special sockets. Various types of connectors for telephone and data transmission applications are available complying with the most frequently used and advanced international wiring standards.

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Key covers

To identify available functions and connected devices with different symbols.

These are used to replace the standard keys supplied with control devices.

In 1 and 1/2 module versions.

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Protection devices

These come into action in the event of overloads, short circuits, power surges and other phenomena that are hazardous for the users and prevent the connected devices from functioning correctly. They provide protection directly downstream without interfering with the power supply to other points on the electrical plant. The devices in the range include the anti-interference filter that can be fitted upstream of utilities that are particularly sensitive to network interference.

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Warning devices

Warning lights to indicate the functioning status of connected devices, bells and buzzers (also available in one single device). The path light is used as a courtesy light to illuminate pedestrian paths and areas, for example corridors, garages, cellars etc. The torpedo and ampoule-shaped bulbs fitted to the warning lights must be ordered separately; the codes are listed amongst the accessories.

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Devices for safety and comfort

To optimize the functioning of the electrical devices and increase the comfort of environments, the range includes devices for programming, adjustment and timing, thermostats and electronic programmable thermostats and clocks. In case of methane or LPG gas leaks, the detectors automatically close the solenoid valve that they are connected to, to stop the delivery and prevent dangerous situations; the alarm can be extended in many places with the signal repeater. The anti black-out lamp switches on in case of interruption in the power supply with an autonomy of up to 4.5 hours; by removing it from the socket it can be used as a torch.

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Special systems

The bus components for security burglar alarm systems allow for the management of up to 6 different areas which can be activated separately with the insertion/slicing device.

The fixed or adjustable lens volumetric detectors and the contacts for the connection to the protection system for doors and windows register any burglary attempts in the controlled environments by activating the internal acoustic warning devices and the siren for the exterior; the telephone dial dials the numbers set in the memory to send an alarm warning. To prevent the disconnection or the damage of the single components, the installation of an anti-tampering device that intervenes activating the alarms is recommended.

With the speaker system you can extend stereophonic broadcasts from tuners or external sources (e.g. HI-FI) throughout the home.

The use of the intercom with microphone is especially useful in hotel and residential structures as a paging system.

A complete access control and devices management system with up to 3 authorization levels is also available: the components in the range include the card key, the external reader in which to insert the card to enter the premises and the internal reader with which to activate the devices connected (e.g. lights, opening blinds etc.).

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Components and functions



Accessories

Complementary articles and spare parts for devices and components in the range are available.

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Installation components

Blank module for unused modules and 3, 4, 6, 8 and 12-module supports for installing devices and components in rectangular flush-mounting boxes.

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IP40 and IP55 boxes and devices

The Élos field of application is increased to include environments that require IP40 protection degree, according to the CEI 64-8 standard, or IP55, according to the EN 60079 and CEI 64-2 standards. The IP55 versions allow Élos to be used in particularly demanding environments with the presence of dust or flammable liquids. They are available in RAL 7035 grey and are made of thermoplastic fire resistant self-extinguishing material (650 °C incandescent wire test) according to the IEC 60695-2-1 standard. They guarantee dimensional stability between -20 and 85 °C, high resistance to UV rays, impacts, heat and to chemical and atmospheric agents.

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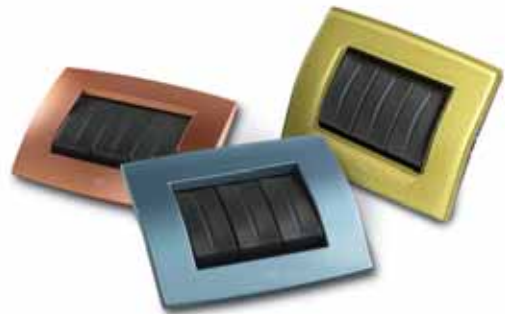


Plate materials, colors and finishes

Élos Soft plates are available in metal and technopolymer with a glossy finish and also in the mica-colors version.

The metal plates are also supplied with special surface treatments (glossy chrome, brushed steel and natural zama).

Élos Smart plates are made in technopolymer, with mica-colors versions and a satin finish.

A 3-module plate measures 121 x 86 x 14 mm for the Élos Soft and 119 x 88 x 13 mm for the Élos Smart.

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Elos
SOFT



Reference standards

Control devices

One-way and two-way switches, reversing switches, change-over switches:
CEI 23-9 (EN 60669-1)

Latching relay:

CEI 23-9/CEI 23-62
(EN 60669-1/EN 60669-2-2)

Monostable relays:

CEI 94-4/CEI EN 61810-1
(EN 60669-1/EN 60669-2-2)

CONTROL DEVICES

Switches, 250V~



2CSE1001SF
One-pole
one-way switch,
16A - 250V~



2CSE1002SF
Two-pole
one-way switch,
16A - 250V~



2CSE1004SF ⁽¹⁾
One-pole
one-way switch,
16A - 250V~,
with function light



2CSE1006SF ⁽¹⁾
Two-pole
one-way switch,
16A - 250V~,
with function light



2CSE1007EL
Two-pole
one-way switch,
10A - 250V~,
with key

Two-way switches, 250V~



2CSE1003SF
One-pole
two-way switch,
16A - 250V~



2CSE1008SF ⁽¹⁾
One-pole
two-way switch,
16A - 250V~,
with function light



2CSE1009EL
One-pole
two-way switch,
10A - 250V~,
with key

Reversing switches, 250V~



2CSE1010SF
Reversing switch,
16A - 250V~



2CSE1011SF
Change-over
switch,
10A - 250V~,
with 3 positions
and central OFF

Relays, 250V~



2CSE1012EL
Latching relay, 1 pole.
Output contact
10A (AC1)/7A (AC15) - 250V~.
With coil 230V~
50/60Hz



2CSE1013EL
Latching relay, 2 poles.
Output contacts
10A (AC1)/7A (AC15) - 250V~.
With coil 230V~
50/60Hz



2CSE1014EL
Monostable relay, 1 pole.
Output contact
10A (AC1)/4A (AC15) - 250V~.
With coil 230V~
50/60Hz

⁽¹⁾ The devices with warning lights are supplied without bulbs: to order the correct version consult the codes (page 20) and the selection table (page 44).



Push buttons, 250V~



2CSE1005SF
Single-pole push
button NO,
16A - 250V~



2CSE1015SF ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light



2CSE1016SF
Single-pole push
button NC,
16A - 250V~



2CSE1017EL
Double single-pole
push button NO,
16A - 250V~



2CSE1018SF
Double single-pole
push button NO,
10A - 250V~,
with interlock



2CSE1019SF
Two-pole push
button NO,
16A - 250V~

Reference standards

Control devices

Push buttons:

CEI 23-9 (EN 60669-1)



2CSE1020EL
Two-pole push
button NO,
16A - 250V~,
pull, 150 cm long
cord with knob



2CSE1021EL
Two-pole push
button NO,
10A - 250V~,
with key



2CSE1022SF
Single-pole push
button NO,
10A - 250V~,
START symbol, with
auxiliary contact
NC, 10A - 250V~



2CSE1023SF
Single-pole push
button NC,
10A - 250V~,
STOP symbol, with
auxiliary contact
NO, 10A - 250V~

Special push buttons, 250V~



2CSE1024EL ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with red diffuser



2CSE1025EL ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with green diffuser



2CSE1026EL ⁽¹⁾
Single-pole push
button NO,
10A - 250V~,
with backlit label
plate (with 12V or
24V bulbs)



2CSE1027SF ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and DOOR symbol



2CSE1028SF ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and BELL symbol



2CSE1029SF ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and LIGHT symbol



2CSE1030SF ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and STAIRCASE
LIGHT symbol

(1) The devices with warning lights are supplied without bulbs: to order the correct version consult the codes (page 20) and the selection table (page 44).

KEY COVERS



2CSE1501SF
1-module key
cover, generic



2CSE1522SF
1-module key
cover, for devices
with function light



2CSE1502EL
1-module key
cover, generic,
with label



2CSE1503SF
1-module key
cover, with
NURSING STAFF
symbol and
transparent diffuser



2CSE1504SF
1-module key
cover, with
TABLE LIGHT
symbol and
transparent diffuser



2CSE1505SF
1-module key
cover, with
DIMMER
symbol and
transparent diffuser



2CSE1506SF
1-module key
cover, with FAN
symbol and
transparent diffuser



2CSE1507SF
1-module key
cover, with
TELEPHONE
symbol and
transparent diffuser



2CSE1508SF
1-module key
cover, with
OPEN DOOR/GATE
symbol and
transparent diffuser



2CSE1509SF
1-module key
cover, with
CLOSE DOOR/GATE
symbol and
transparent diffuser



2CSE1511EL
1/2 module key
cover, generic



2CSE1512EL
1/2 module key
cover, generic, with
label



2CSE1513EL
1/2 module key
cover, generic, with
red diffuser



2CSE1514EL
1/2 module key
cover, generic, with
green diffuser



2CSE1515EL
1/2 module key
cover, generic, with
amber diffuser



2CSE1516EL
1/2 module key
cover, generic, with
transparent diffuser



2CSE1517EL
1/2 module key
cover, generic, with
blue diffuser



2CSE1518EL
1/2 module key
cover, generic, with
VERTICAL ARROW
symbol



2CSE1519EL
1/2 module key
cover, generic, with
HORIZONTAL
ARROW symbol



2CSE1520EL
1/2 module key
cover, generic, with
OPEN DOOR/GATE
symbol



2CSE1521EL
1/2 module key
cover, generic, with
CLOSE DOOR/GATE
symbol



SOCKET OUTLETS

Italian standard socket outlets with safety shutters, 250V~



2CSE1101EL
2P+E, 10A, socket
P 11 type



2CSE1102EL
2P+E, 16A, socket
P 17 type



2CSE1103EL
2P+E, 16A, dual
amp socket
P 17/11 type



2CSE1104EL
2P+E, 16A, dual
amp socket
P 17/11 type,
red



2CSE1105EL
2P+E, 16A, dual
amp socket
P 17/11 type,
green



2CSE1106EL
2P+E, 16A, dual
amp socket
P 17/11 type,
orange

Reference standards

Socket outlets

CEI 23-5/CEI 23-50/CEI 23-16
(IEC 60884-1)

Shaver sockets:

EN 60742/EN 61000-3-2/EN 55014
EN 55104



2CSE1107EL
2x2P+E, 16A,
dual amp socket
P 17/11 type

Italian/German standard socket outlets with safety shutters and side/central earth, 250V~



2CSE1108EL
2P+E, 16A, socket
P 30 type



2CSE1109EL
2P+E, 16A,
dual amp socket
P 30/17 type



2CSE1110EL
2P+E, 16A,
dual amp socket
P 30/17 type, red



2CSE1111EL
2P+E, 16A,
dual amp socket
P 30/17 type,
green



2CSE1112EL
2P+E, 16A,
dual amp socket
P 30/17 type,
orange

Special socket outlets



2CSE1113EL
Shaver socket, European/American
standard with safety isolating transformer
230V~ - 50/60 Hz



2CSE1114EL
2P, 6A, 24V (SELV)
socket



2CSE1115EL
2P, 6A, 24V (SELV)
polarized socket



2CSE1116EL
Socket outlet
five-pole
DIN 41524

Reference standards

Socket outlets

TV/SAT socket outlets:
EN 50083-1/EN 50083-2/
EN 50083-4

Telephone socket outlets:
ISO 11801

Data connectors:
EN 50173, ISO 11801,
EIA/TIA 568A

SOCKET OUTLETS

TV/SAT socket outlets, A class shielding ⁽¹⁾



2CSE1117EL
TV/SAT coaxial
socket, direct,
male ø 9.5 mm
IEC connector



2CSE1118EL
TV/SAT coaxial
socket, feedtrough,
male ø 9.5 mm
IEC connector,
5 dB attenuation



2CSE1119EL
TV/SAT coaxial
socket, direct, F
female connector



2CSE1120EL
TV/SAT coaxial
socket, feedtrough,
F female
connector, 5 dB
attenuation

Telephone sockets, international standard



2CSE1121EL
RJ11 telephone
connector



2CSE1122EL
RJ12 telephone
connector



2CSE1123EL
RJ11 double
telephone
connector

EDP sockets



2CSE1124EL
RJ45, Cat. 5e, UTP
data connector



2CSE1125EL
RJ45, Cat. 5e, FTP
data connector



2CSE1126EL
RJ45, Cat. 3, UTP
data connector



2CSE1135EL
Adaptor for RJ45
connector
Keystone type



2CSE1127EL
BNC connector,
50 ohm, for RG58
cable crimping



2CSE1128EL
BNC connector,
75/93 ohm, for
RG59/62 cable
crimping



2CSE1129EL
IBM cabling system
type data
transmission
connector,
insulation
displacement for
IBM1/2/6 cables



2CSE1130EL
TWINAX
connector, for 100
ohm coaxial cable
welding



2CSE1131EL
9-poles connector,
SUB D, welding
connection



2CSE1132EL
15-poles
connector, SUB D,
welding
connection



2CSE1133EL
25-poles
connector, SUB D,
welding connection

⁽¹⁾ All socket outlets allow current to pass between the output connector and the input terminals.



PROTECTION DEVICES



2CSE1301EL ⁽¹⁾
Fuse holder
for ø 6.3x32 mm,
16A - 250V~ fuses



2CSE1302EL
Surge protection
device with tripping
warning, 75J, 250V~



2CSE1303EL
Anti-interference
filter, 3.5A - 250V~,
attenuation at
1MHz equal to
55 dB



2CSE1304EL
MCB, 1P+N, C6,
1.5kA breaking
capacity



2CSE1305EL
MCB, 1P+N, C10,
3kA breaking
capacity



2CSE1306EL
MCB, 1P+N, C16,
3kA breaking
capacity

Reference standards

Protection devices

Power surge limiting devices:
EN 60099-4

Anti-interference filter:
CEI 40-7/CEI 40-8/EN 60065

MCBs:
CEI 23-3 (EN 60898)

RCBOs:
CEI 23-44 (EN 61009-1)/
EN 61543



2CSE1307EL
RCBO, 1P+N, C6 - 10mA, 1.5kA breaking
capacity



2CSE1308EL
RCBO, 1P+N, C10 - 10mA, 3kA breaking
capacity



2CSE1309EL
RCBO, 1P+N, C16 - 10mA, 3kA breaking
capacity

WARNING DEVICES

Warning lights



2CSE1310EL ⁽²⁾
Amber warning
light, 12/24/250V~,
with torpedo-
shaped bulb
socket



2CSE1311EL ⁽²⁾
Transparent
warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1312EL ⁽²⁾
Red warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1313EL ⁽²⁾
Green warning
light, 12/24/250V~,
with torpedo-
shaped bulb
socket



2CSE1314EL ⁽²⁾
Blue warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1315EL ⁽²⁾
Double warning
light red and green,
12/24/250V~, with
ampoule-shaped
bulb socket



2CSE1316EL ⁽²⁾
Opal path light with adjustable light beam,
12/24V, with torpedo-shaped bulb socket

(1) For the type of fuse, consult
the codes (page 20) and the
selection table (page 44).

(2) The devices with warning
lights are supplied without
bulbs: to order the correct
version consult the codes (page
20) and the selection table
(page 44).

Reference standards

Warning devices

Acoustic warning devices:
EN 60065/EN 50081-1/
EN 50082-1

WARNING DEVICES

Acoustic warnings



2CSE1317EL
Bell, 12V, 50Hz,
8VA,
acoustic intensity:
80 dB/1 m



2CSE1318EL
Bell, 230V, 50Hz,
8VA,
acoustic intensity:
80 dB/1 m



2CSE1319EL
Combined electronic
bell/buzzer 12V,
50/60Hz,
acoustic intensity:
buzzer 75 dB/1 m,
bell 70 dB/1 m



2CSE1320EL
Combined electronic
bell/buzzer 230V,
50/60Hz,
acoustic intensity:
buzzer 75 dB/1 m,
bell 70 dB/1 m



2CSE1321EL
Buzzer 12V, 50Hz,
8VA,
acoustic intensity:
70 dB/1 m



2CSE1322EL
Buzzer 230V,
50Hz, 8VA,
acoustic intensity:
70 dB/1 m

Safety and comfort devices

Electronic programmable
thermostat:
EN 60730-1/EN 60730-2-7/
EN 60730-2-9/EN 61000-3-2/
EN 61000-3-3/EN 55014/
EN 55104

Electronic thermostat:
EN 60730-1/EN 60730-2-9/
EN 61000-3-2/EN 61000-3-3/
EN 55014/EN 55104

Electronic programmer:
EN 50082-1/EN 50081-1/
EN 60730-1/EN 60730-2-7

Electronic timed push button:
EN 60669-1/EN 60669-2-3

Dimmer:
EN 60669-1/EN 60669-2-1/
EN 50081-1/EN 55104

SAFETY AND COMFORT DEVICES

Thermostats



2CSE1201EL
Summer/winter electronic programmable
thermostat, with daily and weekly
programming and 3 temperature levels.
Output contact NO, 5A (AC1)/2A (AC15) –
250V~



2CSE1202EL
Summer/winter electronic thermostat, with
night-time reduction remote control input
and 3 temperature levels.
Output contact NO, 5A (AC1)/2A (AC15) –
250V~

Programmable and timers



2CSE1203EL
2 channels daily/weekly electronic
programmer with 2 change-over output
contacts NO/NC, 5A (AC1)/2A (AC15) –
250V~



2CSE1204EL
Electronic timed push button with remote
control input, 1 NO output contact, 10A
(AC1)/5A (AC15) – 250V~

Dimmers



2CSE1205EL
Electronic dimmer
with rotary control
for resistive loads,
100-500W, 230V~
50/60Hz



2CSE1206EL (1)
Electronic dimmer
with push button
control for resistive
and inductive
loads, 60-500W
(60-500VA), 230V~
50/60Hz



2CSE1207EL
Electronic dimmer
with rotary control
and with two-way
switch for resistive
and inductive
loads, 40-300W
(40-300VA), 230V~
50/60Hz



2CSE1208EL
Electronic dimmer
with push button
control for resistive-
inductive loads and
electronic power
supplies for very
low voltage halogen
bulbs, 25-180W
(25-180VA), 230V~
50/60Hz



2CSE1209EL
Electronic dimmer with push button control
for resistive-inductive loads and electronic
power supplies for very low voltage halogen
bulbs, 25-300W (25-250VA), 230V~
50/60Hz

(1) For the type of fuse, consult
the codes (page 20) and the
selection table (page 44).



Gas detectors



2CSE1210EL

Electronic methane gas detector with acoustic and light warning, relay output, 1 change-over contact NO/NC 10A (AC1)/5A (AC15) – 250V~. Power supply 230V~ - 50Hz



2CSE1211EL

Electronic LPG gas detector with acoustic and light warning, relay output, 1 change-over contact NO/NC 10A (AC1)/5A (AC15) – 250V~. Power supply 230V~ - 50Hz



2CSE1212EL

Acoustic and light warning signal repeater with silencing push button, 230V~ 50/60Hz



2CSE1213EL

Solenoid valve for gas system with manual reset, normally open, 230V~ - 50Hz

Reference standards

Safety and comfort devices

Gas detectors:

CEI 116-1/UNI CEI 70028/
DM 30-05-95/EN 50081-1/
EN 50082-1

Repeaters for gas detectors:

EN 60065/EN 50081-1/
EN 50082-1

Extractable anti black-out light:

EN 60598-1
EN 60598-2-2

IR movement detector:

EN 60669-1/EN 60669-2-1

Remote control:

EN 50082-1

IR receiver:

EN 60669-1/EN 60669-2-1/
EN 60669-2-2



2CSE1214EL

Extractable anti black-out light, 230V~. Charge reserve equal to 4.5 hours and recharge time equal to 10-20 hours. To be combined with 230V~ socket outlets; especially suitable for codes 2CSE1108EL and 2CSE1109EL



2CSE1215EL

Digital clock/calendar with hour-minutes/day-month display, 230V~ - 50Hz



2CSE1216EL

IR movement detector with twilight threshold for controlling and adjusting the intervention duration of the lighting devices. Relay output NO 5A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50/60Hz



2CSE1217EL

Portable remote control, 6-channels/3 bands, range 15 m



2CSE1218EL

1 channel IR receiver with 1 push button. Relay output NO 5A (AC1)/2A (AC15) 250V~. Power supply 230V~ - 50/60Hz

Reference standards

Special systems

Security burglar alarm bus system:
EN 50081-1/EN 50130-4/
CEI 79-2

SPECIAL SYSTEMS

Security burglar alarm bus system



2CSE1401EL

6-zones central unit with warning lights for the system functioning status. 24Vdc bus power supply



2CSE1402EL

Activator/partialized combined device. 24Vdc bus power supply



2CSE1403EL

Radio frequency remote control with variable code transmission system. Maximum functioning distance 1 m



2CSE1404EL

Fixed lens IR volumetric movement detector. Bus power supply



2CSE1405EL

Adjustable lens IR volumetric presence detector. Bus power supply



2CSE1406EL

Contacts interface for connecting doors and windows protection devices to the system. Bus power supply



2CSE1407EL

Interior acoustic warning device with sound intensity equal to 70 dB at 3 m. Bus power supply



2CSE1408EL

Exterior self-powered siren suitable for wall installation, with sound intensity equal to 100 dB at 3 m. Bus power supply



2CSE1409EL

Electronic power supply suitable for wall installation, 230V~ - 50Hz. For systems with max. 10 devices. Nr. 2 12V 2Ah/2,2Ah batteries not supplied



2CSE1410EL

Electronic power supply suitable for wall installation, 230V~ - 50Hz. For systems with max. 32 devices. To be used in systems with 2CSE1411EL telephone dialer, independently of the number of devices. Nr. 2 12V 6,5Ah/7Ah batteries not supplied



2CSE1411EL

Telephone dialer with voice synthesis



2CSE1427EL

Universal anti-tampering device for modular devices



Speaker system



2CSE1412EL

Pre-amplifier with 2 audio inputs for RCA plugs and centralized system control. Power supply 24Vdc



2CSE1413EL

FM tuner with 9 pre-set channels and clock radio function. Power supply 24Vdc



2CSE1414EL

Auxiliary monostable relay with light warning for the remote control of the sound source. Relay output NO 5A (AC1)/2A (AC15) 250V~



2CSE1415EL

Local selector for system activation, program selection and volume adjustment. Power supply 24Vdc



2CSE1416EL

2 way high efficiency active speaker, fitted with speaker support. It can match the Élos Smart plates, 8 modules 2CSE08..SMP. Power supply 24Vdc



2CSE1417EL

Self-protected electronic power supply for fitting on EN 50022 rail, 230V~ 50/60Hz. 24Vdc – 1.5A output



2CSE1418EL

Intercom module with microphone for people paging. Power supply 24Vdc

Access and electric devices management control system



2CSE1419EL

Card reading terminal unit for access control. Power supply 12Vac/dc



2CSE1420EL

Card reading terminal unit for 3 level user management. Power supply 12Vac/dc



2CSE1421EL

MASTER type card with microchip, with programming functions



2CSE1422EL

USER type card with microchip



2CSE1423EL

Actuator module for access control, for fitting on EN 50022 rail. Supplied with 1 NO output contact. Power supply 12Vac/dc



2CSE1424EL

Actuator module for 3-level user management, for fitting on EN 50022 rail. Supplied with 3 change-over output contacts 5A (AC1)/2.5A (AC15) - 250V~



2CSE1425EL

Self-protected electronic power supply, for fitting on EN 50022 rail, 230V~ - 50/60Hz



2CSE1426EL

Universal badge switch with localization light, 250V~

Reference standards

Special systems

Access control system:
EN 50081-1/
EN 50082-1/EN 55104/
EN 60742

ACCESSORIES

Wiring



2CSE1608EL

Shielded cables for connecting external sound sources in MONO systems

2CSE1609EL

Shielded cables for connecting external sound sources in STEREO systems

Resistors for TV sockets



2CSE1610EL

Terminal closure resistor, 75 ohm

Keys



2CSE1611EL

Set of 2 spare keys for one-way and two-way switches

2CSE1612EL

Set of 2 spare keys for push buttons

Ampoule-shaped bulbs



2CSE1613EL

White incandescent bulb, 12V, 0.4W

2CSE1615EL

Red fluorescent bulb, 230V, 0.4W



2CSE1632EL

Blue LED bulb, 230V/110V, 1W, with cables

2CSE1614EL

White incandescent bulb, 24V, 0.8W

2CSE1616EL

Green fluorescent bulb, 230V, 0.8W

2CSE1633EL

White LED bulb, 230V/110V, 1W, with cables

Torpedo-shaped bulbs



2CSE1619EL

White incandescent bulb, 12V, 2W, dimensions S6x36 mm

2CSE1621EL

White incandescent bulb, 12V, 2W, dimensions S6x31 mm

2CSE1623EL

Red fluorescent bulb, 110/230V, 0.4W, dimensions S6.3x28 mm

2CSE1620EL

White incandescent bulb, 24V, 2W, dimensions S6x36 mm

2CSE1622EL

White incandescent bulb, 24V, 2W, dimensions S6x31 mm

2CSE1624EL

Green fluorescent bulb, 110/230V, 0.4W, dimensions S6.3x28 mm

Fuses, 250V~



2CSE1625EL

Dimmer fuse, 2.5A, 5x20 mm

2CSE1627EL

Fuse holder fuse, 4A, 6.3x32 mm

2CSE1629EL

Fuse holder fuse, 10A, 6.3x32 mm

2CSE1626EL

Fuse holder fuse, 2A, 6.3x32 mm

2CSE1628EL

Fuse holder fuse, 6A, 6.3x32 mm

2CSE1630EL

Fuse holder fuse, 16A, 6.3x32 mm



INSTALLATION COMPONENTS

Hole covers



2CSE1601EL
Blank module



2CSE1602EL
Blank module, with
outlet for cable
ø 4mm and ø 8mm

Reference standards

Installation components
Supports for rectangular flush-
mounting boxes:
CEI 23-9 (EN 60669-1)

Supports for rectangular flush-mounting boxes



2CSE1603EL
3-modules support



2CSE1604EL
4-module supports



2CSE1605EL
6-module supports

WALL BOXES

IP40 wall boxes ⁽¹⁾



2CSE2240EL
2-module box,
IP40



2CSE2340EL
3-module box,
IP40



2CSE2440EL
4-module box,
IP40



2CSE2840EL
8-module box,
IP40

Reference standards

Installation components
IP40 wall box:
CEI 23-48

⁽¹⁾ The protection degree for
open front devices (e.g. socket
outlets) is less than IP40 but not
less than IP20.

IP55 wall boxes



2CSE2255EL
2-module box,
IP55



2CSE2355EL
3-module box,
IP55



2CSE2455EL
4-module box, IP55

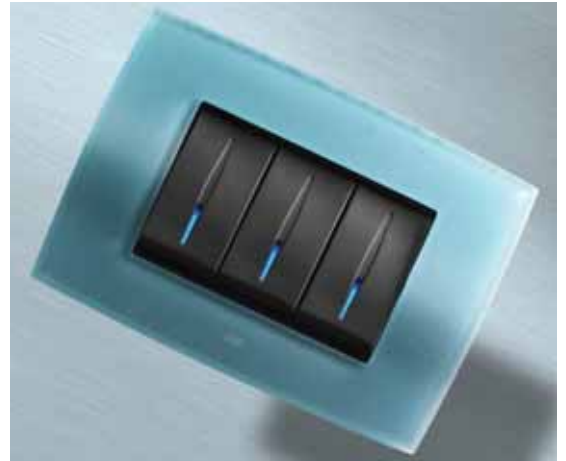


2CSE2855EL
8-module box, IP55

Reference standards

Installation components
IP55 wall box:
CEI 23-48

GLASS PLATES





Reference standards

Plates
CEI 23-9 (EN 60669-1)



satin turquoise blue

3 modules **2CSE0330SFV**
4 modules **2CSE0430SFV**



satin topaz orange

3 modules **2CSE0315SFV**
4 modules **2CSE0415SFV**



satin emerald green

3 modules **2CSE0340SFV**
4 modules **2CSE0440SFV**



zircon yellow

3 modules **2CSE0317SFV**
4 modules **2CSE0417SFV**



satin pearl white

3 modules **2CSE0312SFV**
4 modules **2CSE0412SFV**



quartz white

3 modules **2CSE0313SFV**
4 modules **2CSE0413SFV**

Reference standards

Plates

CEI 23-9 (EN 60669-1)

TECHNOPOLYMER PLATES

Mica-colors with glossy finish



silver grey

3 modules	2CSE0302SFP
4 modules	2CSE0402SFP
6 modules	2CSE0602SFP



light silver grey

3 modules	2CSE0303SFP
4 modules	2CSE0403SFP
6 modules	2CSE0603SFP



volcano grey

3 modules	2CSE0304SFP
4 modules	2CSE0404SFP
6 modules	2CSE0604SFP



slate grey

3 modules	2CSE0305SFP
4 modules	2CSE0405SFP
6 modules	2CSE0605SFP



dune yellow

3 modules	2CSE0315SFP
4 modules	2CSE0415SFP
6 modules	2CSE0615SFP



sahara yellow

3 modules	2CSE0316SFP
4 modules	2CSE0416SFP
6 modules	2CSE0616SFP



havana brown

3 modules	2CSE0317SFP
4 modules	2CSE0417SFP
6 modules	2CSE0617SFP



copper red

3 modules	2CSE0321SFP
4 modules	2CSE0421SFP
6 modules	2CSE0621SFP



clay red

3 modules	2CSE0322SFP
4 modules	2CSE0422SFP
6 modules	2CSE0622SFP



arizona red

3 modules	2CSE0323SFP
4 modules	2CSE0423SFP
6 modules	2CSE0623SFP



atlantic blue

3 modules	2CSE0330SFP
4 modules	2CSE0430SFP
6 modules	2CSE0630SFP



mediterranean blue

3 modules	2CSE0331SFP
4 modules	2CSE0431SFP
6 modules	2CSE0631SFP



lake green

3 modules	2CSE0340SFP
4 modules	2CSE0440SFP
6 modules	2CSE0640SFP



forest green

3 modules	2CSE0341SFP
4 modules	2CSE0441SFP
6 modules	2CSE0641SFP

With glossy finish



anthracite grey

3 modules	2CSE0301SFP
4 modules	2CSE0401SFP
6 modules	2CSE0601SFP



antarctic white

3 modules	2CSE0311SFP
4 modules	2CSE0411SFP
6 modules	2CSE0611SFP



ABB red

3 modules	2CSE0320SFP
4 modules	2CSE0420SFP
6 modules	2CSE0620SFP

Reference standards

Plates

CEI 23-9 (EN 60669-1)

METAL PLATES

Mica-colors with glossy finish



silver grey

3 modules	2CSE0302SFZ
4 modules	2CSE0402SFZ
6 modules	2CSE0602SFZ



light silver grey

3 modules	2CSE0303SFZ
4 modules	2CSE0403SFZ
6 modules	2CSE0603SFZ



volcano grey

3 modules	2CSE0304SFZ
4 modules	2CSE0404SFZ
6 modules	2CSE0604SFZ



slate grey

3 modules	2CSE0305SFZ
4 modules	2CSE0405SFZ
6 modules	2CSE0605SFZ



titanium grey

3 modules	2CSE0306SFZ
4 modules	2CSE0406SFZ
6 modules	2CSE0606SFZ



dune yellow

3 modules	2CSE0315SFZ
4 modules	2CSE0415SFZ
6 modules	2CSE0615SFZ



sahara yellow

3 modules	2CSE0316SFZ
4 modules	2CSE0416SFZ
6 modules	2CSE0616SFZ



havana brown

3 modules	2CSE0317SFZ
4 modules	2CSE0417SFZ
6 modules	2CSE0617SFZ



copper red

3 modules	2CSE0321SFZ
4 modules	2CSE0421SFZ
6 modules	2CSE0621SFZ



clay red

3 modules	2CSE0322SFZ
4 modules	2CSE0422SFZ
6 modules	2CSE0622SFZ



arizona red

3 modules	2CSE0323SFZ
4 modules	2CSE0423SFZ
6 modules	2CSE0623SFZ



atlantic blue

3 modules	2CSE0330SFZ
4 modules	2CSE0430SFZ
6 modules	2CSE0630SFZ



mediterranean blue

3 modules	2CSE0331SFZ
4 modules	2CSE0431SFZ
6 modules	2CSE0631SFZ



fjord blue

3 modules	2CSE0332SFZ
4 modules	2CSE0432SFZ
6 modules	2CSE0632SFZ



aurora violet

3 modules	2CSE0333SFZ
4 modules	2CSE0433SFZ
6 modules	2CSE0633SFZ



lake green

3 modules	2CSE0340SFZ
4 modules	2CSE0440SFZ
6 modules	2CSE0640SFZ



forest green

3 modules	2CSE0341SFZ
4 modules	2CSE0441SFZ
6 modules	2CSE0641SFZ

Reference standards

Plates

CEI 23-9 (EN 60669-1)

METAL PLATES

With glossy finish



anthracite grey

3 modules	2CSE0301SFZ
4 modules	2CSE0401SFZ
6 modules	2CSE0601SFZ



antarctic white

3 modules	2CSE0311SFZ
4 modules	2CSE0411SFZ
6 modules	2CSE0611SFZ



ABB red

3 modules	2CSE0320SFZ
4 modules	2CSE0420SFZ
6 modules	2CSE0620SFZ

With special surface treatments



glossy chrome

3 modules	2CSE0350SFZ
4 modules	2CSE0450SFZ
6 modules	2CSE0650SFZ



brushed steel

3 modules	2CSE0351SFZ
4 modules	2CSE0451SFZ
6 modules	2CSE0651SFZ



natural zama

3 modules	2CSE0352SFZ
4 modules	2CSE0452SFZ
6 modules	2CSE0652SFZ



glossy gold

3 modules	2CSE0353SFZ
4 modules	2CSE0453SFZ
6 modules	2CSE0653SFZ

Elos
SMART



Reference standards

Control devices

One-way and two-way switches, reversing switches, change-over switches: CEI 23-9 (EN 60669-1)

Latching relay:

CEI 23-9/CEI 23-62 (EN 60669-1/EN 60669-2-2)

Monostable relays:

CEI 94-4/CEI EN 61810-1 (EN 60669-1/EN 60669-2-2)

CONTROL DEVICES

Switches, 250V~



2CSE1001SM
One-pole
one-way switch,
16A - 250V~



2CSE1002SM
Two-pole
one-way switch,
16A - 250V~



2CSE1004SM ⁽¹⁾
One-pole
one-way switch,
16A - 250V~,
with function light



2CSE1006SF ⁽¹⁾
Two-pole
one-way switch,
16A - 250V~,
with function light



2CSE1007EL
Two-pole
one-way switch,
10A - 250V~,
with key

Two-way switches, 250V~



2CSE1003SM
One-pole
two-way switch,
16A - 250V~



2CSE1008SM ⁽¹⁾
One-pole
two-way switch,
16A - 250V~,
with function light



2CSE1009EL
One-pole
two-way switch,
10A - 250V~,
with key

Reversing switches, 250V~



2CSE1010SM
Reversing switch,
16A - 250V~

Change-over switches, 250V~



2CSE1011SM
Change-over
switch,
10A - 250V~,
with 3 positions
and central OFF

Relays, 250V~



2CSE1012EL
Latching relay, 1 pole.
Output contact
10A (AC1)/7A (AC15) - 250V~.
With coil 230V~
50/60Hz



2CSE1013EL
Latching relay, 2 poles.
Output contacts
10A (AC1)/7A (AC15) - 250V~.
With coil 230V~
50/60Hz



2CSE1014EL
Monostable relay, 1 pole.
Output contact
10A (AC1)/4A (AC15) - 250V~.
With coil 230V~
50/60Hz

⁽¹⁾ The devices with warning lights are supplied without bulbs: to order the correct version consult the codes (page 40) and the selection table (page 44).



Push buttons, 250V~



2CSE1005SM
Single-pole push
button NO,
16A - 250V~



2CSE1015SM ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light



2CSE1016SM
Single-pole push
button NC,
16A - 250V~



2CSE1017EL
Double single-pole
push button NO,
16A - 250V~



2CSE1018SM
Double single-pole
push button NO,
10A - 250V~,
with interlock



2CSE1019SM
Two-pole push
button NO,
16A - 250V~

Reference standards

Control devices

Push buttons:

CEI 23-9 (EN 60669-1)



2CSE1020EL
Two-pole push
button NO,
16A - 250V~,
pull, 150 cm long
cord with knob



2CSE1021EL
Two-pole push
button NO,
10A - 250V~,
with key



2CSE1022SM
Single-pole push
button NO,
10A - 250V~,
START symbol, with
auxiliary contact
NC, 10A - 250V~



2CSE1023SM
Single-pole push
button NC,
10A - 250V~,
STOP symbol, with
auxiliary contact
NO, 10A - 250V~

Special push buttons, 250V~



2CSE1024EL ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with red diffuser



2CSE1025EL ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with green diffuser



2CSE1026EL ⁽¹⁾
Single-pole push
button NO,
10A - 250V~,
with backlit label
plate (with 12V or
24V bulbs)



2CSE1027SM ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and DOOR symbol



2CSE1028SM ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and BELL symbol



2CSE1029SM ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and LIGHT symbol



2CSE1030SM ⁽¹⁾
Single-pole push
button NO,
16A - 250V~,
with function light
and STAIRCASE
LIGHT symbol

(1) The devices with warning lights are supplied without bulbs: to order the correct version consult the codes (page 40) and the selection table (page 44).

KEY COVERS



2CSE1501SM
1-module key
cover, generic



2CSE1522SM
1-module key
cover, for devices
with function light



2CSE1502EL
1-module key
cover, generic,
with label



2CSE1503SM
1-module key
cover, with
NURSING STAFF
symbol and
transparent diffuser



2CSE1504SM
1-module key
cover, with
TABLE LIGHT
symbol and
transparent diffuser



2CSE1505SM
1-module key
cover, with
DIMMER
symbol and
transparent diffuser



2CSE1506SM
1-module key
cover, with FAN
symbol and
transparent diffuser



2CSE1507SM
1-module key
cover, with
TELEPHONE
symbol and
transparent diffuser



2CSE1508SM
1-module key
cover, with
OPEN DOOR/GATE
symbol and
transparent diffuser



2CSE1509SM
1-module key
cover, with
CLOSE DOOR/GATE
symbol and
transparent diffuser



2CSE1511EL
1/2 module key
cover, generic



2CSE1512EL
1/2 module key
cover, generic, with
label



2CSE1513EL
1/2 module key
cover, generic, with
red diffuser



2CSE1514EL
1/2 module key
cover, generic, with
green diffuser



2CSE1515EL
1/2 module key
cover, generic, with
amber diffuser



2CSE1516EL
1/2 module key
cover, generic, with
transparent diffuser



2CSE1517EL
1/2 module key
cover, generic, with
blue diffuser



2CSE1518EL
1/2 module key
cover, generic, with
VERTICAL ARROW
symbol



2CSE1519EL
1/2 module key
cover, generic, with
HORIZONTAL
ARROW symbol



2CSE1520EL
1/2 module key
cover, generic, with
OPEN DOOR/GATE
symbol



2CSE1521EL
1/2 module key
cover, generic, with
CLOSE DOOR/GATE
symbol



SOCKET OUTLETS

Italian standard socket outlets with safety shutters, 250V~



2CSE1101EL
2P+E, 10A, socket
P 11 type



2CSE1102EL
2P+E, 16A, socket
P 17 type



2CSE1103EL
2P+E, 16A, dual
amp socket
P 17/11 type



2CSE1104EL
2P+E, 16A, dual
amp socket
P 17/11 type,
red



2CSE1105EL
2P+E, 16A, dual
amp socket
P 17/11 type,
green



2CSE1106EL
2P+E, 16A, dual
amp socket
P 17/11 type,
orange

Reference standards

Socket outlets

CEI 23-5/CEI 23-50/CEI 23-16
(IEC 60884-1)

Shaver sockets:

EN 60742/EN 61000-3-2/EN 55014
EN 55104



2CSE1107EL
2x2P+E, 16A,
dual amp socket
P 17/11 type

Italian/German standard socket outlets with safety shutters and side/central earth, 250V~



2CSE1108EL
2P+E, 16A, socket
P 30 type



2CSE1109EL
2P+E, 16A,
dual amp socket
P 30/17 type



2CSE1110EL
2P+E, 16A,
dual amp socket
P 30/17 type, red



2CSE1111EL
2P+E, 16A,
dual amp socket
P 30/17 type,
green



2CSE1112EL
2P+E, 16A,
dual amp socket
P 30/17 type,
orange

Special socket outlets



2CSE1113EL
Shaver socket, European/American
standard with safety isolating transformer
230V~ - 50/60 Hz



2CSE1114EL
2P, 6A, 24V (SELV)
socket



2CSE1115EL
2P, 6A, 24V (SELV)
polarized socket



2CSE1116EL
Socket outlet
five-pole
DIN 41524

Reference standards

Socket outlets

TV/SAT socket outlets:
EN 50083-1/EN 50083-2/
EN 50083-4

Telephone socket outlets:
ISO 11801

Data connectors:
EN 50173, ISO 11801,
EIA/TIA 568A

SOCKET OUTLETS

TV/SAT socket outlets, A class shielding ⁽¹⁾



2CSE1117EL
TV/SAT coaxial
socket, direct,
male ø 9.5 mm
IEC connector



2CSE1118EL
TV/SAT coaxial
socket, feedtrough,
male ø 9.5 mm
IEC connector,
5 dB attenuation



2CSE1119EL
TV/SAT coaxial
socket, direct, F
female connector



2CSE1120EL
TV/SAT coaxial
socket, feedtrough,
F female
connector, 5 dB
attenuation

Telephone sockets, international standard



2CSE1121EL
RJ11 telephone
connector



2CSE1122EL
RJ12 telephone
connector



2CSE1123EL
RJ11 double
telephone
connector

EDP sockets



2CSE1124EL
RJ45, Cat. 5e, UTP
data connector



2CSE1125EL
RJ45, Cat. 5e, FTP
data connector



2CSE1126EL
RJ45, Cat. 3, UTP
data connector



2CSE1135EL
Adaptor for RJ45
connector
Keystone type



2CSE1127EL
BNC connector,
50 ohm, for RG58
cable crimping



2CSE1128EL
BNC connector,
75/93 ohm, for
RG59/62 cable
crimping



2CSE1129EL
IBM cabling system
type data
transmission
connector,
insulation
displacement for
IBM1/2/6 cables



2CSE1130EL
TWINAX
connector, for 100
ohm coaxial cable
welding



2CSE1131EL
9-poles connector,
SUB D, welding
connection



2CSE1132EL
15-poles
connector, SUB D,
welding
connection



2CSE1133EL
25-poles
connector, SUB D,
welding connection

⁽¹⁾ All socket outlets allow current to pass between the output connector and the input terminals.



PROTECTION DEVICES



2CSE1301EL ⁽¹⁾
Fuse holder
for $\varnothing$ 6.3x32 mm,
16A - 250V~ fuses



2CSE1302EL
Surge protection
device with tripping
warning, 75J, 250V~



2CSE1303EL
Anti-interference
filter, 3.5A - 250V~,
attenuation at
1MHz equal to
55 dB



2CSE1304EL
MCB, 1P+N, C6,
1.5kA breaking
capacity



2CSE1305EL
MCB, 1P+N, C10,
3kA breaking
capacity



2CSE1306EL
MCB, 1P+N, C16,
3kA breaking
capacity

Reference standards

Protection devices

Power surge limiting devices:
EN 60099-4

Anti-interference filter:
CEI 40-7/CEI 40-8/EN 60065

MCBs:
CEI 23-3 (EN 60898)

RCBOs:
CEI 23-44 (EN 61009-1)/
EN 61543



2CSE1307EL
RCBO, 1P+N, C6 - 10mA, 1.5kA breaking
capacity



2CSE1308EL
RCBO, 1P+N, C10 - 10mA, 3kA breaking
capacity



2CSE1309EL
RCBO, 1P+N, C16 - 10mA, 3kA breaking
capacity

WARNING DEVICES

Warning lights



2CSE1310EL ⁽²⁾
Amber warning
light, 12/24/250V~,
with torpedo-
shaped bulb
socket



2CSE1311EL ⁽²⁾
Transparent
warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1312EL ⁽²⁾
Red warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1313EL ⁽²⁾
Green warning
light, 12/24/250V~,
with torpedo-
shaped bulb
socket



2CSE1314EL ⁽²⁾
Blue warning light,
12/24/250V~, with
torpedo-shaped
bulb socket



2CSE1315EL ⁽²⁾
Double warning
light red and green,
12/24/250V~, with
ampoule-shaped
bulb socket



2CSE1316EL ⁽²⁾
Opal path light with adjustable light beam,
12/24V, with torpedo-shaped bulb socket

(1) For the type of fuse, consult
the codes (page 40) and the
selection table (page 44).

(2) The devices with warning
lights are supplied without
bulbs: to order the correct
version consult the codes (page
40) and the selection table
(page 44).

Reference standards

Warning devices

Acoustic warning devices:
EN 60065/EN 50081-1/
EN 50082-1

WARNING DEVICES

Acoustic warnings



2CSE1317EL
Bell, 12V, 50Hz,
8VA, acoustic
intensity: 80 dB/1 m



2CSE1318EL
Bell, 230V, 50Hz,
8VA, acoustic
intensity: 80 dB/1 m



2CSE1319EL
Combined electronic
bell/buzzer 12V,
50/60Hz, acoustic
intensity:
buzzer 75 dB/1 m,
bell 70 dB/1 m



2CSE1320EL
Combined electronic
bell/buzzer 230V,
50/60Hz,
acoustic intensity:
buzzer 75 dB/1 m,
bell 70 dB/1 m



2CSE1321EL
Buzzer 12V, 50Hz,
8VA, acoustic
intensity: 70 dB/1 m



2CSE1322EL
Buzzer 230V,
50Hz, 8VA,
acoustic intensity:
70 dB/1 m

Safety and comfort devices

Electronic programmable
thermostat:
EN 60730-1/EN 60730-2-7/
EN 60730-2-9/EN 61000-3-2/
EN 61000-3-3/EN 55014/
EN 55104

Electronic thermostat:
EN 60730-1/EN 60730-2-9/
EN 61000-3-2/EN 61000-3-3/
EN 55014/EN 55104

Electronic programmer:
EN 50082-1/EN 50081-1/
EN 60730-1/EN 60730-2-7

Electronic timed push button:
EN 60669-1/EN 60669-2-3

Dimmer:
EN 60669-1/EN 60669-2-1/
EN 50081-1/EN 55104

SAFETY AND COMFORT DEVICES

Thermostats



2CSE1201EL
Summer/winter electronic programmable
thermostat, with daily and weekly
programming and 3 temperature levels.
Output contact NO, 5A (AC1)/2A (AC15) –
250V~



2CSE1202EL
Summer/winter electronic thermostat, with
night-time reduction remote control input
and 3 temperature levels.
Output contact NO, 5A (AC1)/2A (AC15) –
250V~

Programmings and timers



2CSE1203EL
2 channels daily/weekly electronic
programmer with 2 change-over output
contacts NO/NC, 5A (AC1)/2A (AC15) –
250V~



2CSE1204EL
Electronic timed push button with remote
control input, 1 NO output contact, 10A
(AC1)/5A (AC15) – 250V~

Dimmers



2CSE1205EL
Electronic dimmer
with rotary control
for resistive loads,
100-500W, 230V~
50/60Hz



2CSE1206EL ⁽¹⁾
Electronic dimmer
with push button
control for resistive
and inductive
loads, 60-500W
(60-500VA), 230V~
50/60Hz



2CSE1207EL
Electronic dimmer
with rotary control
and with two-way
switch for resistive
and inductive
loads, 40-300W
(40-300VA), 230V~
50/60Hz



2CSE1208EL
Electronic dimmer
with push button
control for resistive-
inductive loads and
electronic power
supplies for very
low voltage halogen
bulbs, 25-180W
(25-180VA), 230V~
50/60Hz



2CSE1209EL
Electronic dimmer with push button control
for resistive-inductive loads and electronic
power supplies for very low voltage halogen
bulbs, 25-300W (25-250VA), 230V~
50/60Hz

(1) For the type of fuse, consult
the codes (page 40) and the
selection table (page 44).



Gas detectors



2CSE1210EL

Electronic methane gas detector with acoustic and light warning, relay output, 1 change-over contact NO/NC 10A (AC1)/5A (AC15) – 250V~. Power supply 230V~ - 50Hz



2CSE1211EL

Electronic LPG gas detector with acoustic and light warning, relay output, 1 change-over contact NO/NC 10A (AC1)/5A (AC15) – 250V~. Power supply 230V~ - 50Hz



2CSE1212EL

Acoustic and light warning signal repeater with silencing push button, 230V~ 50/60Hz



2CSE1213EL

Solenoid valve for gas system with manual reset, normally open, 230V~ - 50Hz

Reference standards

Safety and comfort devices

Gas detectors:

CEI 116-1/UNI CEI 70028/
DM 30-05-95/EN 50081-1/
EN 50082-1

Repeaters for gas detectors:

EN 60665/EN 50081-1/
EN 50082-1

Extractable anti black-out light:

EN 60598-1
EN 60598-2-2

IR movement detector:

EN 60669-1/EN 60669-2-1

Remote control:

EN 50082-1

IR receiver:

EN 60669-1/EN 60669-2-1/
EN 60669-2-2



2CSE1214EL

Extractable anti black-out light, 230V~. Charge reserve equal to 4.5 hours and recharge time equal to 10-20 hours. To be combined with 230V~ socket outlets; especially suitable for codes 2CSE1108EL and 2CSE1109EL



2CSE1215EL

Digital clock/calendar with hour-minutes/day-month display, 230V~ - 50Hz



2CSE1216EL

IR movement detector with twilight threshold for controlling and adjusting the intervention duration of the lighting devices. Relay output NO 5A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50/60Hz



2CSE1217EL

Portable remote control, 6-channels/3 bands, range 15 m



2CSE1218EL

1 channel IR receiver with 1 push button. Relay output NO 5A (AC1)/2A (AC15) -250V~. Power supply 230V~ - 50/60Hz

Reference standards

Special systems

Security burglar alarm bus system:
EN 50081-1/EN 50130-4/
CEI 79-2

SPECIAL SYSTEMS

Security burglar alarm bus system



2CSE1401EL

6-zones central unit with warning lights for the system functioning status. 24Vdc bus power supply



2CSE1402EL

Activator/partialized combined device. 24Vdc bus power supply



2CSE1403EL

Radio frequency remote control with variable code transmission system. Maximum functioning distance 1 m



2CSE1404EL

Fixed lens IR volumetric movement detector. Bus power supply



2CSE1405EL

Adjustable lens IR volumetric presence detector. Bus power supply



2CSE1406EL

Contacts interface for connecting doors and windows protection devices to the system. Bus power supply



2CSE1407EL

Interior acoustic warning device with sound intensity equal to 70 dB at 3 m. Bus power supply



2CSE1408EL

Exterior self-powered siren suitable for wall installation, with sound intensity equal to 100 dB at 3 m. Bus power supply



2CSE1409EL

Electronic power supply suitable for wall installation, 230V~ - 50Hz. For systems with max. 10 devices. Nr. 2 12V 2Ah/2,2Ah batteries not supplied



2CSE1410EL

Electronic power supply suitable for wall installation, 230V~ - 50Hz. For systems with max. 32 devices. To be used in systems with 2CSE1411EL telephone dialer, independently of the number of devices. Nr. 2 12V 6,5Ah/7Ah batteries not supplied



2CSE1411EL

Telephone dialer with voice synthesis



2CSE1427EL

Universal anti-tampering device for modular devices



Speaker system



2CSE1412EL

Pre-amplifier with 2 audio inputs for RCA plugs and centralized system control. Power supply 24Vdc



2CSE1413EL

FM tuner with 9 pre-set channels and clock radio function. Power supply 24Vdc



2CSE1414EL

Auxiliary monostable relay with light warning for the remote control of the sound source. Relay output NO 5A (AC1)/2A (AC15) 250V~



2CSE1415EL

Local selector for system activation, program selection and volume adjustment. Power supply 24Vdc



2CSE1416EL

2 way high efficiency active speaker, fitted with speaker support. It can match the Élos Smart plates, 8 modules 2CSE08..SMP. Power supply 24Vdc



2CSE1417EL

Self-protected electronic power supply for fitting on EN 50022 rail, 230V~ - 50/60Hz. 24Vdc - 1.5A output



2CSE1418EL

Intercom module with microphone for people paging. Power supply 24Vdc

Access and electric devices management control system



2CSE1419EL

Card reading terminal unit for access control. Power supply 12Vac/dc



2CSE1420EL

Card reading terminal unit for 3 level user management. Power supply 12Vac/dc



2CSE1421EL

MASTER type card with microchip, with programming functions



2CSE1422EL

USER type card with microchip



2CSE1423EL

Actuator module for access control, for fitting on EN 50022 rail. Supplied with 1 NO output contact. Power supply 12Vac/dc



2CSE1424EL

Actuator module for 3-level user management, for fitting on EN 50022 rail. Supplied with 3 change-over output contacts 5A (AC1)/2.5A (AC15) - 250V~



2CSE1425EL

Self-protected electronic power supply, for fitting on EN 50022 rail, 230V~ - 50/60Hz



2CSE1426EL

Universal badge switch with localization light, 250V~

Reference standards

Special systems

Access control system:
EN 50081-1/
EN 50082-1/EN 55104/
EN 60742

ACCESSORIES

Wiring



2CSE1608EL

Shielded cables for connecting external sound sources in MONO systems

2CSE1609EL

Shielded cables for connecting external sound sources in STEREO systems

Resistors for TV sockets



2CSE1610EL

Terminal closure resistor, 75 ohm

Keys



2CSE1611EL

Set of 2 spare keys for one-way and two-way switches

2CSE1612EL

Set of 2 spare keys for push buttons

Ampoule-shaped bulbs



2CSE1613EL

White incandescent bulb, 12V, 0.4W

2CSE1615EL

Red fluorescent bulb, 230V, 0.4W



2CSE1632EL

Blue LED bulb, 230V/110V, 1W, with cables

2CSE1614EL

White incandescent bulb, 24V, 0.8W

2CSE1616EL

Green fluorescent bulb, 230V, 0.8W

2CSE1633EL

White LED bulb, 230V/110V, 1W, with cables

Torpedo-shaped bulbs



2CSE1619EL

White incandescent bulb, 12V, 2W, dimensions S6x36 mm

2CSE1621EL

White incandescent bulb, 12V, 2W, dimensions S6x31 mm

2CSE1623EL

Red fluorescent bulb, 110/230V, 0.4W, dimensions S6.3x28 mm

2CSE1620EL

White incandescent bulb, 24V, 2W, dimensions S6x36 mm

2CSE1622EL

bulb, 24V, 2W, dimensions S6x31 mm

2CSE1624EL

Green fluorescent bulb, 110/230V, 0.4W, dimensions S6.3x28 mm

Fuses, 250V~



2CSE1625EL

Dimmer fuse, 2.5A, 5x20 mm

2CSE1627EL

Fuse holder fuse, 4A, 6.3x32 mm

2CSE1629EL

Fuse holder fuse, 10A, 6.3x32 mm

2CSE1626EL

Fuse holder fuse, 2A, 6.3x32 mm

2CSE1628EL

Fuse holder fuse, 6A, 6.3x32 mm

2CSE1630EL

Fuse holder fuse, 16A, 6.3x32 mm



INSTALLATION COMPONENTS

Hole covers



2CSE1601EL
Blank module



2CSE1602EL
Blank module, with
outlet for cable
ø 4mm and ø 8mm

Supports for rectangular flush-mounting boxes



2CSE1603EL
3-module supports



2CSE1604EL
4-module supports



2CSE1605EL
6-module supports



2CSE1606EL
8-module supports



2CSE1607EL
12-module supports

Reference standards

Installation components
Supports for rectangular flush-
mounting boxes:
CEI 23-9 (EN 60669-1)

WALL BOXES

IP40 wall boxes ⁽¹⁾



2CSE2240EL
2-module box,
IP40



2CSE2340EL
3-module box,
IP40



2CSE2440EL
4-module box,
IP40



2CSE2840EL
8-module box,
IP40

Reference standards

Installation components
IP40 wall box:
CEI 23-48

⁽¹⁾ The protection degree for
open front devices (e.g. socket
outlets) is less than IP40 but not
less than IP20.

IP55 wall boxes



2CSE2255EL
2-module box,
IP55



2CSE2355EL
3-module box,
IP55



2CSE2455EL
4-module box, IP55



2CSE2855EL
8-module box, IP55

Reference standards

Installation components
IP55 wall box:
CEI 23-48

Reference standards

Plates

CEI 23-9 (EN 60669-1)

TECHNOPOLYMER PLATES

Mica-colors with satin finish



silver grey

3 modules	2CSE0302SMP
4 modules	2CSE0402SMP
6 modules	2CSE0602SMP
8 modules	2CSE0802SMP



light silver grey

3 modules	2CSE0303SMP
4 modules	2CSE0403SMP
6 modules	2CSE0603SMP
8 modules	2CSE0803SMP



volcano grey

3 modules	2CSE0304SMP
4 modules	2CSE0404SMP
6 modules	2CSE0604SMP
8 modules	2CSE0804SMP



slate grey

3 modules	2CSE0305SMP
4 modules	2CSE0405SMP
6 modules	2CSE0605SMP
8 modules	2CSE0805SMP



titanium grey

3 modules	2CSE0306SMP
4 modules	2CSE0406SMP
6 modules	2CSE0606SMP
8 modules	2CSE0806SMP



sahara yellow

3 modules	2CSE0316SMP
4 modules	2CSE0416SMP
6 modules	2CSE0616SMP
8 modules	2CSE0816SMP



havana brown

3 modules	2CSE0317SMP
4 modules	2CSE0417SMP
6 modules	2CSE0617SMP
8 modules	2CSE0817SMP



copper red

3 modules	2CSE0321SMP
4 modules	2CSE0421SMP
6 modules	2CSE0621SMP
8 modules	2CSE0821SMP



arizona red

3 modules	2CSE0323SMP
4 modules	2CSE0423SMP
6 modules	2CSE0623SMP
8 modules	2CSE0823SMP



atlantic blue

3 modules	2CSE0330SMP
4 modules	2CSE0430SMP
6 modules	2CSE0630SMP
8 modules	2CSE0830SMP



mediterranean blue

3 modules	2CSE0331SMP
4 modules	2CSE0431SMP
6 modules	2CSE0631SMP
8 modules	2CSE0831SMP



lake green

3 modules	2CSE0340SMP
4 modules	2CSE0440SMP
6 modules	2CSE0640SMP
8 modules	2CSE0840SMP

With satin finish



forest green

3 modules	2CSE0341SMP
4 modules	2CSE0441SMP
6 modules	2CSE0641SMP
8 modules	2CSE0841SMP



anthracite grey

3 modules	2CSE0301SMP
4 modules	2CSE0401SMP
6 modules	2CSE0601SMP
8 modules	2CSE0801SMP
12 modules	2CSE0901SMP



stone grey

3 modules	2CSE0307SMP
4 modules	2CSE0407SMP
6 modules	2CSE0607SMP
8 modules	2CSE0807SMP



antarctic white

3 modules	2CSE0311SMP
4 modules	2CSE0411SMP
6 modules	2CSE0611SMP
8 modules	2CSE0811SMP
12 modules	2CSE0911SMP



ABB red

3 modules	2CSE0320SMP
4 modules	2CSE0420SMP
6 modules	2CSE0620SMP
8 modules	2CSE0820SMP

Order information

Devices coding criteria

2	C	S	E	1				
FIXED PART OF THE CODE	PRODUCT FAMILY	PROGRESSIVE PRODUCT NUMBER	LINE					

Example

Élos Soft one-pole one-way switch

2	C	S	E	1	0	0	1	S	F
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

PRODUCT FAMILY

0 = Control device

1 = Socket outlets

2 = Safety and comfort devices

3 = Protection devices and warning devices

4 = Special systems

5 = Key covers

6 = Installation components, accessories and spare parts

LINE

SF = Élos Soft line components

SM = Élos Smart line components

EL = Élos Soft and Élos Smart components

Plates coding criteria

2	C	S	E	0					
FIXED PART OF THE CODE	NUMBER OF MODULES	COLOR CODE	LINE/MATERIAL						

Example

Élos Smart Plate in technopolymer, 3-modules, silver grey color

2	C	S	E	0	3	0	2	S	M	P
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

NUMBER OF MODULES

3 = 3 modules plate

4 = 4 modules plate

6 = 6 modules plate

8 = 8 modules plate

9 = 12 modules plate

COLOR

For Élos Soft refer to pages 23-28

For Élos Smart refer to pages 42-43

LINE/MATERIAL

SFV = Élos soft glass

SFP = Élos Soft in technopolymer

SFZ = Élos Soft in metal

SMP = Élos Smart in technopolymer

Bulbs for devices with warning lights

Control devices, push buttons with diffuser and warning lights

		Ampoule-shaped bulbs					
		Incandescent		Fluorescent		LED	
2CSE1004SF	Switch 1P 16A with function light						
2CSE1004SM	Switch 1P 16A with function light						
2CSE1006SF	Switch 2P 16A with function light						
2CSE1006SM	Switch 2P 16A with function light						
2CSE1008SF	Switch 1P 16A with function light						
2CSE1008SM	Switch 1P 16A with function light						
2CSE1015SF	Push button 1P NA 16A with function light						
2CSE1015SM	Push button 1P NA 16A with function light						
2CSE1024EL	Push button 1P NA 16A with red diffuser	2CSE1613EL	2CSE1614EL	2CSE1615EL	2CSE1616EL	2CSE1632EL	2CSE1633EL
		White	White	Red	Green	Blue	White
		12V	24V	230V	230V	230V/110V	230V/110V
		0,4W	0,8W	0,4W	0,8W	1W	1W
2CSE1025EL	Push button 1P NA 16A with green diffuser						
2CSE1027SF	Push button 1P NA 16A with DOOR symbol						
2CSE1027SM	Push button 1P NA 16A with DOOR symbol						
2CSE1028SF	Push button 1P NA 16A with BELL symbol						
2CSE1028SM	Push button 1P NA 16A with BELL symbol						
2CSE1029SF	Push button 1P NA 16A with LIGHT symbol						
2CSE1029SM	Push button 1P NA 16A with LIGHT symbol						
2CSE1030SF	Push button 1P NA 16A with STAIRCASE LIGHT symbol						
2CSE1030SM	Push button 1P NA 16A with STAIRCASE LIGHT symbol						
2CSE1315EL	Double warning light 12/24/250V~, red/green						

		Torpedo-shaped bulbs					
		Incandescent					
2CSE1026EL	Single-pole push button NO, 10A with backlit label plate	2CSE1619EL	2CSE1620EL				
		White	White				
		12V 2W	24V 2W				
		S6x36	S6x36				

Warning devices

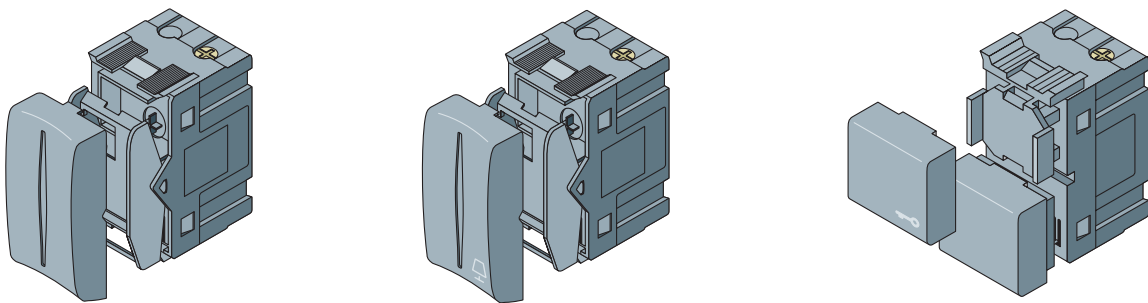
		Torpedo-shaped bulbs					
		Incandescent		Fluorescent			
2CSE1310EL	Amber warning light, 12/24/250V~	2CSE1621EL	2CSE1622EL	2CSE1623EL	2CSE1624EL		
2CSE1311EL	Transparent warning light, 12/24/250V~	White	White	Red	Green		
2CSE1312EL	Red warning light, 12/24/250V~	12V 2W	24V 2W	110/230V	110/230V		
2CSE1313EL	Green warning light, 12/24/250V~	S6X31	S6X31	0,4W S6,3X28	0,4W S6,3X28		
2CSE1314EL	Blue warning light, 12/24/250V~						
2CSE1316EL	Opal path light with adjustable light beam, 12/24V	2CSE1619EL	2CSE1620EL				
		White,	White,				
		12V 2W	24V 2W				
		S6X36	S6X36				

Fuses for fuse holders and dimmers

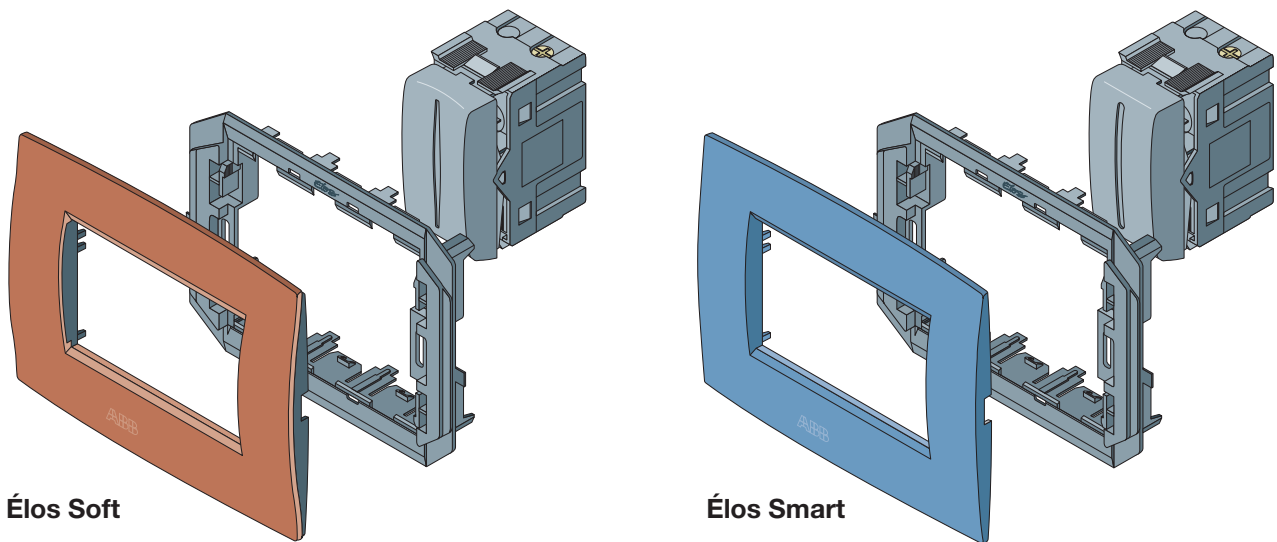
Fuse holders		Fuses for fuse holders					
2CSE1301EL	Fuse holder, for fuses Ø 6,3x32mm, 16A, 250V~	2CSE1626EL	2CSE1627EL	2CSE1628EL	2CSE1629EL	2CSE1630EL	
		2A 6,3x32 mm	4A 6,3x32 mm	6A 6,3x32 mm	10A 6,3x32 mm	16A 6,3x32 mm	
Dimmer		Fusibile per dimmer					
2CSE1206EL	Electronic dimmer with push button, for resistive and inductive loads, 230V~, 60-500W (60-500 VA)	2CSE1625EL					
		2,5A 5x20 mm					

Construction specifications

Keys replacement



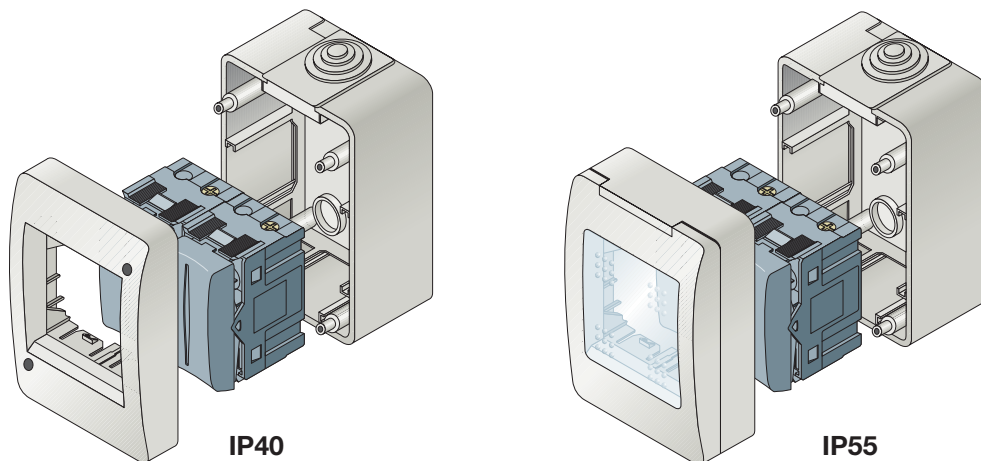
Devices and plates composition



Élos Soft

Élos Smart

Devices and boxes composition



IP40

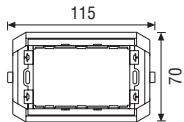
IP55

Overall dimensions

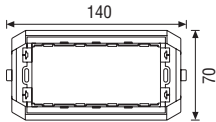
Supports and plates

Supports for Élos Soft and Élos Smart

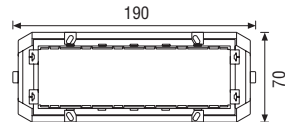
3 modules



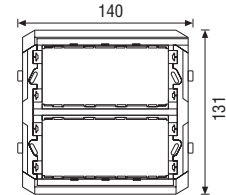
4 modules



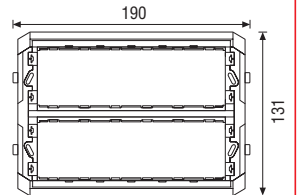
6 modules



8 modules

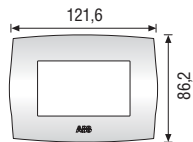


12 modules

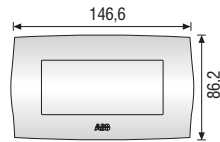


Élos Soft plates

3 modules



4 modules

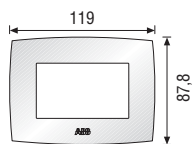


6 modules

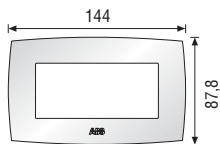


Élos Smart plates

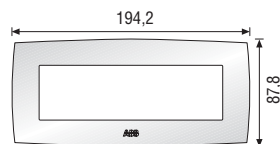
3 modules



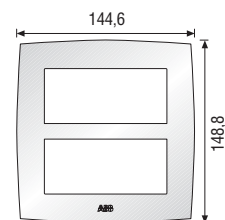
4 modules



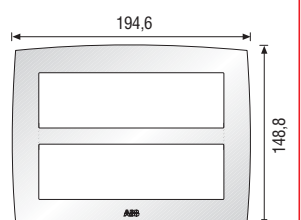
6 modules



8 modules



12 modules

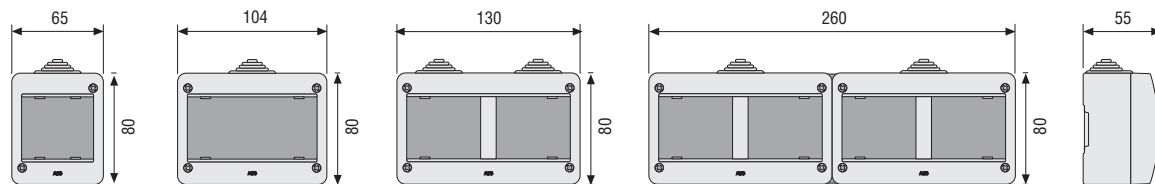


Dimensions mm

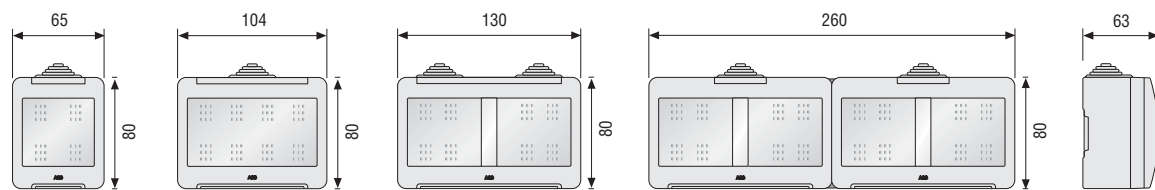
Overall dimensions

IP40 and IP55 boxes and devices

IP40 wall boxes



IP55 wall boxes



Dimensions mm



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In consideration of modifications to Standards and materials,
the characteristics and overall dimensions indicated in this
catalogue may be considered binding only following confirmation
by ABB SACE

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