



LUXURY SWITCH

BARCELONA • PARIS • LONDON • MOSCOW • DUBAI • MILAN • FRANKFURT • TOKYO



We are passionate about brass and the art of transforming it into covers for luxury switches.

We are pleased to present our NEW 2014 CATALOGUE, with collections designed for Haute-Décor projects.

Every FEDE collection is the result of the "savoir-faire" of our master craftsmen, experts in casting and restoring noble metals. Our seal of authenticity: "FEDE LUXURY SWITCH Made in Barcelona" highlights the artistic and creative excellence in the craftsmanship of our covers, which are unique and exclusive.

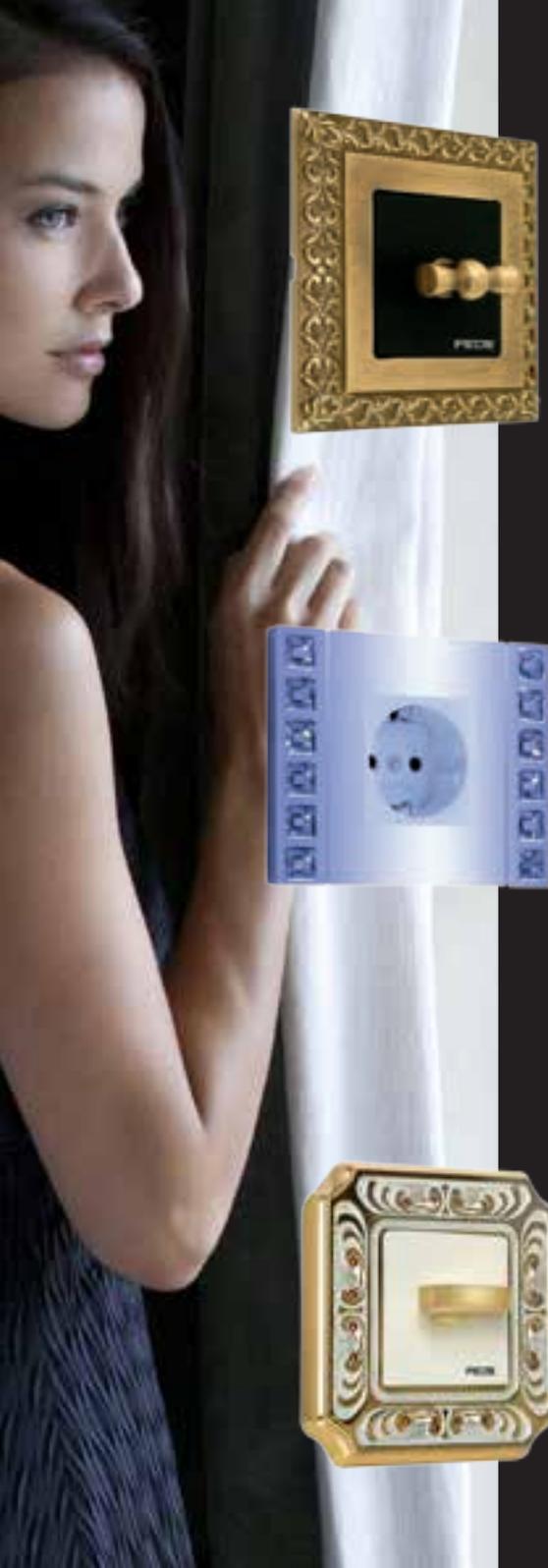
"Mix & Max", mix and maximise: the latest trend in décor from FEDE for 2014. Now you can apply this to choosing your switches and finishings, to achieve eclectic décor.

From the minimalism of our first and original collections, BARCELONA and MADRID; the classics with their retro air, authentic must-haves, represented by our SAN SEBASTIÁN, SEVILLA and TOLEDO collections; our VINTAGE and new BELLE ÉPOQUE collections, which combine exquisite materials and finishes; absolute luxury captured in the CRYSTAL DE LUXE and PALACE collections; the traditional, hand-produced Provençal distressed finish in white for our PROVENCE collection; the rich Baroque décor of our SIENA and FIRENZE collections; the jeweller's art as a source of inspiration for the most sought-after collection, SMALTO ITALIANO; exquisite Moorish art in the GRANADA collection; the new SANREMO collection, with its captivating, harmonious, exclusive floral motif, and finally, the culmination point, our latest collection, EMPORIO, simply a masterpiece, chic and refined.

After selecting your covers for each setting, we invite you to complete your project with our wide range of state-of-the-art electrical mechanisms, which you can find in this catalogue and on our website, www.fedebcn.com. What is more, we offer surface switches www.fedesurface.com and decorative lighting www.fedelighting.com, the perfect match for our switches and part of the "SWITCH & LIGHT" concept created by FEDE.

Our style and personality can transform spaces into unique settings. It is the details, like our decorative covers for switches and electrical mechanisms, that make the difference.

A commonplace activity like switching on the light becomes an art.



Classic

N°1 IN CLASSICS
"Retro" styled

Toscana

A "MUST HAVE"
Switches of Tuscan Style



Crystal de Luxe

THE "JEWEL" SWITCH
For absolute Luxury
MADE WITH SWAROVSKI® ELEMENTS

Provence

PROVENCE STYLE
Hand finished in "White decapé"



Palace

BARROQUE & ECLECTIC
FEDE has created the "it" switch
MADE WITH SWAROVSKI® ELEMENTS

Smalto italiano

Italian enamel dressing the
walls like precious stones



Emporio

A TRUE MASTERPIECE
Luxury reigns in a chic style



Vintage Porcelain

A perfect combination of
porcelain and brass



Granada

The exquisite Moorish Art



Belle Epoque

Metallic materials to celebrate
our Golden Age



San Remo

The NEW-FLOWER-INSPIRED
collection



CLASSIC COLLECTIONS

CRYSTAL DE LUXE



BARCELONA
collection



MADRID
collection



SAN SEBASTIAN
collection



SEVILLA
collection



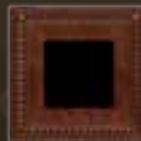
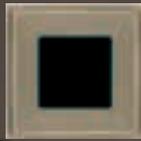
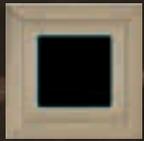
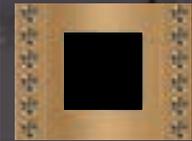
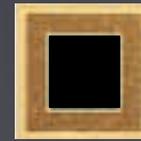
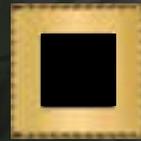
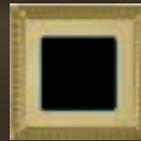
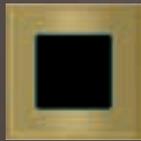
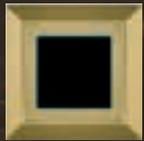
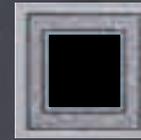
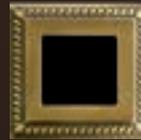
TOLEDO
collection



ART
collection



**SAND &
VELVET DÉCOR**
collection



PROVENCE

TOSCANA

PALACE

SMALTO ITALIANO

EMPORIO



PROVENCE
collection



SIENA
collection



FIRENZE
collection



PALACE
collection



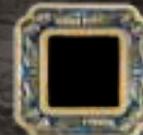
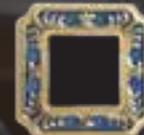
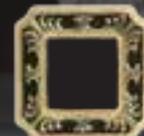
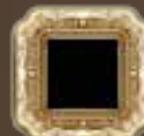
SIENA
collection



FIRENZE
collection



EMPORIO
collection





TAPESTRY
collection



TAPESTRY



WOOD
collection



CORINTO
collection



PORCELAIN
collection



GRANADA
collection



SANREMO
collection



PAGE 68



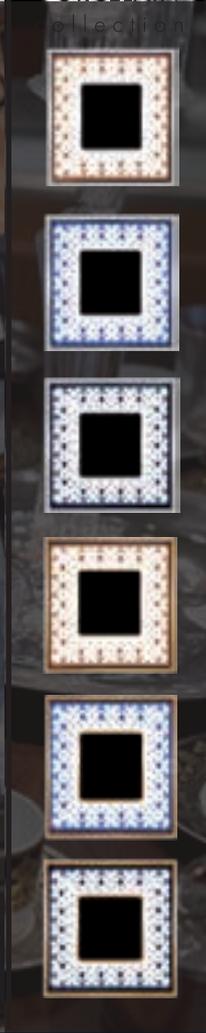
PAGE 69



PAGE 70



PAGE 72



PAGE 74



PAGE 76



PAGE 80

BELLE ÉPOQUE



METAL GOLD
collection

METAL CHROME
collection

TAPESTRY
collection

TAPESTRY

WOOD
collection

CORINTO
collection

PORCELAIN
collection

LUXURY SWITCH COLLECTIONS

CLASSIC COLLECTIONS	
BARCELONA	10
MADRID	14
SAN SEBASTIAN	18
SEVILLA	22
TOLEDO	26
CRYSTAL DE LUXE	
ART	30
SAND, VELVET, DÉCOR	34
PROVENCE	38
TOSCANA	
SIENA	42
FIRENZE	46
PALACE	50
SMALTO ITALIANO	
SIENA	54
FIRENZE	58
NEW EMPORIO	60
VINTAGE COLLECTIONS	
TAPESTRY	64
WOOD	70
CORINTO	72
PORCELAIN	74
GRANADA	76
NEW SANREMO	80
NEW BELLE ÉPOQUE	
METAL GOLD	84
METAL CHROME	88
TAPESTRY	90
WOOD	94
CORINTO	96
PORCELAIN	98

STATE-OF-THE-ART ELECTRICAL MECHANISMS

NEW TOGGLE SWITCH	102
NEW LIGHT DIMMER	105
NEW ROTARY DIMMER	106
NEW BRASS HANDLES & ROTARY SWITCH COVERS	107
NEW BRASS BLANK COVERS	108
BRASS KEYS	109
BRASS SOCKET COVERS	112
BRASS MULTIMEDIA & TV/SAT COVERS	114
TOUCH LIGHT SWITCH	116
LIGHT SWITCH WITH MOVEMENT DETECTOR	117
MULTIPLE FUNCTIONS CONTROLLER	118
THERMOSTATS	119
NEW ELECTRONIC THERMOSTATS with BRASS front COVERS	120
NIGHT LIGHT INDICATOR	124
IP44 SOCKET	126
MULTIMEDIA SOCKETS	128
ROTARY SWITCHES WITH LED	130
25A ROTARY SWITCH	131
DOUBLE ROTARY SWITCH	132

PRACTICAL GUIDE

SWITCHES & PUSH-BUTTON MECHANISMS	136
NEW TOGGLE SWITCH	138
NEW DIMMERS	138
ELECTRONIC LIGHT SWITCHES	139
NIGHT LIGHT INDICATOR	139
ROTARY SWITCH MECHANISMS	140
NEW ROTARY SWITCHES	141
BRASS HANDLES FOR ROTARY SWITCHES	141
SOCKET OUTLETS	142
TV / SAT SOCKET OUTLETS	144
PHONE, COMPUTER & AUDIO CONNECTORS	148
THERMOSTATS	151
OTHER ELEMENTS IN THE RANGE	152
MULTI-ROOM AUDIO SYSTEM	153
COMPOSITION OF MOST USUAL ITEMS	160
CHOICE OF MECHANISMS	161
HOW TO ORDER	162
FRAMES DIMENSIONS	163

TECHNICAL DATA

164

BARCELONA COLLECTION

Express the individuality of your house with special, luxury design light switches and electrical sockets.

BARCELONA Collection is noted for its elegance and sobriety, with exquisite designs made of the highest quality brass to ensure maximum durability.

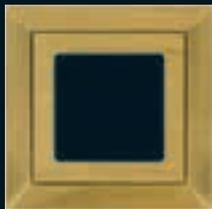






BARCELONA COLLECTION

MATT PATINA



90 x 90 mm FD01251PM



90 x 160 mm FD01252PM

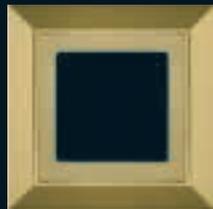


90 x 235 mm FD01253PM



90 x 305 mm FD01254PM

BRIGHT GOLD



90 x 90 mm FD01251OB



90 x 160 mm FD01252OB



90 x 235 mm FD01253OB

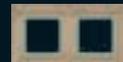


90 x 305 mm FD01254OB

NICKEL SATIN



90 x 90 mm FD01251NS



90 x 160 mm FD01252NS



90 x 235 mm FD01253NS



90 x 305 mm FD01254NS



MADRID COLLECTION

FEDE has a wide range of exclusive collections; the design of each one you can easily integrate to any interior of your house. Our products will bring style and originality to your home design.

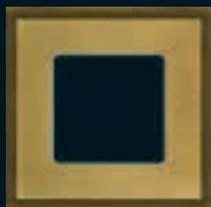
MADRID Collection is the first choice for interior designers when planning modern and minimalist interiors.





MADRID COLLECTION

MATT PATINA



90 x 90 mm FD01241PM



90 x 160 mm FD01242PM



90 x 235 mm FD01243PM



90 x 305 mm FD01244PM

BRIGHT GOLD



90 x 90 mm FD01241OB



90 x 160 mm FD01242OB



90 x 235 mm FD01243OB



90 x 305 mm FD01244OB

NICKEL SATIN



90 x 90 mm FD01241NS



90 x 160 mm FD01242NS



90 x 235 mm FD01243NS



90 x 305 mm FD01244NS

SAN SEBASTIAN COLLECTION

SAN SEBASTIAN, a range with an exceptionally exquisite finish which distinguishes High Class Décor, is a prestigious collection of light switches.

A perfect combination for truly unique interior design projects where an original touch is sought: from baroque, traditional or vintage styles to a contemporary look.







SAN SEBASTIAN COLLECTION

BRIGHT PATINA



90 x 90 mm FD01221PB



90 x 160 mm FD01222PB



90 x 235 mm FD01223PB

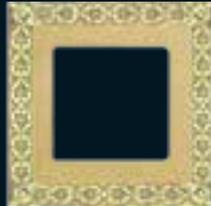


90 x 305 mm FD01224PB



90 x 381 mm FD01225PB

BRIGHT GOLD



90 x 90 mm FD01221OB



90 x 160 mm FD01222OB



90 x 235 mm FD01223OB



90 x 305 mm FD01224OB

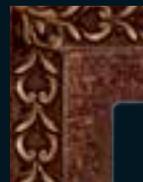


90 x 381 mm FD01225OB

RUSTIC COPPER



90 x 90 mm FD01221RU



90 x 160 mm FD01222RU



90 x 235 mm FD01223RU



90 x 305 mm FD01224RU

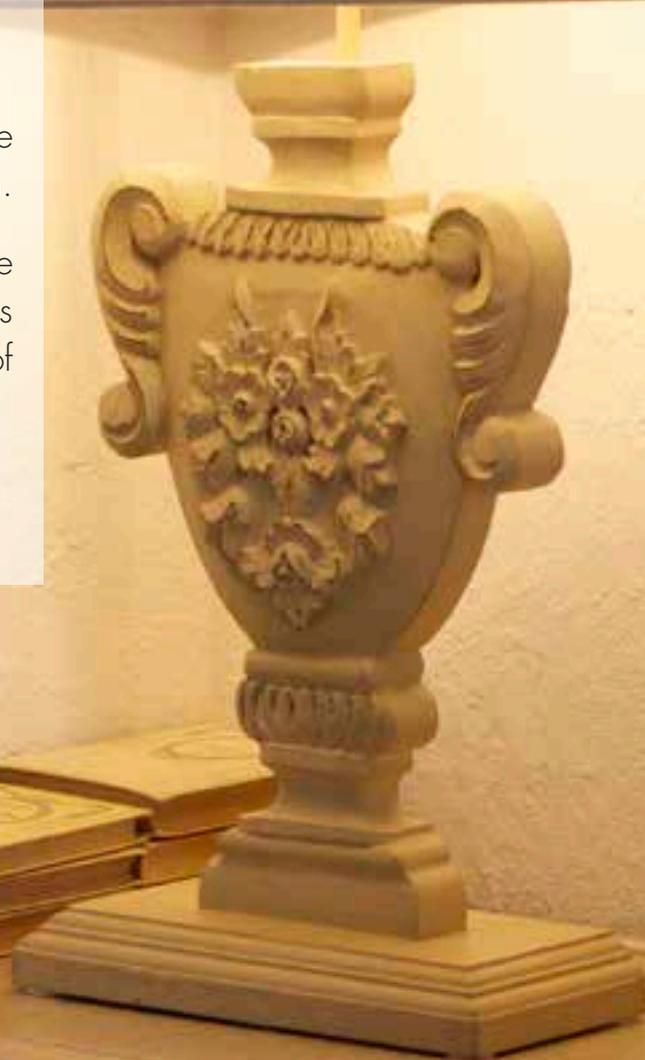


90 x 381 mm FD01225RU

SEVILLA COLLECTION

The Beauty ideals of Classic style are the source of inspiration for SEVILLA Collection.

Created with a meticulous, decorative design, balanced proportions, fine materials like brass and exquisite finishing. All fruit of the savoir-faire of our master craftsmen.







FEDE

SEVILLA COLLECTION

BRIGHT PATINA



90 x 90 mm FD01231PB



90 x 160 mm FD01232PB



90 x 235 mm FD01233PB

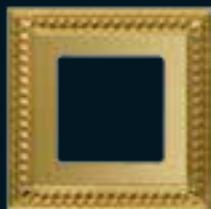


90 x 305 mm FD01234PB



90 x 381 mm FD01235PB

BRIGHT GOLD



90 x 90 mm FD01231OB



90 x 160 mm FD01232OB



90 x 235 mm FD01233OB



90 x 305 mm FD01234OB



90 x 381 mm FD01235OB

RUSTIC COPPER



90 x 90 mm FD01231RU



90 x 160 mm FD01232RU



90 x 235 mm FD01233RU



90 x 305 mm FD01234RU



90 x 381 mm FD01235RU

TOLEDO COLLECTION

Toledo COLLECTION is a FEDE classic that adapts perfectly to any setting.

An extensive palette of finishings allows a play on contrasts in contemporary spaces, combined with the authenticity of an exclusive decorative design.

In classic rooms, the design harmonises and integrates itself as the ideal decorative accessory...



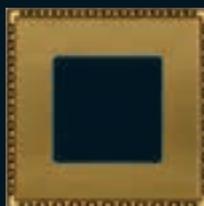




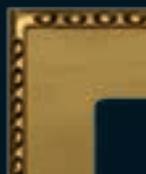
FEDE

TOLEDO COLLECTION

BRIGHT PATINA



90 x 90 mm FD01211PB



90 x 160 mm FD01212PB



90 x 235 mm FD01213PB

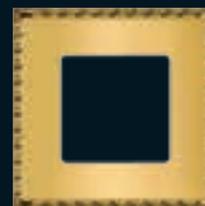


90 x 305 mm FD01214PB



90 x 381 mm FD01215PB

REAL GOLD



90 x 90 mm FD01211OR



90 x 160 mm FD01212OR



90 x 235 mm FD01213OR



90 x 305 mm FD01214OR



90 x 381 mm FD01215OR

BRIGHT CHROME



90 x 90 mm FD01211CB



90 x 160 mm FD01212CB



90 x 235 mm FD01213CB

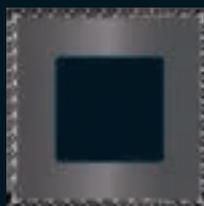


90 x 305 mm FD01214CB



90 x 381 mm FD01215CB

GRAPHITE



90 x 90 mm FD01211GR



90 x 160 mm FD01212GR



90 x 235 mm FD01213GR



90 x 305 mm FD01214GR

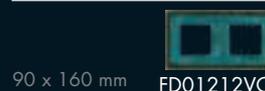


90 x 381 mm FD01215GR

OXYDE GREEN



90 x 90 mm FD01211VO



90 x 160 mm FD01212VO



90 x 235 mm FD01213VO



90 x 305 mm FD01214VO



90 x 381 mm FD01215VO

CRYSTAL DE LUXE ART COLLECTION

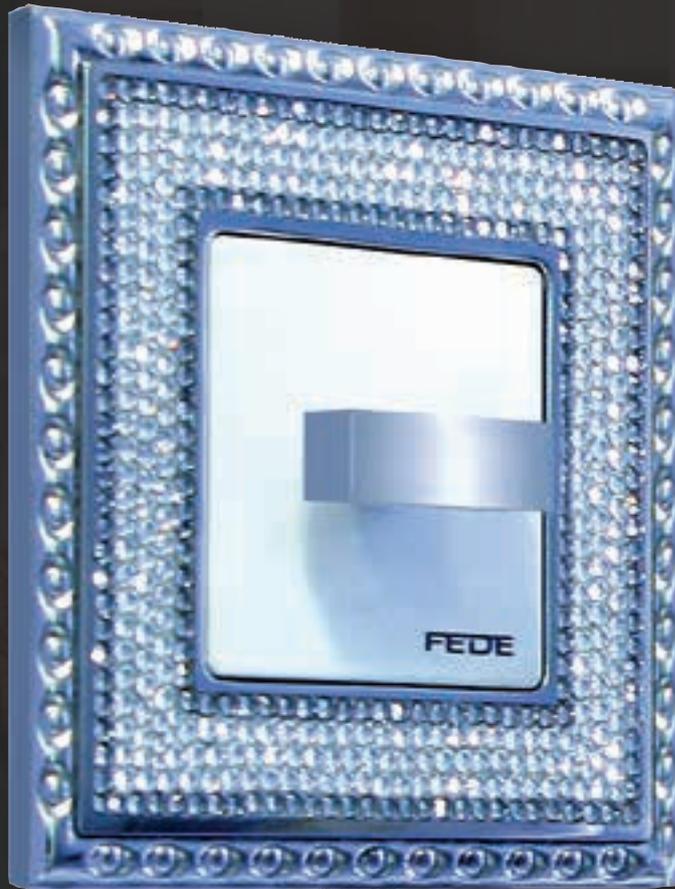
Unique and extraordinary pieces as limited edition: an "artwork" sculpted and decorated by our master craftsmen.

FEDE Luxury Design switch plates and light fixtures enrich the most exclusive environments.

Be dazzled by their beauty!







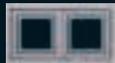
MADE WITH SWAROVSKI® ELEMENTS

CRYSTAL DE LUXE ART COLLECTION

BRIGHT CHROME



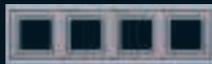
90 x 90 mm FD01291CB



90 x 160 mm FD01292CB

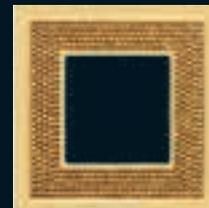


90 x 235 mm FD01293CB

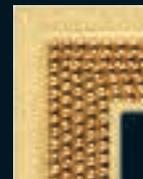


90 x 305 mm FD01294CB

BRIGHT GOLD



90 x 90 mm FD01291OR



90 x 160 mm FD01292OR



90 x 235 mm FD01293OR



90 x 305 mm FD01294OR

CRYSTAL DE LUXE
SAND, VELVET
& DÉCOR
COLLECTIONS



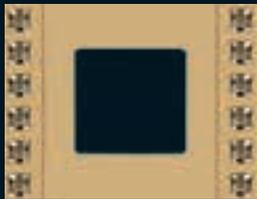




MADE WITH SWAROVSKI® ELEMENTS

CRYSTAL DE LUXE SAND, VELVET & DÉCOR COLLECTIONS

SAND



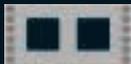
90 x 112 mm FD01261OR



90 x 112 mm FD01261CB

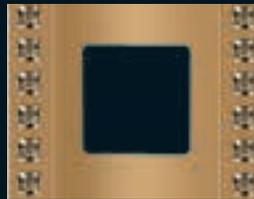


90 x 185 mm FD01262OR



90 x 185 mm FD01262CB

VELVET



90 x 112 mm FD01271OR



90 x 112 mm FD01271CB

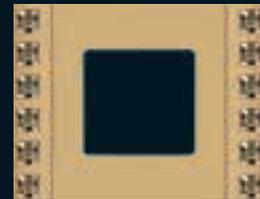


90 x 185 mm FD01272OR



90 x 185 mm FD01272CB

DÉCOR



90 x 112 mm FD01281OR



90 x 112 mm FD01281CB



90 x 185 mm FD01282OR



90 x 185 mm FD01282CB



PROVENCE COLLECTION

FEDE has created a Provençal style collection including a new white décapé finish for the decorative switch plates.

We manufacture this finish with a hand-painted brass base. Its artistic and exclusive value captivates us. Every frame is unique!



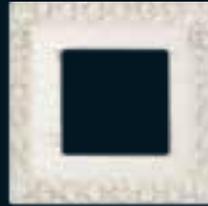


FEDE



PROVENCE COLLECTION

SAN SEBASTIAN



90 x 90 mm FD01221BD



90 x 160 mm FD01222BD



90 x 235 mm FD01223BD

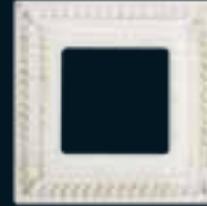


90 x 305 mm FD01224BD



90 x 381 mm FD01225BD

SEVILLA



90 x 90 mm FD01231BD



90 x 160 mm FD01232BD



90 x 235 mm FD01233BD

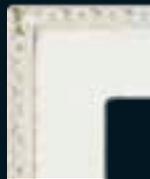


90 x 305 mm FD01234BD



90 x 381 mm FD01235BD

TOLEDO



90 x 90 mm FD01211BD



90 x 160 mm FD01212BD



90 x 235 mm FD01213BD

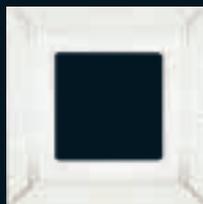


90 x 305 mm FD01214BD



90 x 381 mm FD01215BD

BARCELONA



90 x 90 mm FD01251BD



90 x 160 mm FD01252BD



90 x 235 mm FD01253BD



90 x 305 mm FD01254BD

MADRID



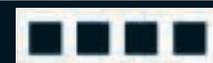
90 x 90 mm FD01241BD



90 x 160 mm FD01242BD



90 x 235 mm FD01243BD



90 x 305 mm FD01244BD

TOSCANA COLLECTION

The TOSCANA decoration
outstands for its refined details
that fascinate us.







FEDE



SIENA COLLECTION

BRIGHT PATINA



90 x 90 mm FD01351PB



90 x 160 mm FD01352PB



90 x 235 mm FD01353PB



90 x 305 mm FD01354PB

BRIGHT GOLD



90 x 90 mm FD01351OB



90 x 160 mm FD01352OB



90 x 235 mm FD01353OB



90 x 305 mm FD01354OB

GOLD WHITE PATINA



90 x 90 mm FD01351OP



90 x 160 mm FD01352OP



90 x 235 mm FD01353OP



90 x 305 mm FD01354OP

BRIGHT CHROME



90 x 90 mm FD01351CB



90 x 160 mm FD01352CB



90 x 235 mm FD01353CB



90 x 305 mm FD01354CB

TOSCANA COLLECTION

The final touch to each beautiful villa, charming hotel, palace or castle.

Our exclusive brass and handmade finishes create the perfect and warmest atmosphere to achieve a Mediterranean Tuscan style of decoration.







FIRENZE COLLECTION

BRIGHT PATINA



90 x 90 mm FD01361PB



90 x 160 mm FD01362PB



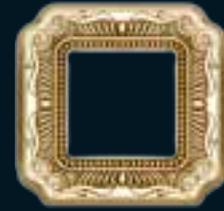
90 x 235 mm FD01363PB



90 x 305 mm FD01364PB



BRIGHT GOLD



90 x 90 mm FD01361OB



90 x 160 mm FD01362OB



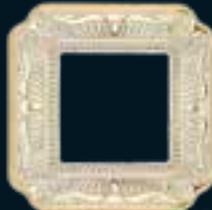
90 x 235 mm FD01363OB



90 x 305 mm FD01364OB



GOLD WHITE PATINA



90 x 90 mm FD01361OP



90 x 160 mm FD01362OP



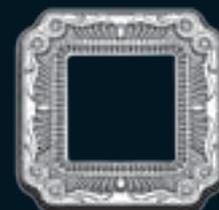
90 x 235 mm FD01363OP



90 x 305 mm FD01364OP



BRIGHT CHROME



90 x 90 mm FD01361CB



90 x 160 mm FD01362CB



90 x 235 mm FD01363CB



90 x 305 mm FD01364CB







CRYSTAL DE LUXE PALACE COLLECTION

FEDE has created a new concept for electrical mechanisms: "The jewel switch".

The highest level of Luxury with flashes of light and sparkle from crystals, integrated in our exclusive frames made in authentic brass.

Without any doubt, unique and extraordinary pieces in limited edition: an "artwork" sculpted and decorated by our master craftsmen.



MADE WITH SWAROVSKI® ELEMENTS

PALACE COLLECTION

BRIGHT PATINA



90 x 90 mm FD01351PBCL



90 x 160 mm FD01352PBCL



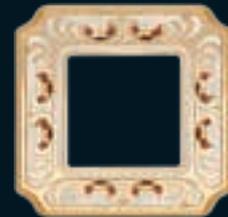
90 x 235 mm FD01353PBCL



90 x 305 mm FD01354PBCL



GOLD WHITE PATINA



90 x 90 mm FD01351OPCL



90 x 160 mm FD01352OPCL



90 x 235 mm FD01353OPCL



90 x 305 mm FD01354OPCL



BRIGHT PATINA



90 x 90 mm FD01361PBCL



90 x 160 mm FD01362PBCL



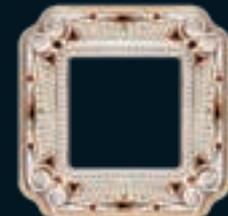
90 x 235 mm FD01363PBCL



90 x 305 mm FD01364PBCL



GOLD WHITE PATINA



90 x 90 mm FD01361OPCL



90 x 160 mm FD01362OPCL



90 x 235 mm FD01363OPCL



90 x 305 mm FD01364OPCL

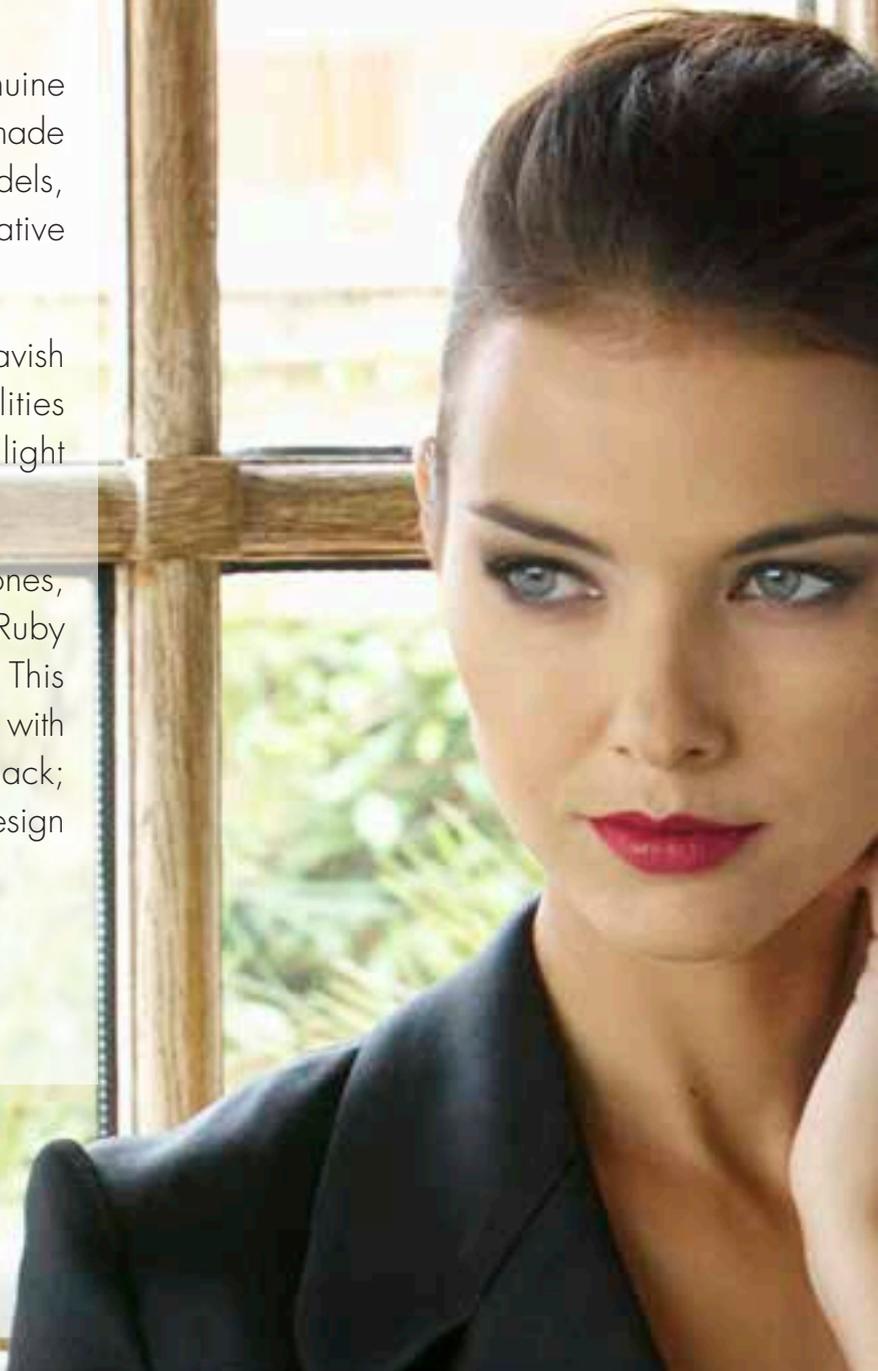


SMALTO ITALIANO COLLECTION

The exclusive TOSCANA collection in genuine brass, combining perfection and enamel, is made up of the unique SIENA and FIRENZE models, considered to be the most desired decorative pieces.

Enamel, resistant and unalterable, gives a lavish glow to FEDE frames. Its aesthetic qualities enhance the beauty of these decorative light switches, making them unique pieces.

Jewels dressing the walls like precious stones, with an exquisite palette of rich finishes: Ruby Red, Emerald Green and Blue Sapphire. This magnificent range of colors is made complete with two MUST HAVES: Pearl White and Jet Black; sublime elegance for any High-end Home Design project.







SMALTO ITALIANO SIENA COLLECTION

BLUE SAPPHIRE



90 x 90 mm FD01351AZEN



90 x 160 mm FD01352AZEN



90 x 235 mm FD01353AZEN



90 x 305 mm FD01354AZEN

JET BLACK



90 x 90 mm FD01351NEEN



90 x 160 mm FD01352NEEN



90 x 235 mm FD01353NEEN



90 x 305 mm FD01354NEEN

EMERALD GREEN



90 x 90 mm FD01351VEEN



90 x 160 mm FD01352VEEN



90 x 235 mm FD01353VEEN



90 x 305 mm FD01354VEEN

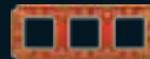
RUBY RED



90 x 90 mm FD01351ROEN



90 x 160 mm FD01352ROEN



90 x 235 mm FD01353ROEN



90 x 305 mm FD01354ROEN

PEARL WHITE



90 x 90 mm FD01351OPEN



90 x 160 mm FD01352OPEN



90 x 235 mm FD01353OPEN



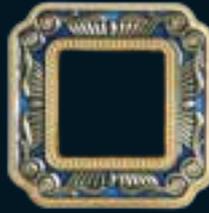
90 x 305 mm FD01354OPEN



FEDE

SMALTO ITALIANO FIRENZE COLLECTION

BLUE SAPPHIRE



90 x 90 mm FD01361AZEN



90 x 160 mm FD01362AZEN



90 x 235 mm FD01363AZEN



90 x 305 mm FD01364AZEN

JET BLACK



90 x 90 mm FD01361NEEN



90 x 160 mm FD01362NEEN

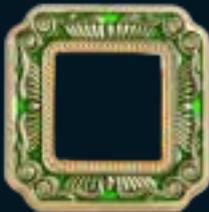


90 x 235 mm FD01363NEEN



90 x 305 mm FD01364NEEN

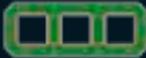
EMERALD GREEN



90 x 90 mm FD01361VEEN



90 x 160 mm FD01362VEEN



90 x 235 mm FD01363VEEN



90 x 305 mm FD01364VEEN

RUBY RED



90 x 90 mm FD01361ROEN



90 x 160 mm FD01362ROEN

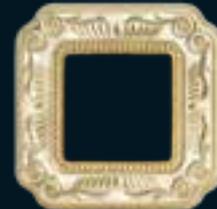


90 x 235 mm FD01363ROEN



90 x 305 mm FD01364ROEN

PEARL WHITE



90 x 90 mm FD01361OPEN



90 x 160 mm FD01362OPEN



90 x 235 mm FD01363OPEN



90 x 305 mm FD01364OPEN

NEW EMPORIO COLLECTION

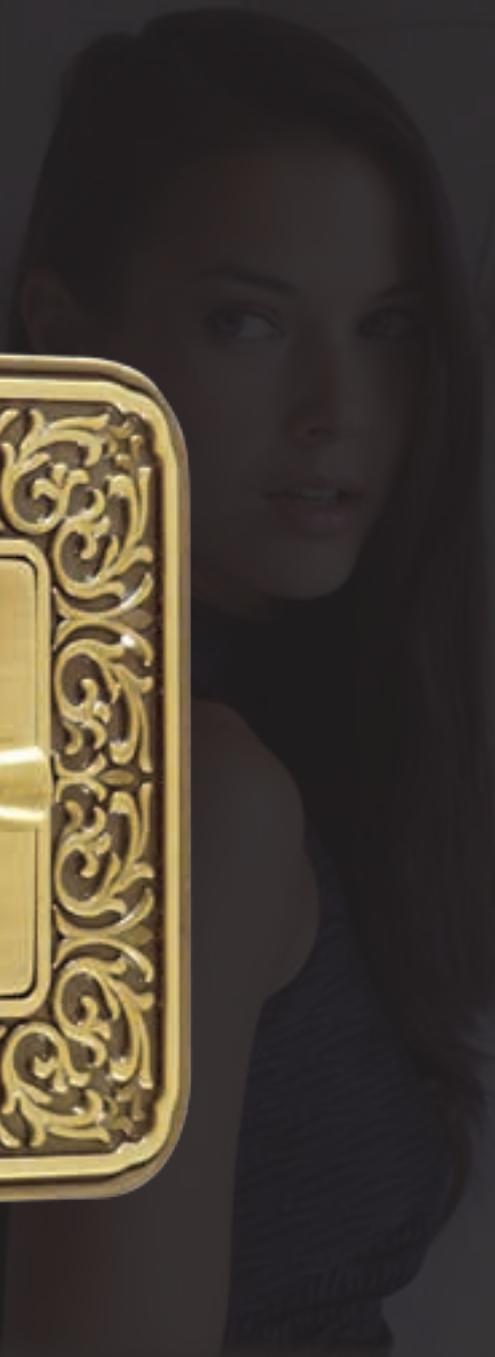
Inspiration came from FEDE's rich heritage by revisiting the design of our classic switch plates to create a new decorative icon. Its perfect crafted shape with absolute attention and care to detail is paramount.

Luxury reigns in a polished and chic style, simply sublime.

The EMPORIO collection is ravishing: an impressive symbol of aesthetics and quality that perfectly echoes the values of FEDE.







NEW EMPORIO COLLECTION

BRIGHT PATINA



90 x 90 mm FD01371PB



90 x 160 mm FD01372PB



90 x 235 mm FD01373PB



90 x 305 mm FD01374PB



90 x 381 mm FD01375PB

BRIGHT GOLD



90 x 90 mm FD01371OB



90 x 160 mm FD01372OB



90 x 235 mm FD01373OB



90 x 305 mm FD01374OB



90 x 381 mm FD01375OB

GOLD WHITE PATINA



90 x 90 mm FD01371OP



90 x 160 mm FD01372OP



90 x 235 mm FD01373OP



90 x 305 mm FD01374OP



90 x 381 mm FD01375OP

BRIGHT CHROME



90 x 90 mm FD01371CB



90 x 160 mm FD01372CB



90 x 235 mm FD01373CB



90 x 305 mm FD01374CB



90 x 381 mm FD01375CB

VINTAGE
TAPESTRY, WOOD,
CORINTO & PORCELAIN
COLLECTIONS





VINTAGE TAPESTRY COLLECTION

Our desire to create unique ambiances, outfitting walls with truly original and highly decorative switches, has led us to dream up exquisite tapestries that blend with our brass switch plates.

We propose attractive finishes that offer endless possibilities.



VINTAGE TAPESTRY COLLECTION



100 x 100 mm FD01321DNCB



100 x 100 mm FD01321DGOB



100 x 172 mm FD01322DNCB



100 x 172 mm FD01322DGOB



100 x 246 mm FD01323DNCB



100 x 246 mm FD01323DGOB



100 x 317 mm FD01324DNCB



100 x 317 mm FD01324DGOB



100 x 100 mm FD01321DBOB



100 x 172 mm FD01322DBOB

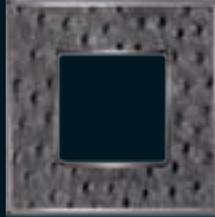


100 x 246 mm FD01323DBOB

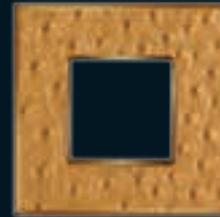


100 x 317 mm FD01324DBOB





100 x 100 mm FD01321SCB



100 x 100 mm FD01321GOB



100 x 172 mm FD01322SCB



100 x 172 mm FD01322GOB



100 x 246 mm FD01323SCB



100 x 246 mm FD01323GOB



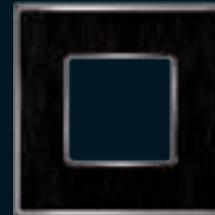
100 x 317 mm FD01324SCB



100 x 317 mm FD01324GOB



100 x 100 mm FD01321AOB



100 x 100 mm FD01321MCB



100 x 172 mm FD01322AOB



100 x 172 mm FD01322MCB



100 x 246 mm FD01323AOB



100 x 246 mm FD01323MCB



100 x 317 mm FD01324AOB



100 x 317 mm FD01324MCB

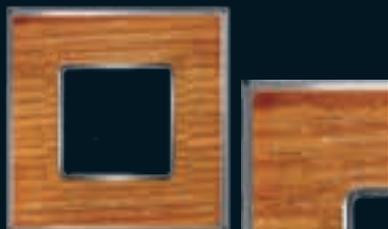
VINTAGE WOOD COLLECTION

Our carpentry specialists have created our new Vintage Wood collection with our new decorative brass switch plates in order to create unique, original pieces in real wood.

Each space has its own character, which is why we've chosen different finishes that fully integrate into their surroundings. From the trendy exotic touch of wenge wood, to cherry wood – a blend of sophistication and naturalness – not to mention oak wood, a symbol of tradition.



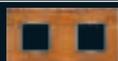
VINTAGE WOOD COLLECTION



100 x 100 mm FD01311CCB

100 x 100 mm FD01311WCB

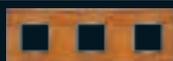
100 x 100 mm FD01311OCB



100 x 172 mm FD01312CCB

100 x 172 mm FD01312WCB

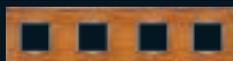
100 x 172 mm FD01312OCB



100 x 246 mm FD01313CCB

100 x 246 mm FD01313WCB

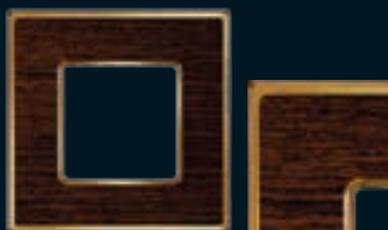
100 x 246 mm FD01313OCB



100 x 317 mm FD01314CCB

100 x 317 mm FD01314WCB

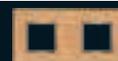
100 x 317 mm FD01314OCB



100 x 100 mm FD01311COB

100 x 100 mm FD01311WOB

100 x 100 mm FD01311OOB



100 x 172 mm FD01312COB

100 x 172 mm FD01312WOB

100 x 172 mm FD01312OOB



100 x 246 mm FD01313COB

100 x 246 mm FD01313WOB

100 x 246 mm FD01313OOB



100 x 317 mm FD01314COB

100 x 317 mm FD01314WOB

100 x 317 mm FD01314OOB

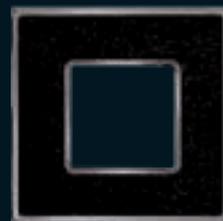
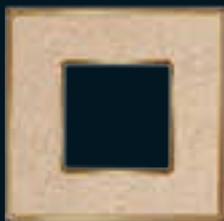
VINTAGE CORINTO COLLECTION

There's one solid surface that gives you the ultimate in freedom of expression and choice. It's DuPont™ Corian®, it's your surface which is now incorporated to FEDE brass switch plates. The one that makes whatever you see in it possible.



MADE WITH DuPont™
CORIAN®

VINTAGE CORINTO COLLECTION



100 x 100 mm FD01331AMOB



100 x 172 mm FD01332AMOB



100 x 246 mm FD01333AMOB



100 x 317 mm FD01334AMOB

100 x 100 mm FD01331PROB



100 x 172 mm FD01332PROB



100 x 246 mm FD01333PROB



100 x 317 mm FD01334PROB

100 x 100 mm FD01331BQCB



100 x 172 mm FD01332BQCB



100 x 246 mm FD01333BQCB



100 x 317 mm FD01334BQCB

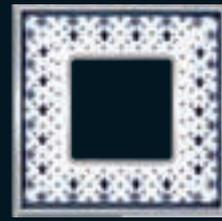
VINTAGE PORCELAIN COLLECTION

Finest Porcelain from your favourite table set to the walls in your home: now it is possible with Vintage Porcelain collection of original switches and sockets.

The artistic possibilities offered by porcelain, its sublime and exquisite decorative finishes, are now integrated to FEDE'S exclusive brass switch plates.



VINTAGE PORCELAIN COLLECTION



100 x 100 mm FD01341MACB

100 x 100 mm FD01341AZCB

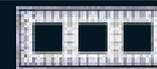
100 x 100 mm FD01341NECB



100 x 172 mm FD01342MACB

100 x 172 mm FD01342AZCB

100 x 172 mm FD01342NECB



100 x 246 mm FD01343MACB

100 x 246 mm FD01343AZCB

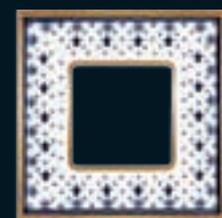
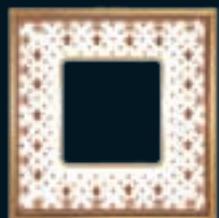
100 x 246 mm FD01343NECB



100 x 317 mm FD01344MACB

100 x 317 mm FD01344AZCB

100 x 317 mm FD01344NECB



100 x 100 mm FD01341MAOB

100 x 100 mm FD01341AZOB

100 x 100 mm FD01341NEOB



100 x 172 mm FD01342MAOB

100 x 172 mm FD01342AZOB

100 x 172 mm FD01342NEOB



100 x 246 mm FD01343MAOB

100 x 246 mm FD01343AZOB

100 x 246 mm FD01343NEOB



100 x 317 mm FD01344MAOB

100 x 317 mm FD01344AZOB

100 x 317 mm FD01344NEOB

GRANADA COLLECTION

Our Granada collection of light switch plates is inspired by the richest and most luxurious Andalusian style décor with a high level of decorative complexity to enrich the beauty of spaces.

Granada light switch plates are simply unique and very artistic.







GRANADA COLLECTION

COPPER



90 x 90 mm FD01411CO



90 x 160 mm FD01412CO



90 x 235 mm FD01413CO

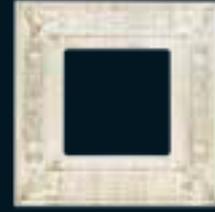


90 x 305 mm FD01414CO



90 x 381 mm FD01415CO

WHITE DÉCAPE



90 x 90 mm FD01411BD



90 x 160 mm FD01412BD



90 x 235 mm FD01413BD



90 x 305 mm FD01414BD



90 x 381 mm FD01415BD

ANTIQUÉ SILVER



90 x 90 mm FD01411AS



90 x 160 mm FD01412AS



90 x 235 mm FD01413AS

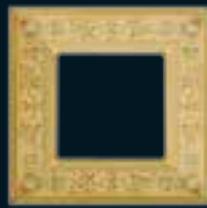


90 x 305 mm FD01414AS



90 x 381 mm FD01415AS

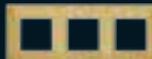
BRIGHT GOLD



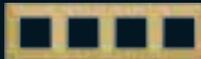
90 x 90 mm FD01411OB



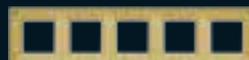
90 x 160 mm FD01412OB



90 x 235 mm FD01413OB



90 x 305 mm FD01414OB



90 x 381 mm FD01415OB

BRIGHT PATINA



90 x 90 mm FD01411PB



90 x 160 mm FD01412PB



90 x 235 mm FD01413PB



90 x 305 mm FD01414PB



90 x 381 mm FD01415PB

NEW SANREMO COLLECTION

The new SANREMO collection will captivate you through the harmony of its exclusive floral motif, ideal for meticulous, elegant settings.

Beauty and distinction unite to decorate with the utmost originality and freshness.

The authentic finishing executed by our master craftsmen is utterly sublime.







SANREMO COLLECTION

BRIGHT GOLD



90 x 110 mm FD01421OB



90 x 183 mm FD01422OB



90 x 255 mm FD01423OB



90 x 328 mm FD01424OB



90 x 400 mm FD01425OB

BRIGHT PATINA



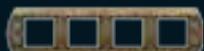
90 x 110 mm FD01421PB



90 x 183 mm FD01422PB



90 x 255 mm FD01423PB



90 x 328 mm FD01424PB



90 x 400 mm FD01425PB

WHITE DECAPE



90 x 110 mm FD01421BD



90 x 183 mm FD01422BD



90 x 255 mm FD01423BD



90 x 328 mm FD01424BD



90 x 400 mm FD01425BD

GRAPHITE



90 x 110 mm FD01421GR



90 x 183 mm FD01422GR



90 x 255 mm FD01423GR



90 x 328 mm FD01424GR



90 x 400 mm FD01425GR

ANTIC SILVER



90 x 110 mm FD01421AS



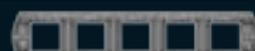
90 x 183 mm FD01422AS



90 x 255 mm FD01423AS



90 x 328 mm FD01424AS



90 x 400 mm FD01425AS

RUSTIC COPPER



90 x 110 mm FD01421RU



90 x 183 mm FD01422RU



90 x 255 mm FD01423RU



90 x 328 mm FD01424RU



90 x 400 mm FD01425RU

NEW BELLE ÉPOQUE COLLECTION

The visionary spirit of FEDE and passion for designing switch plates, which are most valuable objects for a Haute-Décor, has been the inspiration for this new collection with a studied geometry and extraordinary combinations: Metal, Tapestry, Wood, Corian and Porcelain.

FEDE has created luxurious contrasts of materials and finishes that will make your home very stylish.





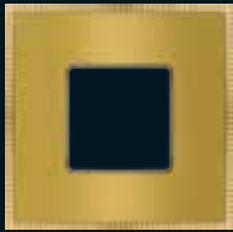
NEW BELLE ÉPOQUE METAL COLLECTION

Our sophisticated new switch plates are masterpieces that present the most attractive metallic finishes, combining frames and inserts. The use of metallic materials was chosen to celebrate our Golden Age, giving to your home an Art Deco touch.

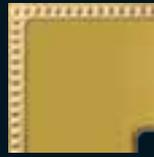
New BELLE ÉPOQUE Metal collection is a timeless creation by FEDE.



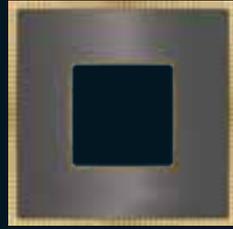
NEW BELLE ÉPOQUE METAL GOLD COLLECTION



105 x 105 mm FD01431OBOB



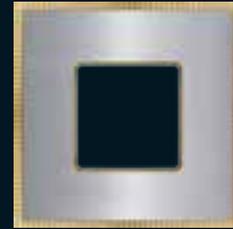
105 x 178 mm FD01432OBOB



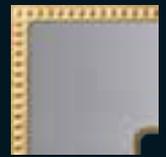
105 x 105 mm FD01431GROB



105 x 178 mm FD01432GROB



105 x 105 mm FD01431CBOB



105 x 178 mm FD01432CBOB



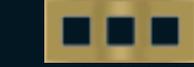
105 x 250 mm FD01433OBOB



105 x 250 mm FD01433GROB



105 x 250 mm FD01433CBOB



105 x 323 mm FD01434OBOB



105 x 323 mm FD01434GROB



105 x 323 mm FD01434CBOB



105 x 396 mm FD01435OBOB

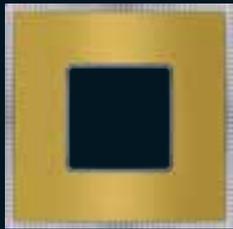


105 x 396 mm FD01435GROB

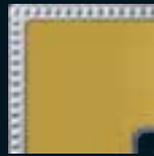


105 x 396 mm FD01435CBOB

NEW BELLE ÉPOQUE METAL CHROME COLLECTION



105 x 105 mm FD01431OBCB



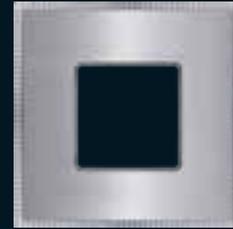
105 x 178 mm FD01432OBCB



105 x 105 mm FD01431GRCB



105 x 178 mm FD01432GRCB



105 x 105 mm FD01431CBCB



105 x 178 mm FD01432CBCB



105 x 250 mm FD01433OBCB



105 x 250 mm FD01433GRCB



105 x 250 mm FD01433CBCB



105 x 323 mm FD01434OBCB



105 x 323 mm FD01434GRCB



105 x 323 mm FD01434CBCB



105 x 396 mm FD01435OBCB



105 x 396 mm FD01435GRCB



105 x 396 mm FD01435CBCB

NEW BELLE ÉPOQUE METAL COLLECTION

Create your own Belle Époque switch plate by choosing the base and insert that will perfectly match your décor...

We are glad to present our own selection with two bases and three inserts. Special finishes and combinations could be also made upon request.

Special finishes and combinations could be also made upon request.

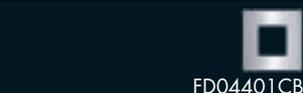
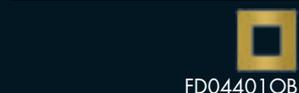


BASES & INSERTS

BASES



INSERTS



NEW BELLE ÉPOQUE TAPESTRY COLLECTION

With BELLE ÉPOQUE Tapestry collection, we ensure that switches are fully integrated into the décor.

A new concept that refined interior design lovers will undoubtedly be able to apply, choosing their own tapestries which we can use to create exclusive pieces just for them.

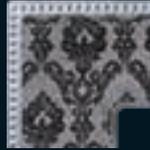




NEW BELLE ÉPOQUE TAPESTRY COLLECTION



105 x 105 mm FD01441DNCB



105 x 178 mm FD01442DNCB



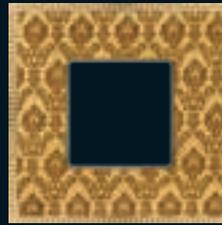
105 x 250 mm FD01443DNCB



105 x 323 mm FD01444DNCB



105 x 396 mm FD01445DNCB



105 x 105 mm FD01441DGOB



105 x 178 mm FD01442DGOB



105 x 250 mm FD01443DGOB



105 x 323 mm FD01444DGOB



105 x 396 mm FD01445DGOB



105 x 105 mm FD01441DBOB



105 x 178 mm FD01442DBOB



105 x 250 mm FD01443DBOB

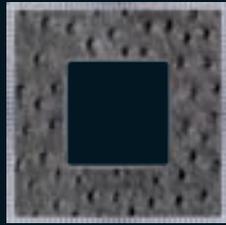


105 x 323 mm FD01444DBOB



105 x 396 mm FD01445DBOB

NEW BELLE ÉPOQUE TAPESTRY COLLECTION



105 x 105 mm FD01441SCB



105 x 178 mm FD01442SCB



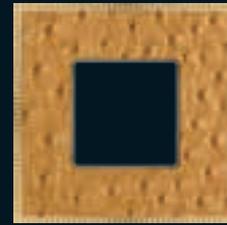
105 x 250 mm FD01443SCB



105 x 323 mm FD01444SCB



105 x 396 mm FD01445SCB



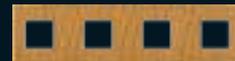
105 x 105 mm FD01441GOB



105 x 178 mm FD01442GOB



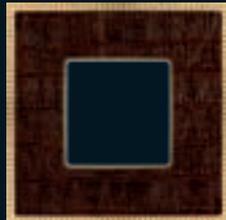
105 x 250 mm FD01443GOB



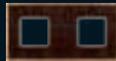
105 x 323 mm FD01444GOB



105 x 396 mm FD01445GOB



105 x 105 mm FD01441AOB



105 x 178 mm FD01442AOB



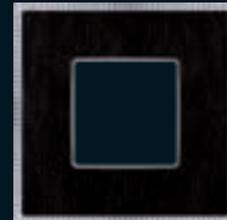
105 x 250 mm FD01443AOB



105 x 323 mm FD01444AOB



105 x 396 mm FD01445AOB



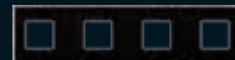
105 x 105 mm FD01441MCB



105 x 178 mm FD01442MCB



105 x 250 mm FD01443MCB



105 x 323 mm FD01444MCB



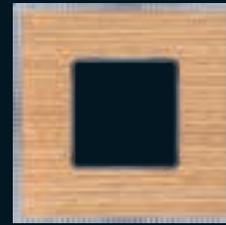
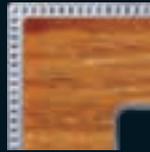
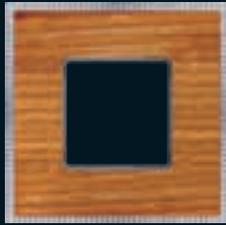
105 x 396 mm FD01445MCB

NEW BELLE ÉPOQUE WOOD COLLECTION

At FEDE, we only work with high-grade materials, one of the most outstanding of which is wood, a warm material prized for its natural beauty, which combines flawlessly with furnishings and with our light switches.



NEW BELLE ÉPOQUE WOOD COLLECTION



105 x 105 mm FD01451CCB



105 x 178 mm FD01452CCB



105 x 250 mm FD01453CCB



105 x 323 mm FD01454CCB



105 x 396 mm FD01455CCB

105 x 105 mm FD01451WCB



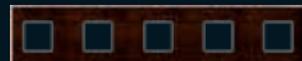
105 x 178 mm FD01452WCB



105 x 250 mm FD01453WCB



105 x 323 mm FD01454WCB



105 x 396 mm FD01455WCB

105 x 105 mm FD01451OCB



105 x 178 mm FD01452OCB



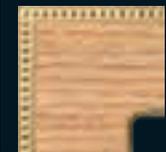
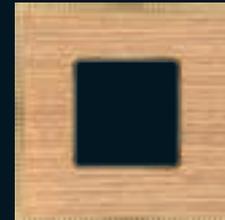
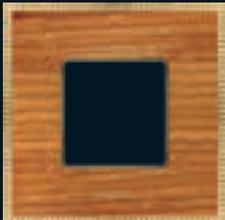
105 x 250 mm FD01453OCB



105 x 323 mm FD01454OCB



105 x 396 mm FD01455OCB



105 x 105 mm FD01451COB



105 x 178 mm FD01452COB



105 x 250 mm FD01453COB



105 x 323 mm FD01454COB



105 x 396 mm FD01455COB

105 x 105 mm FD01451WOB



105 x 178 mm FD01452WOB



105 x 250 mm FD01453WOB



105 x 323 mm FD01454WOB



105 x 396 mm FD01455WOB

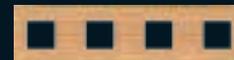
105 x 105 mm FD01451OOB



105 x 178 mm FD01452OOB



105 x 250 mm FD01453OOB



105 x 323 mm FD01454OOB



105 x 396 mm FD01455OOB

NEW BELLE ÉPOQUE CORINTO COLLECTION

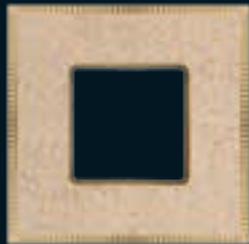
Discover unlimited possibilities with our BELLE ÉPOQUE Corinto collection.

Follow the latest trend, start your own, surrounding yourself with sophistication.

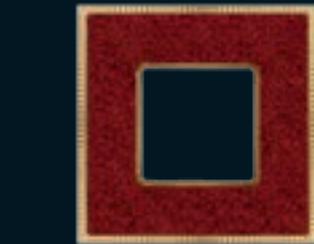


MADE WITH DuPont™
CORIAN®

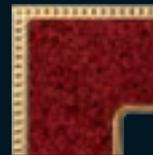
NEW BELLE ÉPOQUE CORINTO COLLECTION



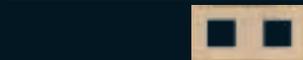
105 x 105 mm FD01461AMOB



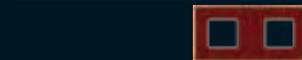
105 x 105 mm FD01461PROB



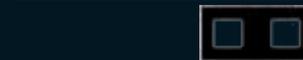
105 x 105 mm FD01461BQCB



105 x 178 mm FD01462AMOB



105 x 178 mm FD01462PROB



105 x 178 mm FD01462BQCB



105 x 250 mm FD01463AMOB



105 x 250 mm FD01463PROB



105 x 250 mm FD01463BQCB



105 x 323 mm FD01464AMOB



105 x 323 mm FD01464PROB



105 x 323 mm FD01464BQCB



105 x 396 mm FD01465AMOB



105 x 396 mm FD01465PROB



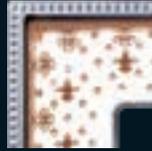
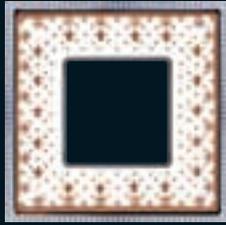
105 x 396 mm FD01465BQCB

NEW BELLE ÉPOQUE PORCELAIN COLLECTION

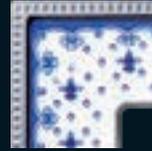
BELLE ÉPOQUE Porcelain is noted for its gentle, pure and at the same time sophisticated lines... It is the richness afforded by porcelain and the result of the exceptional "savoir-faire" of our master craftsmen, who enjoy a well-deserved prestige and worldwide recognition.



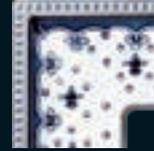
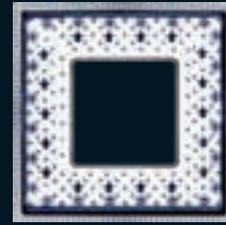
NEW BELLE ÉPOQUE PORCELAIN COLLECTION



105 x 105 mm FD01471MACB



105 x 105 mm FD01471AZCB



105 x 105 mm FD01471NECB



105 x 178 mm FD01472MACB



105 x 178 mm FD01472AZCB



105 x 178 mm FD01472NECB



105 x 250 mm FD01473MACB



105 x 250 mm FD01473AZCB



105 x 250 mm FD01473NECB



105 x 323 mm FD01474MACB



105 x 323 mm FD01474AZCB



105 x 323 mm FD01474NECB



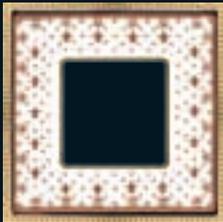
105 x 396 mm FD01475MACB



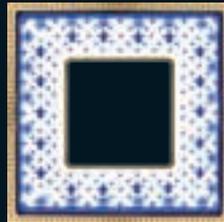
105 x 396 mm FD01475AZCB



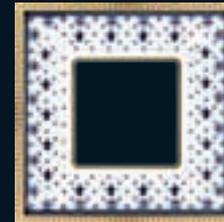
105 x 396 mm FD01475NECB



105 x 105 mm FD01471MAOB



105 x 105 mm FD01471AZOB



105 x 105 mm FD01471NEOB



105 x 178 mm FD01472MAOB



105 x 178 mm FD01472AZOB



105 x 178 mm FD01472NEOB



105 x 250 mm FD01473MAOB



105 x 250 mm FD01473AZOB



105 x 250 mm FD01473NEOB



105 x 323 mm FD01474MAOB



105 x 323 mm FD01474AZOB



105 x 323 mm FD01474NEOB



105 x 396 mm FD01345MAOB



105 x 396 mm FD01475AZOB



105 x 396 mm FD01475NEOB

STATE-OF-THE-ART ELECTRICAL MECHANISMS



At FEDE we continue innovating and presenting solutions adapted to the very latest entertainment devices and new technologies. We have incorporated state-of-the-art electrical mechanisms which contain the latest generation of technical innovations into our brass decorative switch plates. We take care of making your life more comfortable.

1 TOGGLE SWITCH



FD02316PB-M



FD16505



FD04320PB-M



FD16 - BAST



FD01371PB

MOUNTING EXAMPLE



2 TOGGLE SWITCHES



FD02316PB-M x 2



FD16505 x 2



FD04321PB-M



FD16 - BAST



FD01371PB

MOUNTING EXAMPLE





Now we would like to present our NEW TOGGLE SWITCH. We love its retro air, which fits perfectly into the design of our collections, ideal for classic, vintage and contemporary settings with style.

Technically, it represents a very versatile advance, since it attaches onto our standard switch, which means that rockers can be easily exchanged for toggles. All of our electrical mechanisms adapt to European back boxes and are modular.

Added to easy installation is its decorative function, thanks to the careful design of the metal toggle. In short, a new "must have" from FEDE, designed for high-end décor projects.

new TOGGLE SWITCHES



The unit uses a powerful and sophisticated dimming technology to provide reliable control over light fixtures.

NEW DIMMER

Touch dimmer for all FEDE frames collections
Fixing support included
Pack of 1 unit

Compact touch for all FEDE frames collections
Without fixing support
Pack of 1 unit

WHITE

BEIGE

BLACK



FD28605



FD28605-A



FD28605-M



FD28625



FD28625-A



FD28625-M



FEDE's new Compact touch DIMMER is the perfect mechanism to easily replace an existing light switch and dim your lights for energy saving.

This unit also incorporates Lightning-strike-surge protection, electrostatic-discharge protection and a suppressor to minimize Radio/TV interference, making it a highly reliable dimming mechanism.

It could also be used as a fan controller.

For more information about our SURFACE collections, please ask for our SURFACE catalogue.

new COMPACT TOUCH LIGHT DIMMER

new ROTARY DIMMER



NEW ROTARY DIMMER



Dimmer for all FEDE collections.

Resistive load: (incandescent and direct dichroic lamps) 60-500W 230V~
 Inductive load: very low tension halogen lamps electronic transformers, domestic fans 230V-300VA.

Pack of 1 unit

WHITE

BEIGE

BLACK



FD16438



FD16438-A



FD16438-M



FD04322BD



FD04322PM



FD04322PB



FD04322OR



FD04322OB



FD04322RU



FD04322GR



FD04322NS



FD04322CB



NEW BRASS ROTARY SWITCH COVERS & HANDLES

BRIGHT PATINA



FD03110-PB

FD03111-PB



FD02310PB



FD02311PB



FD02312PB



FD02314PB



FD02315PB

BRIGHT GOLD



FD03110-OB

FD03111-OB



FD02310OB



FD02311OB



FD02312OB



FD02314OB



FD02315OB

All rotary brass covers references include rotary mechanisms.
Please see more models of rotary switches on pages 140 and 141.

new BRASS ROTARY SWITCH
COVERS & HANDLES

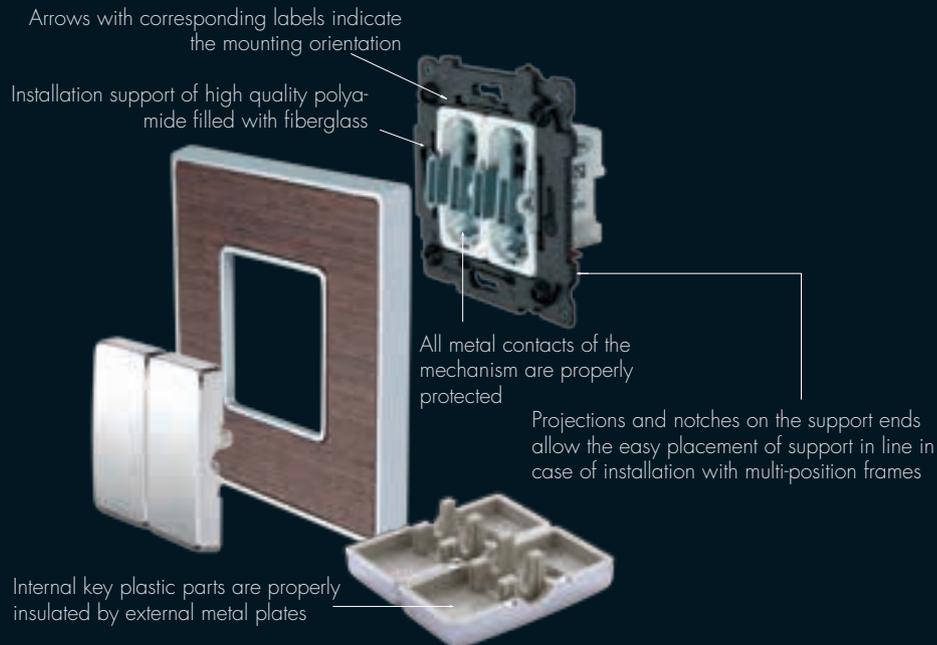
Brass Blank covers



NEW BRASS BLANK COVERS

WHITE DÉCAPÉ	MATT PATINA	BRIGHT PATINA	REAL GOLD	BRIGHT GOLD	RUSTIC COPPER	GRAPHITE	NICKEL SATIN	BRIGHT CHROME
								
FD04319BD	FD04319PM	FD04319PB	FD04319OR	FD04319OB	FD04319RU	FD04319GR	FD04319NS	FD04319CB

Absolute safety



Perfection in each product line



Coated brass keys are a new product line from FEDE. The keys are manufactured from sheet brass with a high-quality coating.

You may use standard keys or keys with illuminated LED lights switches. Enjoy the incomparable tactile sensation when touching the cool metal surface. **Trust your senses!**

BRASS KEYS

BRASS KEYS

WHITE DÉCAPÉ MATT PATINA BRIGHT PATINA REAL GOLD BRIGHT GOLD RUSTIC COPPER GRAPHITE NICKEL SATIN BRIGHT CHROME

Wide keys (suitable for all mechanisms of single-key light switches)



Wide keys with diffuser for illumination LED lamp (suitable for all mechanisms of single-key light switches)



Narrow keys (suitable for all mechanisms of double-key light switches)



Narrow keys with diffuser for illumination LED lamp (suitable for all mechanisms of double-key light switches)





BASS KEYS

The coated brass keys are a high-quality product and can be used with or without LED diffuser. Enjoy the incomparable tactile sensation when touching the cool metal surface. Trust your senses!

BRASS SOCKET COVERS





FEDE is providing the latest technical innovations in modern electrical mechanisms for our traditional brass decorative plates such as the exclusive VINTAGE collection.

BASS SOCKET COVERS

BRASS MULTIMEDIA SOCKETS

WHITE DÉCAPÉ

MATT PATINA

BRIGHT PATINA

REAL GOLD

BRIGHT GOLD

RUSTIC COPPER

GRAPHITE

NICKEL SATIN

BRIGHT CHROME

MULTIMEDIA



FD04318BD-A (Beige)
FD04318BD-M (Black)



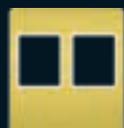
FD04318PM-A (Beige)
FD04318PM-M (Black)



FD04318PB-A (Beige)
FD04318PB-M (Black)



FD04318OR-A (Beige)
FD04318OR-M (Black)



FD04318OB-A (Beige)
FD04318OB-M (Black)



FD04318RU-A (Beige)
FD04318RU-M (Black)



FD04318GR-A (Beige)
FD04318GR-M (Black)



FD04318NS-A (Beige)
FD04318NS-M (Black)



FD04318CB-A (Beige)
FD04318CB-M (Black)



FD04317BD-A (Beige)
FD04317BD-M (Black)



FD04317PM-A (Beige)
FD04317PM-M (Black)



FD04317PB-A (Beige)
FD04317PB-M (Black)



FD04317OR-A (Beige)
FD04317OR-M (Black)



FD04317OB-A (Beige)
FD04317OB-M (Black)



FD04317RU-A (Beige)
FD04317RU-M (Black)



FD04317GR-A (Beige)
FD04317GR-M (Black)



FD04317NS-A (Beige)
FD04317NS-M (Black)



FD04317CB-A (Beige)
FD04317CB-M (Black)



FD04315BD-A (Beige)
FD04315BD-M (Black)



FD04315PM-A (Beige)
FD04315PM-M (Black)



FD04315PB-A (Beige)
FD04315PB-M (Black)



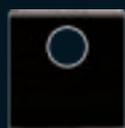
FD04315OR-A (Beige)
FD04315OR-M (Black)



FD04315OB-A (Beige)
FD04315OB-M (Black)



FD04315RU-A (Beige)
FD04315RU-M (Black)



FD04315GR-A (Beige)
FD04315GR-M (Black)



FD04315NS-A (Beige)
FD04315NS-M (Black)



FD04315CB-A (Beige)
FD04315CB-M (Black)

TV/ SAT



FD04316BD-A (Beige)
FD04316BD-M (Black)



FD04316PM-A (Beige)
FD04316PM-M (Black)



FD04316PB-A (Beige)
FD04316PB-M (Black)



FD04316OR-A (Beige)
FD04316OR-M (Black)



FD04316OB-A (Beige)
FD04316OB-M (Black)



FD04316RU-A (Beige)
FD04316RU-M (Black)



FD04316GR-A (Beige)
FD04316GR-M (Black)



FD04316NS-A (Beige)
FD04316NS-M (Black)



FD04316CB-A (Beige)
FD04316CB-M (Black)



Shutters protect the sockets against ingress of dust. The connector is color coordinated with the shutter. If required, additional cable networks shutters of various colors and with various symbols may be ordered in order to identify each connection.

TOUCH LIGHT SWITCHES



All electronic devices developed by FEDE, such as our new touch light switches, comply with the most demanding European standards and provide long-term and safe operation. The device housings carry easily readable connection diagrams and specifications.

You will be surprised at how easy they are to use. You will welcome the convenience that the system management interfaces offers you, making daily operation a pleasure.



Replacing a regular wall switch, this unit automatically turns lights on when someone enters in a room.

It increases energy savings by automatically turning lights off after only momentary occupancy. An integrated Light-Dependent-Resistor prevents lights from turning on when the room has adequate natural light. The combination of PIR and light-level detection technology provide excellent lighting control reliability. The slide-selector provided for conveniently switching light on/off manually or to enable PIR/CDS to operate automatically.

LIGHT SWITCH ^{with} MOVEMENT DETECTOR

MULTIPLE FUNCTIONS CONTROLLER



This controller integrates multiple functions in one unit. It is designed as a replacement for the bathroom fan and light switch, and uses a microprocessor to control the fan delay-off operation.

The Delay Timer function allows the fan to continue operating to complete the ventilation of the bathroom after use.



FEDE presents a wide range of electronic devices to provide you with a more comfortable lifestyle. Thermostats for air temperature control, under floor heating and new multi-function thermostat.

THERMOSTATS

THERMOSTATS



Thermostat for electrical heating floors control
16 230V ± 10%, 50-60 Hz,
Temperature control range: 5-45°

Cable 4m. with sensor for electrical heating floors included in package.

Pack of 1 unit



Thermostat for room temperature control
16 230V ± 10%, 50-60 Hz,
Temperature control range: 5-45°

Pack of 1 unit



Multi-function Thermostat

Pack of 1 unit

NOTE:
Fixing installation supports are included in all models

COLORS OF BRASS FRONT COVERS / COLORS OF PLASTIC SUPPORTS AND BUTTONS

BRIGHT GOLD/WHITE

BRIGHT GOLD/BEIGE

BRIGHT GOLD/BLACK



FD18000OB



FD18000OB-A



FD18000OB-M

BRIGHT PATINA/WHITE

BRIGHT PATINA/BEIGE

BRIGHT PATINA/BLACK



FD18000PB



FD18000PB-A



FD18000PB-M

BRIGHT GOLD/WHITE

BRIGHT GOLD/BEIGE

BRIGHT GOLD/BLACK



FD18001OB



FD18001OB-A



FD18001OB-M

BRIGHT PATINA/WHITE

BRIGHT PATINA/BEIGE

BRIGHT PATINA/BLACK



FD18001PB



FD18001PB-A



FD18001PB-M

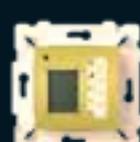
BRIGHT GOLD/WHITE

BRIGHT GOLD/BEIGE

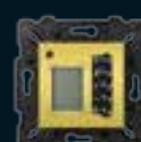
BRIGHT GOLD/BLACK



FD18004OB



FD18004OB-A



FD18004OB-M

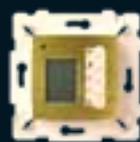
BRIGHT PATINA/WHITE

BRIGHT PATINA/BEIGE

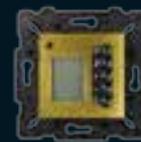
BRIGHT PATINA/BLACK



FD18004PB



FD18004PB-A



FD18004PB-M



For those who prefer original finishes made in brass in perfect combination with our covers, FEDE has developed a new version of our technologically advanced electronic thermostats.

NEW ELECTRONIC THERMOSTATS with BRASS front COVERS

INFRARED LIGHT SWITCH



Decorative tap for covering time controllers and daylight illumination controllers

Switch with mode selection option (manual or automatic)



The infrared light switch is triggered by motion and therefore acts as an automatic light switch. You can set the level of natural light below which the light will be automatically turned on for a specified pre-programmed period of time. If required, the light has a manual override.

ELECTRONIC THERMOSTATS



LCD display for settings

Buttons for mode selection option



There are thermostat versions both for room temperature control and for under floor heating temperature control. The current and the target temperature are both displayed on the screen. As soon as the button "Display" is pressed, only set temperature will be displayed on the screen.

DOUBLE-KEY & INDIVIDUAL TOUCH LIGHT SWITCH



Illumination LEDs

DOUBLE TOUCH LIGHT SWITCH

WHITE BEIGE BLACK



FD28602 FD28602-A FD28602-M

Fixing support included

INDIVIDUAL TOUCH LIGHT SWITCH



FD28601 FD28601-A FD28601-M

Fixing support included

The double touch light switch is turned on after a simple touch to the surface of the key. One-key touch switch is also available for ordering.

BATHROOM LIGHT SWITCH

LCD display

Fan on/off



Fan mode selection

WHITE BEIGE BLACK



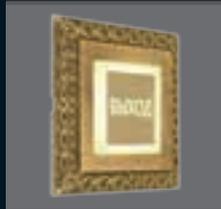
FD28603 FD28603-A FD28603-M

Fixing support included

A touch sensor is integrated in the unit to conveniently switch light/fan on or off manually.

A built-in LED indicator situated underneath the front panel indicates the operating status. The BUZZER and easy-to-read display on the front panel ensures trouble-free operation.

NIGHT LIGHT INDICATORS



Night Light Indicator White and Red
colored LED selectable for all FEDE Collections
Fixing support included
Pack of 1 unit

FD28606

WHITE - RED



Night Light Indicator RGB color changeable
LED for all FEDE Collections
Fixing support included
Pack of 1 unit

FD28607

RGB



NOTE:

Fixing installation supports are included in all models

STICKERS

Stickers for Night Light Indicator
Pack of 1 unit

FINISHES AVAILABLE

ALUMINIUM

FD28608-A, FD28609-A, FD28620-A, FD28621-A,
FD28622-A, FD28623-A

GOLD

FD28608-G, FD28609-G, FD28620-G, FD28621-G,
FD28622-G, FD28623-G

*For Aluminium (A), gold (G) and Black (B) finish for reference
FD28624, please add A, G or B at the end.

FD28624-A

FD28624-G

FD28624-B

For customized stickers, please contact us.



FD28608 FD28609 FD28610 FD28611



FD28612 FD28613 FD28614 FD28615



FD28616 FD28617 FD28618 FD28619



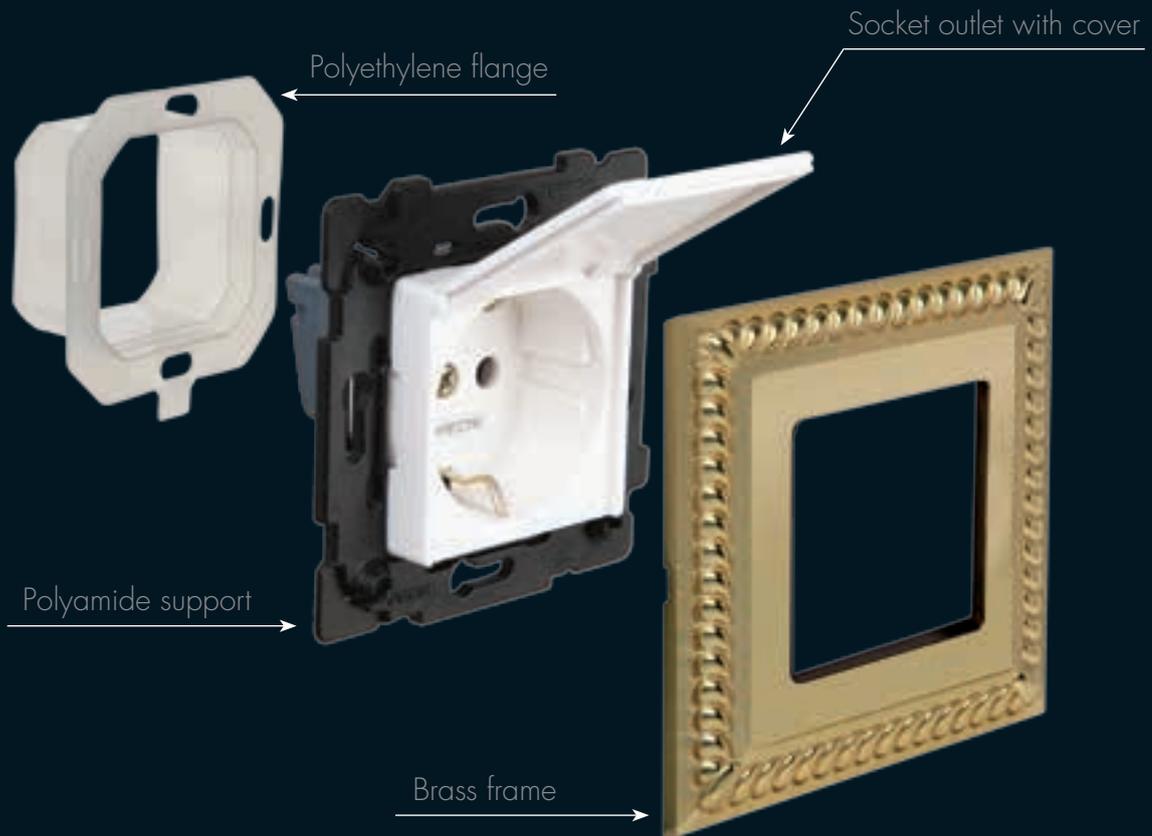
FD28620 FD28621 FD28622 FD28623 *FD28624



Our NIGHT LIGHT INDICATOR is particularly designed for directional guiding in dim environments, they can be situated in rooms, stairways or at any required location in buildings. Two separate styles are provided for the Night Light Indicator.

1. **FD28606** White-Red colored LED selectable
2. **FD28607** RGB color changeable LED

Electronic devices with minimal power consumption. 17 styles of self-adhesive front-panel stickers are available optionally.



NEW ACCESSORIES FOR IP44 SOCKET



Protection ring
Pack of 10 units

FD16-RING

WIDE SOCKET FRONT COVERS WITH TAPS

WHITE BEIGE BLACK



FD16901
Pack of 10 units



FD16901-A

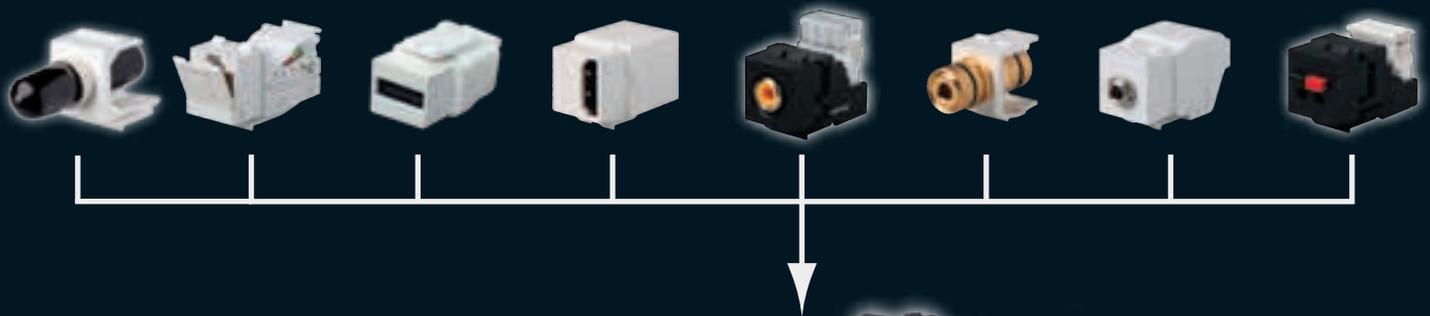


FD16901-M



IP44 SOCKET

The socket is installed in our standard FEDE frames and a polyethylene flange is incorporated under the support for additional protection.



Quick and convenient assembly. All system elements are connected by simply pressing.



"UP", "ARRIBA" with arrows indicate the correct installation method.

Depending on the design solution you can select one of the three colors of mounting plates: white, beige or black. In addition, you can also select them in the same brass finishes as the decorative plates.



Due to the modularity of FEDE mounting plates you can choose the right set of telecommunication and multimedia connectors for your equipment: computers, office automation, telephones, home theater systems, equipments for presentations, etc.

MULTIMEDIA SOCKETS

ROTARY SWITCHES

with Signalling LED



Our rotary switches are extremely compact and allow the integration of signalling LED in a choice of 3 colours: blue, amber and white. This solution is especially indicated for the contract sector and has been patented by our company.



Possibly the most powerful and compact Rotary Switch in the world. Maximum durability and security.

25A ROTARY SWITCH

DOUBLE ROTARY SWITCH



Position I: 4 lamps from a 12 lamp lighting fixture are switched on and the rest are switched off.



Position II: 8 lamps from a 12 lamp lighting fixture are switched on and the rest are switched off.



Position III: All lamps are switched on.



Position IV: All lamps are switched off.

Our double rotary switch with 4 positions allows partial or total switching for a group of lamps.

PRACTICAL GUIDE
OF
SWITCHES
&
ELECTRICAL
MECHANISMS

Let's talk about the things which are not so visible...

1 Long life and security of products. All our products are manufactured according to European standards. This means that all items have been manufactured by the latest machines and have passed industrial quality and production control. In manufacturing process we only use high quality, tested materials and you may feel confident about the choice you are making when buying **FEDE** products.

2 Low installation costs. **FEDE** products are orientated for the luxury goods market, however our customers will always receive the optimal balance between quality and price. During product development we place all our attention in making the product as simple and quick to install for the electrician, project engineer or designer as possible. To this end we are offering our customers universal multifunctional products such as electrical mechanisms and switches, which are very easy and quick to install. The dimensions of all electrical and low voltage mechanisms are compact and easily mounted to the installation box and give optimal conditions for cooling while in use.

3 Ecology. We care about the environment. Most of our products can be recycled.

Main advantages of our products:



Perfect alignment

The lateral slots in the plastic supports guarantee perfect alignment and placing of plates.



New generation of light switches

All switch mechanisms are manufactured with silver of highest purity (900/1000) guaranteeing their wear resistance and high level performance.



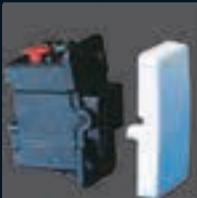
Convenient Plug Sockets

Simply connect and push. All three leads enter via part of the plug socket. All three are screwed on one single side of the plug socket.



Switch

All switch mechanisms are fitted with the latest generation of automatic connectors, independent electrical inputs with greater coverage area for the cables. The flexible conductor is connected to the terminal by lightly pressing the disconnection levels, giving a firm fastening and perfect contact.



Urea, guarantee of durability

The insulating components of the FEDE series are made of self-extinguishing thermosetting UREA, ensuring the safety and durability of the plates, rocker keys and covers.

SWITCHES & PUSH-BUTTON MECHANISMS

UNIPOLAR SWITCH



One-way SP switch FD16505
 Two-way SP switch FD16506
 Intermediate switch FD16507
 Control one-way SP switch 10 A 250 V~
 Pack of 20 units

One-way SP switch FD16557
 Two-way SP switch FD16559
 16 A 250 V~
 Pack of 20 units

BIPOLAR SWITCH



One-way DP switch FD16508
 10 A 250 V~
 Pack of 20 units

One-way DP switch FD16558
 16 A 250 V~
 Pack of 20 units

The same mechanism can be used for DP key with light or DP control key.

PUSH BUTTON MECHANISMS



Push-button FD16516
 10 A 250 V~
 Pack of 20 units



Push-button with temporized switch and diffuser FD16599

Pack of 1 unit

Timing 3 min
 Max 500 W incandescent 230 V~

NARROW KEYS

WHITE BEIGE BLACK



WITH DIFFUSER

FD16705-L FD16705-AL FD16705-ML
 Pack of 20 units



WITHOUT DIFFUSER

FD16705 FD16705-A FD16705-M
 Pack of 20 units

WIDE KEYS

WHITE BEIGE BLACK



FD17705-L FD17705-AL FD17705-ML
 Pack of 20 units



FD17705 FD17705-A FD17705-M
 Paquete de 20 units

IP44 ACCESSORIES



Protection ring
 FD16-RING

Pack of 10 units



Accesorio aislante
 para interruptores
 FD16-SW44

Pack of 10 units

LIGHT INDICATORS



FD21139-1
 Light indicator in amber neon for DP switches
 and control mechanisms 230 V~ 1mA
 Pack of 20 units



FD21139-2
 Blue LED indicator for SP switches, push-buttons, two-
 way switches and intermediate switches 230 V~ 1mA
 Pack of 20 units

BRASS KEYS

Wide key (suitable for all mechanisms of single-key light switches)

WHITE DÉCAPÉ



FD04310BD

MATT PATINA



FD04310PM

BRIGHT PATINA



FD04310PB

REAL GOLD



FD04310OR

BRIGHT GOLD



FD04310OB

RUSTIC COPPER



FD04310RU

GRAPHITE



FD04310GR

NICKEL SATIN



FD04310NS

BRIGHT CHROME



FD04310CB

Wide key with diffuser for illumination LED lamp (suitable for all mechanisms of single-key light switches)



FD04312BD



FD04312PM



FD04312PB



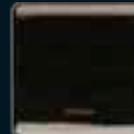
FD04312OR



FD04312OB



FD04312RU



FD04312GR



FD04312NS



FD04312CB

Narrow keys (suitable for all mechanisms of double-key light switches)



FD04311BD



FD04311PM



FD04311PB



FD04311OR



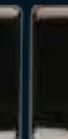
FD04311OB



FD04311RU



FD04311GR



FD04311NS



FD04311CB



Narrow key with diffuser for illumination LED lamp (suitable for all mechanisms of double-key light switches)



FD04313BD



FD04313PM



FD04313PB



FD04313OR



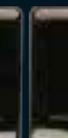
FD04313OB



FD04313RU



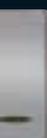
FD04313GR



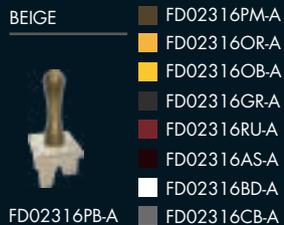
FD04313NS



FD04313CB



NEW TOGGLE SWITCHES



NOTE:
Please see mounting scheme on page 102.

BRASS COVER FOR 1 TOGGLE SWITCH



BRASS COVER FOR 2 TOGGLE SWITCHES



NEW DIMMERS



New Dimmer for all FEDE Collections

FEDE new universal DIMMER is the perfect mechanism to easily replace an existing light switch and dim your lights for energy saving.
It could also be used as a fan controller.
250V-600W

Pack of 1 unit

WHITE BEIGE BLACK

Fixing support included



Dimmer for all FEDE collections.

Resistive load: (incandescent and direct dichroic lamps) 60-500W 230V~
Inductive load: very low tension halogen lamps fed by transformer, domestic fans 230V-300VA.

Pack of 1 unit



*For change plastic rotary handle for brass rotary handle, you have to just replace plastic one and put another type from brass
*Plastic handle is included with dimmer mechanism



ELECTRONIC LIGHT SWITCHES

Individual-light switch
Pack of 1 unit



Double-key-light switch
Pack of 1 unit



Bathroom light switch
Pack of 1 unit



Infrared light switch
Pack of 1 unit



NIGHT LIGHT INDICATOR

Night Light Indicator White-Red colored LED
selectable for all FEDE Collections
Fixing support included
Pack of 1 unit

FD28606



RGB

Night Light Indicator RGB color changeable
LED for all FEDE Collections
Fixing support included
Pack of 1 unit

FD28607



STICKERS

FINISHES AVAILABLE

Stickers for Night Light Indicator Pack of 1 unit
ALUMINIUM

FD28608-A, FD28609-A, FD28620-A, FD28621-A,
FD28622-A, FD28623-A

GOLD

FD28608-G, FD28609-G, FD28620-G, FD28621-G,
FD28622-G, FD28623-G

*For Aluminium (A), gold (G) and Black (B) finish for reference FD28624, please add A, G or B at the end.

FD28624-A

FD28624-G

FD28624-B

For customized stickers, please contact us.



FD28608 FD28609 FD28610 FD28611 FD28612 FD28613 FD28614 FD28615 FD28616 FD28617 FD28618 FD28619 FD28620 FD28621 FD28622 FD28623 FD28624

ROTARY SWITCH MECHANISMS

PLASTIC

BRASS

WHITE BEIGE BLACK BRIGHT GOLD BRITGH PATINA



One-way rotary switch
10 A 250 V~
Pack of 1 unit

without pilot lamp



FD03110

FD03110-A

FD03110-M

FD03110-OB

FD03110-PB

with pilot lamp
Pack of 1 unit



FD03111

FD03111-A

FD03111-M

FD03111-OB

FD03111-PB



Two-way rotary switch
10 A 250 V~
Pack of 1 unit

without pilot lamp



FD03120

FD03120-A

FD03120-M

FD03120-OB

FD03120-PB

with pilot lamp
Pack of 1 unit



FD03121

FD03121-A

FD03121-M

FD03121-OB

FD03121-PB



Intermediate rotary switch
10 A 250 V~
Pack of 1 unit

without pilot lamp



FD03130

FD03130-A

FD03130-M

FD03130-OB

FD03130-PB

with pilot lamp
Pack of 1 unit



FD03131

FD03131-A

FD03131-M

FD03131-OB

FD03131-PB



Double one-way SP switch
10 A 250 V~
Pack of 1 unit

without pilot lamp



FD03140

FD03140-A

FD03140-M

FD03140-OB

FD03140-PB

Double one-way SP switch

NEW ROTARY SWITCH MECHANISMS



One-way rotary switch
25 A 250 V~
Pack of 1 unit

PLASTIC			BRASS	
WHITE	BEIGE	BLACK	BRIGHT GOLD	BRITISH PATINA



without pilot lamp FD03150 FD03150-A FD03150-M FD03150-OB FD03150-PB



Double Pole rotary switch
25A 250 V~
Pack of 1 unit



without pilot lamp FD03160 FD03160-A FD03160-M FD03160-OB FD03160-PB

BRASS HANDLES FOR ROTARY SWITCHES



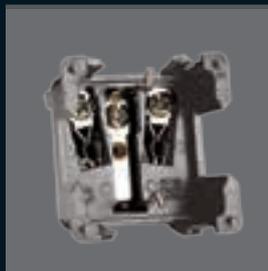
LED PILOT LAMPS



LED Indicator for rotary switches
White FD188LED220-1
Blue FD188LED220-2
Amber FD188LED220-3
Pack of 25 units

SOCKET OUTLETS

GERMAN STANDARD SOCKET



2P + E Socket outlets
(German standard) FD16523
16 A 250 V
Packing 10 units

WIDE SOCKET FRONT COVERS

WHITE BEIGE BLACK



FD16731 FD16731-A FD16731-M
Pack of 10 units

Safety device to protect children incorporated.

ACCESSORIES FOR IP44 SOCKET



Protection ring FD16-RING
Pack of 10 units

WIDE SOCKET FRONT COVERS WITH TAPS (GERMAN STANDARD)



FD16901 FD16901-A FD16901-M
Pack of 10 units

Safety device to protect children incorporated.

BRASS COVERS FOR GERMAN STANDARD SOCKETS



FD04314BD



FD04314PM



FD04314PB



FD04314OR



FD04314OB



FD04314RU



FD04314GR



FD04314NS



FD04314CB



FD04314BD-A



FD04314PM-A



FD04314PB-A



FD04314OR-A



FD04314OB-A



FD04314RU-A



FD04314GR-A



FD04314NS-A



FD04314CB-A



FD04314BD-M



FD04314PM-M



FD04314PB-M



FD04314OR-M



FD04314OB-M



FD04314RU-M



FD04314GR-M



FD04314NS-M



FD04314CB-M

FULLY ASSEMBLED MODELS

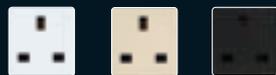
BRITISH STANDARD SOCKET

Fixing support included
child protection
16 A 230 V
Pack of 1 unit



FD20000 Pack of 1 unit
FD20000-A
FD20000-M

Without fixing support
child protection
16 A 230 V
Pack of 1 unit



FD20000B Pack of 1 unit
FD20000AB
FD20000MB

NOTE:
Please request our British Standard's catalogue
for models fitting British installation boxes.

FRENCH STANDARD SOCKET



FD16623
2P + E Socket outlets
10-16 A 250 V
Pack of 10 units

PROTECTION RING IP44



FD16-RING
Protection ring
Pack of 10 units

UNIVERSAL SOCKET OUTLET

2P Universal socket outlet
(16 A 2 pins Ø 4,8 European plug)
(15 A American plug)
Pack of 20 units



FD16090 Pack of 20 units
FD16090-A
FD16090-M

2P + E Universal socket outlet
(16 A 2 pins Ø 4,8 European plug)
(15 A American plug)
Pack of 20 units



FD16190 Pack of 20 units
FD16190-A
FD16190-M

NARROW MODULES

WIDE COVERS

WHITE BEIGE BLACK



FD16071 Pack of 10 units
FD16071-A
FD16071-M

WIDE SOCKET FRONT COVERS WITH TAPS (FRENCH STANDARD)

WHITE BEIGE BLACK



FD16902 Pack of 10 units
FD16902-A
FD16902-M

Safety device to protect children incorporated

BRASS COVERS FOR FRENCH STANDARD SOCKETS



FD04324BD



FD04324PM



FD04324PB



FD04324OR



FD04324OB



FD04324RU



FD04324GR



FD04324NS



FD04324CB



FD04324BD-A



FD04324PM-A



FD04324PB-A



FD04324OR-A



FD04324OB-A



FD04324RU-A



FD04324GR-A



FD04324NS-A



FD04324CB-A



FD04324BD-M



FD04324PM-M



FD04324PB-M



FD04324OR-M



FD04324OB-M



FD04324RU-M



FD04324GR-M



FD04324NS-M



FD04324CB-M

TV/SAT SOCKET OUTLETS

We are offering wide range of professional TV/SAT socket outlets:

- miniCOMPACT SERIES
- ecoCOMPACT SERIES
- COMPACT SERIES



The compact dimension of the mechanisms ensure fixation of cables and installation to the mounting box in the wall.

TV/SAT COVERS

Cover for mechanism with single connector

Cover for mechanism with double connector

WIDE COVERS

WHITE	BEIGE	BLACK
FD0321 Pack of 12 units	FD0321-A	FD0321-M
FD0322 Pack of 12 units	FD0322-A	FD0322-M

BRASS TV/SAT SOCKETS

FD04315BD-A (Beige) FD04315BD-M (Black)	FD04315PV-A (Beige) FD04315PV-M (Black)	FD04315PB-A (Beige) FD04315PB-M (Black)	FD04315OR-A (Beige) FD04315OR-M (Black)	FD04315OB-A (Beige) FD04315OB-M (Black)	FD04315RU-A (Beige) FD04315RU-M (Black)	FD04315GR-A (Beige) FD04315GR-M (Black)	FD04315NS-A (Beige) FD04315NS-M (Black)	FD04315CB-A (Beige) FD04315CB-M (Black)
FD04316BD-A (Beige) FD04316BD-M (Black)	FD04316PV-A (Beige) FD04316PV-M (Black)	FD04316PB-A (Beige) FD04316PB-M (Black)	FD04316OR-A (Beige) FD04316OR-M (Black)	FD04316OB-A (Beige) FD04316OB-M (Black)	FD04316RU-A (Beige) FD04316RU-M (Black)	FD04316GR-A (Beige) FD04316GR-M (Black)	FD04316NS-A (Beige) FD04316NS-M (Black)	FD04316CB-A (Beige) FD04316CB-M (Black)

miniCOMPACT OUTLET SERIES

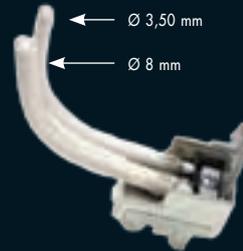
- New single slot diecast box
- Occupies very little space (23mm depth, connector excluded)
- High screening factor >90dB
- Ultra wide bandwidth 4 ÷ 2350 MHz
- High whole band linearity and return loss values
- Silver plated contacts
- For TV/SAT analogue and digital signals
- Linkable together to main face plate



miniCOMPACT outlet with F connector
Pack of 20 units



miniCOMPACT outlet with diecast IEC MALE connector
Pack of 20 units



CLAMP SCREW guarantees tight mechanical and electrical contact and permits different cables avoiding mounting problems



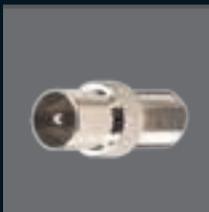
miniCOMPACT outlet diplexed with diecast IEC MALE connector
Pack of 20 units

NOTE:
Please see references on next table.

ecoCOMPACT OUTLET SERIES



ecoCOMPACT diecast adapter FD090F



F-F ADAPTER FD091F

The ecoCOMPACT (FD090F) adapter consists of one diecast slot with high screening factor. Its two thread holes allow both adapters FD091F and / or FD092F to be mounted. This kit should be used together with the covers show on page 139. The ecoCOMPACT has a very wide bandwidth from 4 to 2350 MHz and it is compatible with analogue and digital TV/SAT signals.

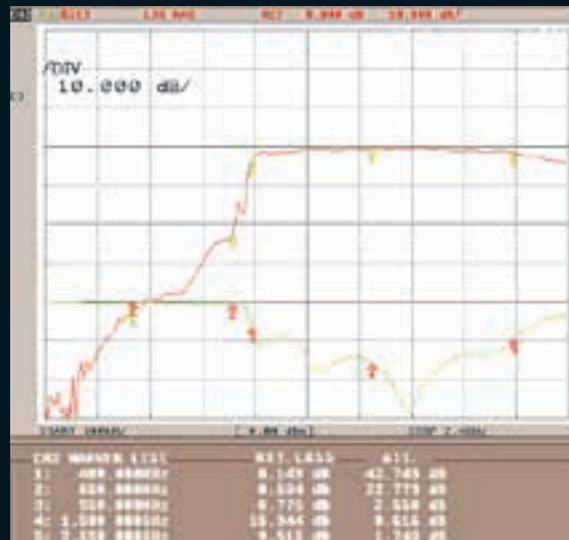


F-IEC MALE ADAPTER FD092F

TV/SAT OUTLET SERIES TECHNICAL DATA

REFERENCE	ATT. LOSSES (dB)	Ret. Ch 5 MHz	TV 860MHz	SAT 2150MHz
FD001F FD001F/DC FD002F	Tap	1	1,5	2
FD506F/3	Through	3,5	3,5	4,5
	Tap	4	4	4,5
	Reverse	20	20	20
FD003F/06 FD506F/06 FD004F/06 FD006F/06	Through	2	2	3,5
	Tap	7	6,5	7,5
	Reverse	22	18	15
FD003F/10 FD506F/10 FD004F/10 FD006F/10	Through	2,5	2,5	4
	Tap	10	10	11
	Reverse	30	28	18
FD003F/14 FD506F/14 FD004F/14 FD006F/14	Through	1	2	3,5
	Tap	14,5	14	14,5
	Reverse	35	25	18
FD003F/18 FD506F/18 FD004F/18 FD006F/18	Through	1,5	1,5	3,5
	Tap	20	18	18
	Reverse	40	35	20
FD003F/22 FD506F/22 FD004F/22 FD006F/22	Through	1	1,5	2,5
	Tap	20	22	21
	Reverse	38	36	33
FD220F/3 FD290F/3 FD270F/3 FD280F/3	Through	3,5	4,5	5,5
	Tap TV	4	5,5	30
	Tap SAT	40	25	7
	Reverse	40	24	18
FD220F/6 FD290F/6 FD270F/6 FD100F/6 FD280F/6	Through	2,5	3	3,5
	Tap TV	6	7	40
	Tap SAT	25	25	8
	Reverse	22	18	15
FD220F/10 FD290F/10 FD270F/10 FD100F/10 FD280F/10	Through	2,5	2,5	4
	Tap TV	9	10,5	35
	Tap SAT	30	35	10,5
	Reverse	24	15	15
FD220F/14 FD290F/14 FD270F/14 FD100F/14 FD280F/14	Through	1	2	3,5
	Tap TV	14	14,5	36
	Tap SAT	27	35	14
	Reverse	40	35	15
FD220F/18 FD290F/18 FD270F/18 FD100F/18 FD280F/18	Through	1,5	1,5	3,5
	Tap TV	17	18,5	34
	Tap SAT	40	35	17
	Reverse	40	35	18
FD220F/22 FD290F/22 FD270F/22 FD100F/22 FD280F/22	Through	1	1,5	2,5
	Tap TV	22	20	40
	Tap SAT	27	40	20
	Reverse	35	30	26
FD009F	Through	3	4	24
	Tap TV	3	5	35
	Tap SAT	15	25	2,5
FD010F FD013F FD012F	Tap TV	1	3,5	30
	Tap SAT	35	25	2,5

PTV /SAT-DMX/



Tap SAT A/F response and return loss



Tap TV A/F response and return loss

miniCOMPACT OUTLET SERIES

REFERENCE	SCHEME	OUTLET DESCRIPTION
FD001F PTV/SAT/IEC		End with IEC male connector
FD001F/DC PTV/SAT/IEC/DC		End + DC with IEC male connector
FD002F PTV/SAT/F/DC		End + DC with F connector
FD003F/... PTV/SAT-P/F/DC/... 6-10-14-18-22		Through + DC (diode between OUT-in) and Tap + DC with diode and F connector
FD004F/... PTV/SAT-P/F/... 6-10-14-18-22		Through + DC between IN and Tap with F connector
FD506F/... PTV/SAT-P/IEC/... 3-6-10-14-18-22		Through + DC between IN and OUT with isolated IEC male connector
FD011F PTV/SAT-DMX/U3		End with separate TV input and SAT + DC input

COMPACT OUTLET SERIES

REFERENCE	SCHEME	OUTLET DESCRIPTION
FD009F PTV/SAT-DMX/P/M		Trough TV with diplex SAT + DC/TV
FD012F PTV/SAT+M/CC		Diplex SAT + DC (with "F") and TV (clamp out)
FD100F/... PTV/SAT-DMX/P/D... 6-10-14-18-22		Through + DC (diode between OUT and IN), with diplex SAT + DC (with diode between tap and IN TV)

REFERENCE	SCHEME	OUTLET DESCRIPTION
FD220F/... M-DMX/P/IS/... 3-6-10-14-18-22		Through + DC between IN and OUT with isolated diplex SAT/TV
FD270F/... M-DMX/P/DC/... 3-6-10-14-18-22		Through + DC between IN and OUT with diplex SAT + DC/TV
FD280F/... M-DMX/P/... 3-6-10-14-18-22		Through with diplex SAT + DC/TV
FD290F/... M-DMX/P/D/... 3-6-10-14-18-22		Through + DC with diode between IN and OUT with diplex SAT + DC/TV
FD010F PTV/SAT-DMX/T		End with diplex SAT + DC/TV
FD013F PTV/SAT-DMX/T/IS		End with isolated diplex SAT + DC/TV



COMPACT OUTLET DIPLEXED WITH F and IEC MALE CONNECTORS

COVERS FOR MULTIMEDIA SOCKETS

Single mounting plate
Pack of 10 units



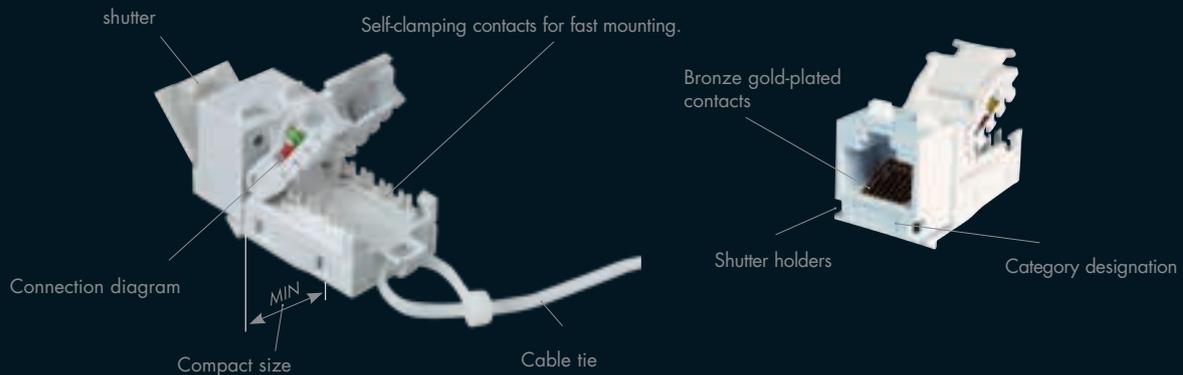
Double mounting plate
Pack of 10 units



BRASS MULTIMEDIA SOCKETS



OUTLETS FOR 5E AND 6E CATEGORY INFORMATION NETWORKS



PHONE, COMPUTER AND AUDIO CONNECTORS



6 contacts phone socket
For RJ-11 connector
Cat. 3e
Pack of 1 unit.

WHITE
FD-T3-B

BLACK
FD-T3-M



Information outlets (internet), Cat. 5e
Pack of 1 unit
Information outlets (internet), Cat. 6e
Pack of 1 unit.

FD-T5-B

FD-T5-M



HDMI connector
Pack of 1 unit

FD-T6-B

FD-T6-M

FD-210HD

FD-210HD-M



USB connector
Jack-to-jack connection,
2.0A-A, nickel coating
Pack of 1 unit

FD-210USB

FD-210USB-M



RCA connector,
Audio, nickel coating
Pack of 1 unit

FD-310RSA-YL

FD-310RSA-YL-M



BANANA audio outlet
Pack of 1 unit

Red
Black

FD-BJ-B-R
FD-BJ-B-M

FD-BJ-M-R
FD-BJ-M-M



Audio outlet for plugs Ø3.5mm
Pack of 1 unit

FD-35S-B

FD-35S-M



Self-clamping audio outlet
Pack of 1 unit

FD-310ST

FD-310ST-M

FIBER-OPTIC CONNECTORS



ST connector PB sleeve,
19.20mm

Individual Pack of 1 unit

FD-1D2/ST (White)



LC flangeless connector PB sleeve,
19.20mm

Individual Pack of 1 unit

FD-2D2/LC (White)

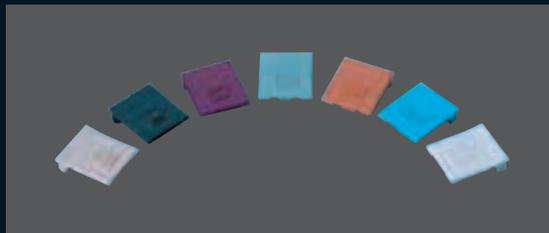


SC flangeless connector PB sleeve,
19.20mm

Individual package: 1pc.

FD-2D2/SC (White)

ACCESSORIES FOR MULTIMEDIA SOCKETS



Shutters with
designation symbols
Package: 50 pcs

FD-ICON-D-XX
FD-ICON-V-XX
FD-ICON-C-XX
FD-ICON-5e-XX
FD-ICON-N-XX
FD-ICON-6-XX

D – DATA (monitor)
V – VOICE (telephone)
C – Cat. 5
5e – Cat. 5e
N – without marking
6e – Cat. 6

When ordering shutters it is necessary to add the appropriate color codes: beige (IV), white (WH), grey (GY), black (BK), red (RD), orange (OR), blue (BL), green (GN), yellow (YL)



Plug

Designed for closing
the unused seat
on the mounting plate
Pack of 10 units

FD-ISKWH

THERMOSTATS



Thermostat for electrical heating floors control
16 230V ± 10%, 50-60 Hz,
Temperature control range: 5-45°

Cable 4m. with sensor for electrical heating floors included in package.
Fixing support included

Pack of 1 unit

WHITE



FD18000

BEIGE



FD18000-A

BLACK



FD18000-M

BRIGHT GOLD



FD18000OB



FD18000OB-A



FD18000OB-M

BRIGHT PATINA



FD18000PB



FD18000PB-A



FD18000PB-M



Thermostat for room temperature control
16 230V ± 10%, 50-60 Hz,
Temperature control range: 5-45°
Fixing support included

Pack of 1 unit



FD18001



FD18001-A



FD18001-M

BRIGHT GOLD



FD18001OB



FD18001OB-A



FD18001OB-M

BRIGHT PATINA



FD18001PB



FD18001PB-A



FD18001PB-M



Multi-function Thermostat
Fixing support included

Pack of 1 unit

WHITE



FD18004

BEIGE



FD18004-A

BLACK



FD18004-M

BRIGHT GOLD



FD18004OB



FD18004OB-A



FD18004OB-M

BRIGHT PATINA



FD18004PB



FD18004PB-A



FD18004PB-M



Universal thermostat for surface mounting 2 x AA, Alkaline.
0-50° C
Temperature control range: 5-35°
Cable 4m. with sensor for electrical heating floors included in package.

Pack of 1 unit

WHITE



FD18002

BLACK



FD18003

GOLD



FD18-COVG

CHROME



FD18-COVG

Decorative tap for thermostat
Pack of 1 unit

SWITCHING MECHANISMS FOR BLINDS



Double push-button for blinds.
With electrical interlocking device
FD17665
10 A 250 V~
Pack of 10 units

Switch for blinds.
With electrical and mechanical interlocking device.
FD17669
10 A 250 V
Pack of 10 units

WIDE KEYS

WHITE BEIGE BLACK



FD17769 FD17769-A FD17769-M
Pack of 10 units

These mechanisms are provided with a security system that prevents the up and down signal being sent simultaneously.

NEW CORD OUTLETS



With fixing clamp up to Ø8mm.

WHITE BEIGE BLACK



FD18034 FD18034-A FD18034-M
Pack of 10 units



NEW BRASS BLANK PLATES

WHITE DÉCAPÉ MATT PATINA BRIGHT PATINA REAL GOLD BRIGHT GOLD RUSTIC COPPER GRAPHITE NICKEL SATIN BRIGHT CHROME



FD04319BD



FD04319PM



FD04319PB



FD04319OR



FD04319OB



FD04319RU



FD04319GR



FD04319NS



FD04319CB

Pack of 10 units

NEW PLASTIC BLANK PLATES

WHITE BEIGE BLACK



FD17033 FD17033-A FD17033-M
Pack of 10 units

SUPPORT FOR FIXING MECHANISMS



Polyamide support for fixing mechanisms
Pack of 20 units

FD16-BAST

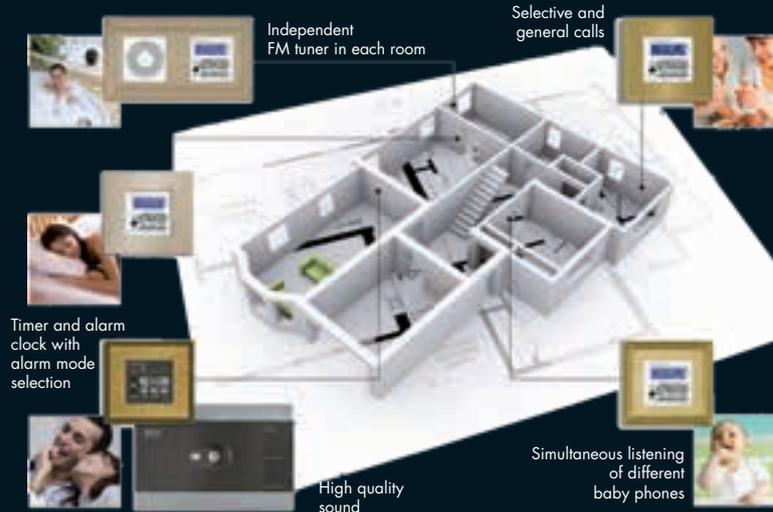


Polyamide support with claws for fixing mechanisms
Pack of 20 units

FD16-GAR

NOTE:
In order to show the correct way to install, it is marked "UP" and "ARRIBA" with arrows at the top right corner.

MULTI-ROOM AUDIO SYSTEM



The core of the FEDE multi-room sound system is a central unit that is generally installed in the living room. It manages the data transmission between the different system components, and allows the connection of different audio sources such as CD player, home cinema, PC Soundblaster, MP3 player, etc. Besides the central unit, one easy-to-fit flush-mount control module must be installed in each room. Just one run of standard 2x1sq. mm + 6x0,25 sq. mm cable distributes Hi-Fi audio, intercom and power to each room. Junction boxes correctly placed will provide the different derivations from the main line to the in-wall keypads.

A simple standard speaker cable (right channel and left channel) is enough to connect the wall control modules with the in-ceiling or wall-mount speakers.

By using a 25W central unit the system is allowed to power up to a maximum of ten stereo control keypads. If a 60W central unit is used instead up to twenty stereo control modules can be installed without any extra power supply. Additional control modules of in-wall control modules to the

multi-room sound system must follow the rule of one extra US 50 power supply unit for each twenty keypads.

Every control module is able to drive two FEDE speakers. If active speakers are used up to six speakers can be connected to each control keypad. The number of active speakers in the system must be considered when calculating the system power consumption in order to know if extra power supply units or a more powerful central unit must be installed.

The connection of domotic interfaces to the system main line will allow FEDE control modules to perform electronic door-phone and telephone functions.

It is highly recommended to pre-install a separated trunking for the multi-room audio system, independent from the conduits used for general power, lighting, etc. This will ensure that no alterations affect the audio quality.

S 130 FM 1 Stereo audio
program 1.5+1.5 W.

- Individual digital stereo built-in FM radio with 9 pre-set radio stations.
- Remote control unit IR receiver.
- Connection to the home electronic doorphone and telephone by means of ID100 and ID200 domotic interfaces.
- Auxiliary audio input.
- Digital control of bass, treble, balance...
- Digital clock with LCD screen and independent alarm clock.
- Electret 'hands free' microphone.
- Individual calls into 32 zones.
- Message override.
- 'Do not disturb' mode.
- Simultaneous listening of different 'baby-phones' for monitoring of children or elderly people.



ID 100 Electronic doorphone domotic interface for S 130
FM control modules.

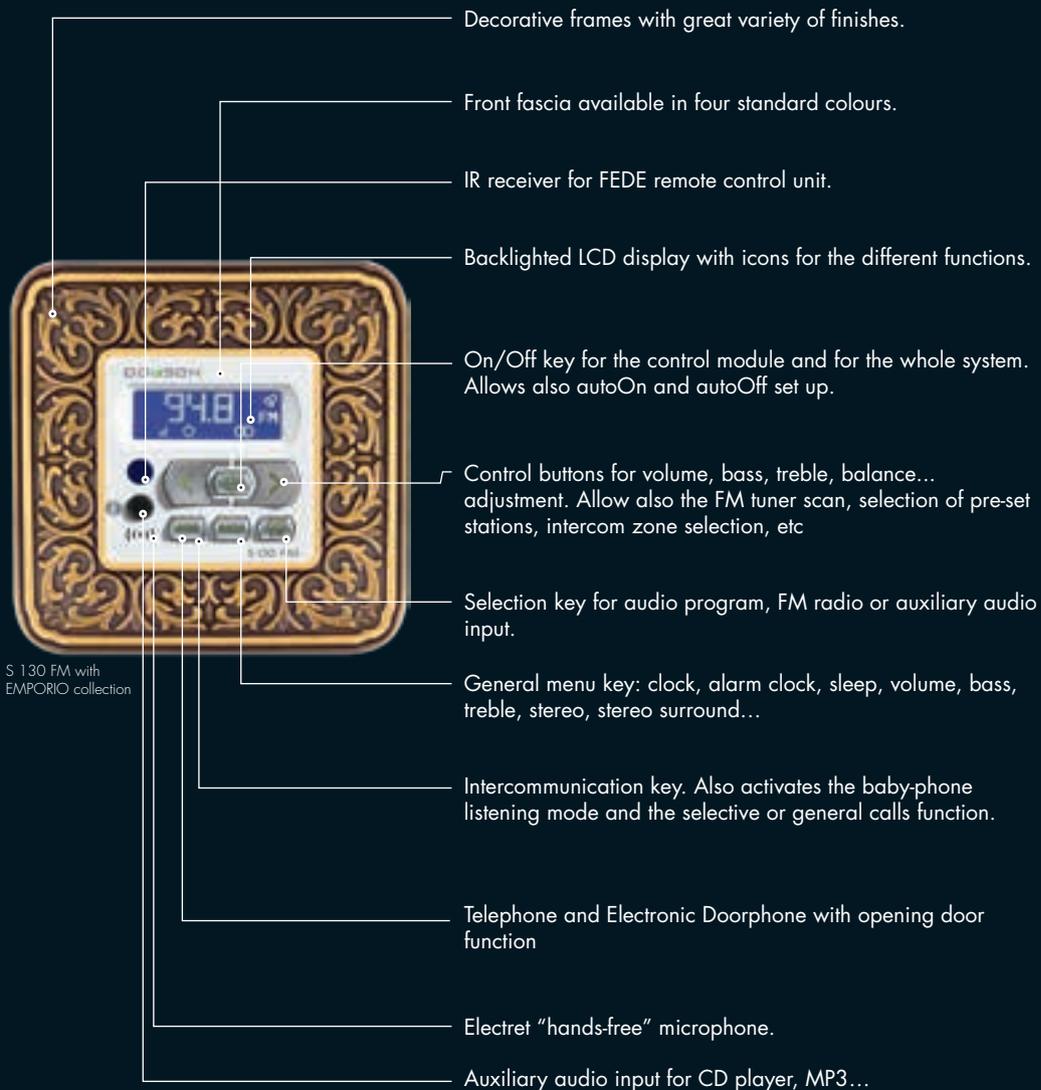
- Allows connection of S 130 FM control modules to the home electronic analogue doorphone or video doorphone.
- In consequence the S 130 FM control modules will be able to answer the doorphone calls and also open the door



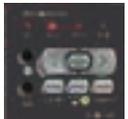
ID 200 Telephone domotic interface for S 130 FM control
modules.

- Allows connection of S 130 FM control modules to the home analogue landline phone.
- As a result of this, the S 130 FM control modules will be allowed to answer the telephone calls as well as to dial in combination with the remote control unit keypad.

Description of a typical multi-room audio system



S 10 FM - Control unit with FM function

	Code	Description
	FD100030 White	1 stereo audio program 1,5 + 1,5W. Stereo FM radio with automatic upwards / downwards scan and 4 pre-set radio stations, with indicator leds. Auxiliary audio input.
	FD100032 Black	1 stereo audio program 1,5 + 1,5W. Stereo FM radio with automatic upwards / downwards scan and 4 pre-set radio stations, with indicator leds. Auxiliary audio input.

S 130 FM - Control unit with FM & Domotic functions. Remote control included

	Code	Description
	FD100035 White	1 stereo audio program 1,5 + 1,5W. Zone intercom: General calls and individual calls into 32 zones FM radio with 9 pre-set radio stations, LCD screen, digital clock with LCD screen. Auxiliary audio input. Connection to the home doorphone and telephone by means of ID100 and ID200 domotic interfaces. Remote control unit IR receiver included.
	FD100037 Black	1 stereo audio program 1,5 + 1,5W. Zone intercom: General calls and individual calls into 32 zones FM radio with 9 pre-set radio stations, LCD screen, digital clock with LCD screen. Auxiliary audio input. Connection to the home doorphone and telephone by means of ID100 and ID200 domotic interfaces. Remote control unit IR receiver included.

Domotic interfaces for S 130 FM control unit

	Code	Description
	FD100200	ID 100 Electronic doorphone domotic interface for S130FM control modules.
	FD100201	ID 200 Telephone domotic interface for S130FM control modules.

Central Unit		
	Code	Description
	FD100100 white FD100102 black	US 100 S - 1 stereo program microprocessed Central Unit. 25W.
	FD100104 white FD100106 black	US 110 S - 1 stereo program microprocessed Central Unit. 60W.
Adaptor		
	Code	Description
	FD100631 white	AS 316 ABS special adaptor for FEDE's series.
	FD100633 black	AS 316 ABS special adaptor for FEDE's series.
Speakers		
	Code	Description
	FD100310 white	ASP 5 - 5" active speaker with stereo amplifier (10+10W) / 20W integrated stereo/mono amplifier. Nominal impedance: 2Ω . Frequency response: 90 -18.000 Hz Dimensions: Ø132x70 mm.
	FD100312 white	ASP 5 DV-Two-way active speaker with stereo amplifier (10+10W) / 20W integrated stereo/mono amplifier 5" Woofer + Tweeter. Nominal impedance: 2Ω. Frequency response: 90 -20.000 Hz Dimensions: Ø132x70 mm.
	FD100309 white	SP 5 - 5" speaker with rear protection enclosure. Matches only with RT 5 grilles Power rating: 15W. Nominal impedance: 8Ω. Frequency response: 90 -18.000 Hz Dimensions: Ø132x56 mm.
	FD100304 white	SP 2A - 2" speaker with ABS grille. Power rating: 8W. Nominal impedance: 8Ω. Frequency response: 150 -16.000 Hz Dimensions: Ø50x39 mm.
	FD100305 off white	
	FD100306 graphite	
	FD100307 silver	

	FD100311 white	SP 5 DV -Two-way speaker. 5" Woofer + Tweeter. Matches only with RT 5 grilles Power rating: 15W. Nominal impedance: 8Ω. Frequency response: 90 –20.000 Hz Dimensions: Ø132x56 mm.
	FD100308 white	SP 3 - 3.5" speaker with white ABS grille. Power rating: 10W. Nominal impedance: 8Ω. Frequency response: 125 –18.000 Hz Dimensions: Ø120x66 mm. Cutout dimensions: Ø105 mm.
	FD100313 white	SP 10 DV - Two-way speaker. 5" Woofer + Tweeter White metallic grille. Power rating: 20W. Nominal impedance: 8 Ω. Frequency response: 90 –20.000 Hz Dimensions: Ø200x70 mm. Cutout dimensions: Ø165 mm.
	FD100316 white	SP 20 DV - Pair of 'extra-flat' cabinet speakers. Two-way system 5" Woofer + Tweeter. Manufactured with rectangular metallic grille and white ABS enclosure. Power rating: 20W. Nominal impedance: 8 Ω. Frequency response: 200 –19.000 Hz Dimensions: 184x270x37 mm
Grilles		
	Code	Description
	FD100700	RT 5 - White grille
	FD100702	RT 5 G -Graphite grille
	FD100703	RT 5 S -Silver finish grille
	FD100706	RT 5 W -Wenge finish grille
	FD100705	RT 5 R- Oak finish grille
	FD100704	RT 5 P - Pine finish grille
Fixing Systems		
	Code	Description
	FD100780	GR 10 - Set of springs for 5" grille. Special fixing system for plaster and false ceilings
	FD100781	GR 20 - Set of pressure claws for 5" grille. Fixing system for 5" flush-mount boxes.

Audio Amplifiers

	Code	Description
	FD100270	PA 10 - Stereo amplifier. 10+10W stereo or 20W mono – 2 Ω. Dimensions: 96x76x36,5 mm.
	FD100271	PA 20 - Stereo amplifier. 20+20W stereo or 40W mono – 4 Ω. Dimensions: 105x89x80 mm

Cables

	Code	Description
	FD100790	W 2 - Two-color (red/black) parallel cable. Halogen-free. Cross-section: 0.50 mm. 100 meters.
	FD100791	W 8 -Twisted cable. Halogen free. Cross-sections: 2 x 1 and 6 x 0.25 mm. 100 meters.
	FD100793	W 10 -Twisted cable. Halogen free. Cross-sections: 2 x 1 and 8 x 0.25 mm. 100 meters.
	FD100792	W 14 -Twisted cable. Halogen free. Cross-sections: 2 x 1 and 12 x 0.25 mm. 100 meters.

Flush-mount Boxes

	Code	Description
	FD100736	B 3 -In-ceiling flush-mount box For SP 3 and SP 4 speakers. Dimensions: Ø122x67 mm
	FD100730	B 5 -For 5" speakers. Dimensions: Ø163x78 mm
	FD100735	B 50 -For Series S central units. Dimensions: 200x130x60 mm.

Blind Covers

	Code	Description
	FD100750	TB 5 -White ABS blind cover for B 5 speakers flush-mount box. Dimensions: Ø ext. 170 mm x 4 mm depth. Cutout dimension Ø145 mm

COMPOSITION OF MOST USUAL ITEMS

DESCRIPTION	FRAME	MECHANISMS	TOGGLE /COVER/ HANDLE	BRASS COVER	FIXING SUPPORT
NEW 1 TOGGLE SWITCH	FD01221PB 	FD16505 	FD02316PB-M 	FD04320PB-M 	FD16 - BAST 
NEW 2 TOGGLE SWITCHES	FD01221PB 	FD16505 x 2 	FD02316PB-M x 2 	FD04321PB-M 	FD16 - BAST 
SOCKET BASE	FD01221PB 	FD16523 	FD16731-M 		FD16-BAST 
1 WIDE KEY SWITCH	FD01221PB 	FD16505 	FD17705-M 		FD16-BAST 
NARROW KEY SWITCH	FD01221PB 	FD16505 x2 	FD16705-M x2 		FD16-BAST 
ROTARY SWITCH	FD01221PB 	FD03110-M 	FD02310PB 		FD16-BAST 
DIMMER (With fixing support)	FD01221PB 	FFD28605-M 			

CHOICE OF MECHANISMS

New Dimmer with fixing support included



Rotary switch 10A and 25A

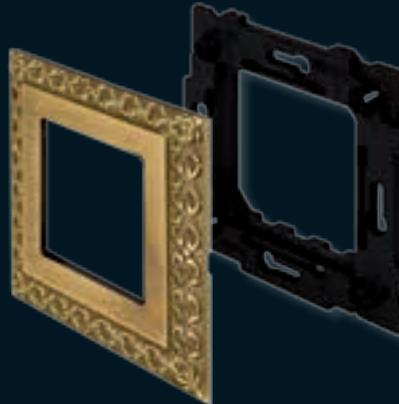


Standard switch 10A and 16A



CHOICE OF COLLECTIONS

We only use high quality brass for the manufacture of our frames. During the manufacturing process our frames pass through several levels of machine and hand polishing, then finishing and final varnishing.



FIXING SUPPORT FD16-BAST

Fixing support manufactured from high quality polyamide with reinforced fibre glass providing high electrical isolation and fixation of the brass frames.

In order to show the correct way to install, it is marked "UP" and "ARRIBA" with arrows at the top right corner.

Modern Technical Solutions

ROTARY SWITCH
10A & 25A



New specially developed rotary mechanism with compact dimensions that allow easy cable fixing and easy mounting in the installation box. It has a long lifespan. We guarantee 20000 rotary switching cycles which is an improvement on current standards. For rotary mechanisms we have three different colours of modern LED lamps 220V for perfect lighting.

HOW TO ORDER

FEDE proposes a modular and multi-functional system with decorative frames from 1 to 5 modules and the possibility of universal assembly (horizontal or vertical). Our range is very versatile.

Our golden rule when checking prior to making an order:

$$\text{Number of Modules} = \text{Number of Fixing Supports (FD 16-BAST)}$$

Firstly we choose the collection most suitable for our Top Class Project. Once the decorative frames have been chosen, we calculate the requirement of fixing supports according to the above rule.

Some of our new electrical mechanisms already incorporate fixing supports.

PROJECT EXAMPLE

1 gang plate = 30 units	x 1 module = 30
2 gang plate = 8 units	x 2 module = 16
3 gang plate = 4 units	x 3 module = 12
4 gang plate = 8 units	x 4 module = 32
5 gang plate = 2 units	x 5 module = 10

TOTAL = 100 MODULES (the references of decorative frames must be specified in the order, based on the chosen collection) = 100 UNITS OF FD16-BAST FIXING SUPPORTS (to be added to the order). We will prepare then a list of our needs and required functions in order to choose the most suitable mechanisms.

There exist a great variety of options in our catalogue.

Once chosen, we will check that the TOTAL of the MECHANISMS allows for all the modules to remain covered. We must bear in mind that when choosing two narrow keys switches, also two switches are needed, and not one, so the total of the mechanisms could be higher than the total of frames and fixing supports. In any case, there cannot be more frames than mechanisms.

For any further information, please do not hesitate to contact us. Our Sales Department provides with support for all your projects.

FRAME DIMENSIONS

CLASSIC COLLECTIONS & PROVENCE

BARCELONA, MADRID

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm

CLASSIC COLLECTIONS & PROVENCE

SAN SEBASTIAN, SEVILLA, TOLEDO

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm
	90 x 381 mm

TOSCANA COLLECTION

SIENA, FIRENZE, SMALTO, PALACE

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm

EMPORIO COLLECTION

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm
	90 x 381 mm

VINTAGE COLLECTION

TAPESTRY, WOOD, CORINTO, PORCELAIN

	100 x 100 mm
	100 x 172 mm
	100 x 246 mm
	100 x 317 mm

CRYSTAL DE LUXE COLLECTIONS

SAND, VELVET, DÉCOR

	90 x 112 mm
	90 x 185 mm

ART

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm

GRANADA COLLECTION

	90 x 90 mm
	90 x 160 mm
	90 x 235 mm
	90 x 305 mm
	90 x 381 mm

SANREMO COLLECTION

	90 x 110 mm
	90 x 183 mm
	90 x 255 mm
	90 x 328 mm
	90 x 400 mm

BELLE ÉPOQUE COLLECTION

METAL, TAPESTRY, WOOD, CORINTO, PORCELAIN

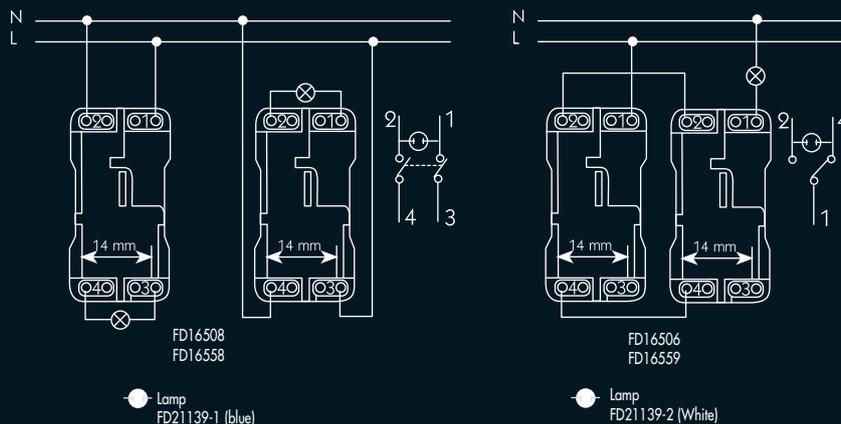
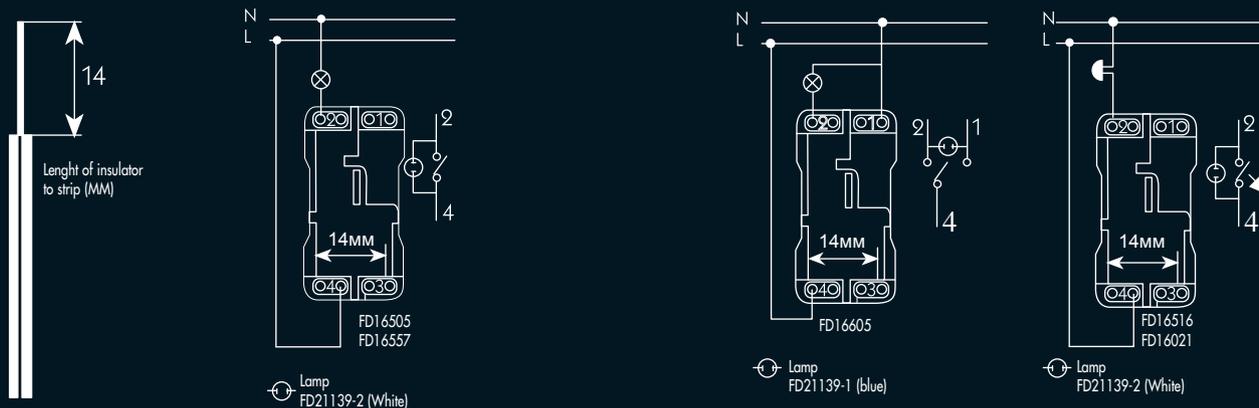
	105 x 105 mm
	105 x 178 mm
	105 x 250 mm
	105 x 323 mm
	105 x 396 mm

TECHNICAL DATA

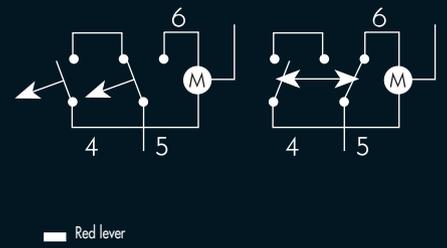
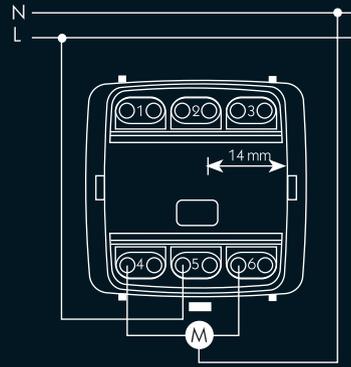
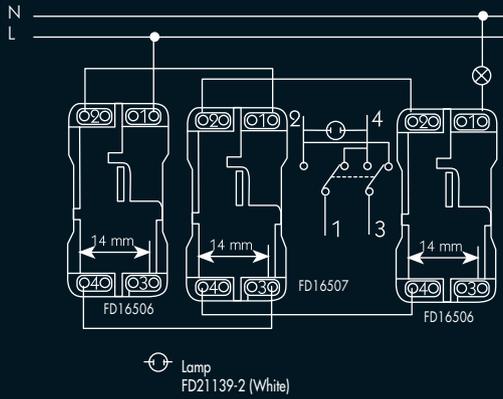
CIRCUIT DIAGRAMS	166
LIGHT DIMMER SWITCH	168
NEW ROTARY DIMMER	173
NIGHT LIGHT INDICATOR	174
THERMOSTATS	177
BATHROOM LIGHT SWITCH	186
INFRARED LIGHT SWITCH	187
INDIVIDUAL TOUCH LIGHT SWITCH	189
DOUBLE KEY TOUCH LIGHT SWITCH	190
TV SOCKETS MECHANISMS CONNECTION DIAGRAM	191

TECHNICAL DATA

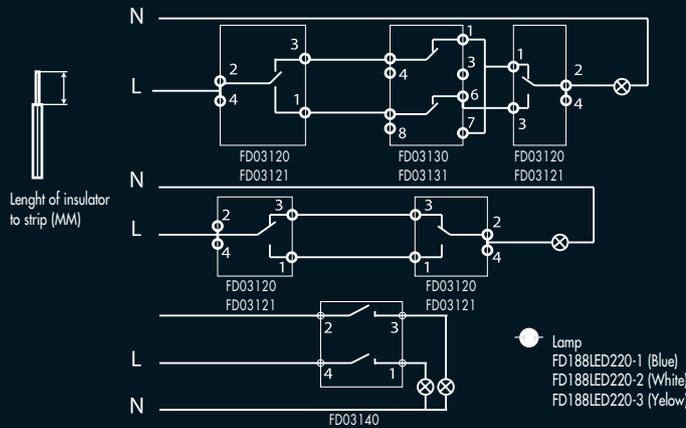
CIRCUIT DIAGRAMS



- FD16505 One-way SP switch
- FD16506 Two-way SP switch
- FD16507 Intermediate switch
- FD16508 One-way DP switch
- FD16516 Push button
- FD16021 Cord operated push-button
- FD16605 Control one-way SP switch
- FD17665 Double push button for blinds
- FD17669 Switch for blinds
- FD16557 16 A One-way SP switch
- FD16558 16 A One-way DP switch
- FD16559 16 A Two-way SP switch

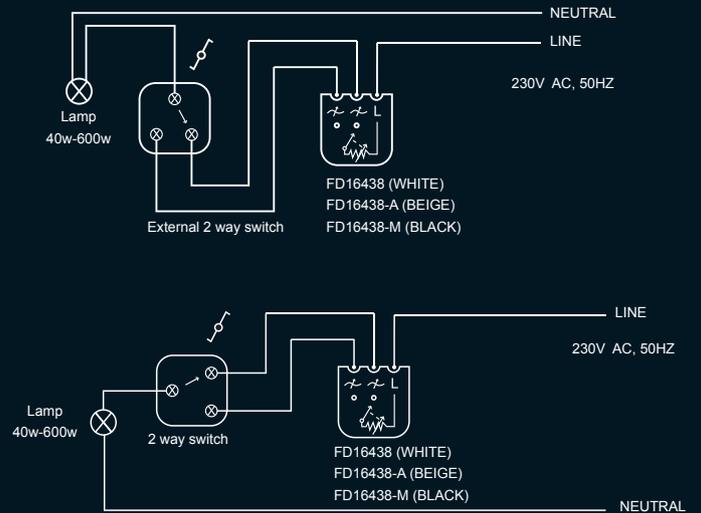


Rotary switches



- FD03110/ FD03111 One-way SP switch
- FD03120/ FD03121 Two-way SP switch
- FD03130/ FD03131 Intermediate switch
- FD03140 Double one-way SP switch

Rotary Dimmer

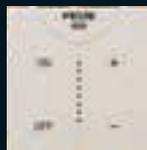


TECHNICAL DATA



LIGHT DIMMER SWITCH
WITH INTEGRATED INSTALATION SUPPORT
FD28605/FD28605-A/FD28605-M

FD28605 White
FD28605-A Beige
FD28605-M Black



NEW LIGHT DIMMER SWITCH
FD28625/FD28625-A/FD28625-M

FD28625 White
FD28625-A Beige
FD28625-M Black

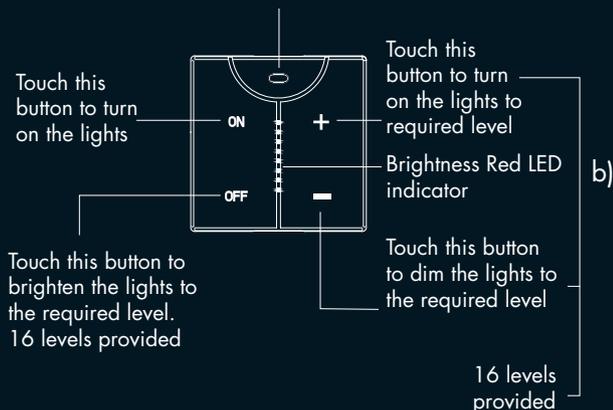
Specification

- 1) Operating power: 230 Vac \pm 10%, 50 ~ 60Hz
- 2) Output format: THYRISTOR
- 3) Load Types: Traditional Type, Tungsten Load
- 4) Output rating: Max. load 600W, Min. load 40W @230 Vac
- 5) Lighting strike surge protection
- 6) Voltage Compensation / power line
- 7) Electrostatic discharge protection
- 8) Overheating protection
- 9) Dimension: 90L x 90W x 40.5D mm

2. Operate FD28605 / FD28625 dimmer

2.1 Description to control panel

Blue Operating guiding indicator a)



a) When Blue operation guiding indicator is ON the all Red LED are OFF.

b) When Red LED indicators are ON the Blue operation guiding indicator is OFF.

2-2. Set/adjust the built-in extent Dimming Control

There is a simple control programme built into the unit that provides 3 preset levels of brightness 100%, 66% and 33%; along with 1 –hour delay-off timer which enable this unit to operate the extent and convenient dimming control of lamps in houses.

Connection using an external alternate switch for joint operation of the dimming control is also included.

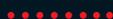
Detailed description of the operations and settings possible:

2-2-A. Set the brightness with delay-off timer.

A-1. Touch both the ON and + buttons and hold for 3 seconds.

A-2. All Red LED indicators will be flashing.

A-3. Release de buttons



A-4. All Red LED indicators will turn off.

This setting will result the unit to operate:
when touch the ON button, the dimmer will provide 100% output.

Touch the OFF button, the light will shut off.

Touch the + button, the dimmer will provide 66% output.

Touch the – button, the dimmer will provide 33% output and will automatic shut off after one hour.

2-2-B. Set the brightness without delay-off timer.

B-1. Touch both the ON an – buttons and hold for 3 seconds.

B-2. All Red LED indicators will be flashing.



B-3. Release the buttons.

B-4. All Red LED indicators will turn off.

This setting will result the unit to operate:

when touch the ON button, the dimmer will provide 100% output.

Touch the OFF button, the light will shut off.

Touch the + button, the dimmer will provide 66% output.

Touch the – button, the dimmer will provide 33% output.

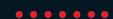
*2-2-A and 2-2-B will not coexist in operating the dimming control.

2-2-C. “Recall last Brightness level” when set Dimmer to operate and how to deactivate.

The unit’s conserves the last setting before switch off as the default setting, ie it will operate the dimmer at the last brightness setting before switch off. For convenience the unit also allows the user to set 100% brightness and deactivate the “recall last level brightness” as described below:

C-1. Touch both the OFF and + buttons and hold for 3 seconds.

C-2. All Red LED indicators will be flashing.



C-3. Release the button.

C-4. “Recall last Brightness level” has been deactivated.

2-2-D. “Typical rocker-switch” as external switch.

This unit is able to accept joint-operation for dimming control using another externally connected switch; both units can form an alternate-switching control mechanism for the same lamp. This unit is able to communicate with 2 different types of external switches: Touch on/off switch and Typical rocker switch.

The default setting in the unit is “Typical rocker-switch”.

Users can change it to “Touch on/off switch” when used as the external switch, following the procedure described below:

TECHNICAL DATA

- D-1. Touch both the OFF and – buttons and hold for 3 seconds.
- D-2. All Red LED indicators will be flashing. ●●●●●●●●
- D-3. Release the buttons.
- D-4. Start to operate alternate-switching with external "Touch on/off switch".

Remark:
This unit is able to include as many external touch on/off switches as required for joint-operation of the control of alternate-switching so long as they are located within a 50 meters radius from the location where the unit is mounted. (Wiring Graphic 3-2).

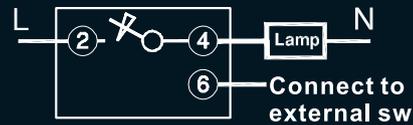
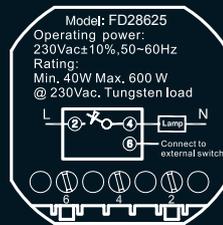
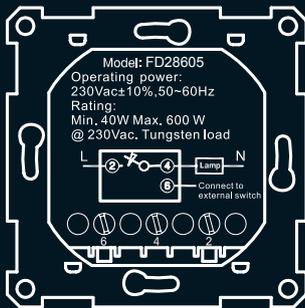
2-3. Resume default settings.

- 3-1. Touch both the ON and OFF buttons and hold for 3 seconds. ●●●●●●●●
- 3-2. All Red LED indicators will be flashing.
- 3-3. Release the buttons.
- 3-4. All Red LED indicators will turn off.
- 3-5. This unit has now resumed its defaults settings.

Default settings in the unit

- 2-2-A: Open
- 2-2-B: Open
- 2-2-C: Recall last brightness level has been preset.
- 2-2-D: "Typical rocker switch" external switch.

3. Wiring



3-1. Dimming control by the unit alone



Touch Dimmer FD16438 (WHITE)
FD16438-A (BEIGE)
FD16438-M (BLACK)

3-2. Dimming control with external Rocker-switch



Touch Dimmer FD28625 (белый) External touch (sensor) switch
FD28625-A (бежевый)
FD28625-M (черный)

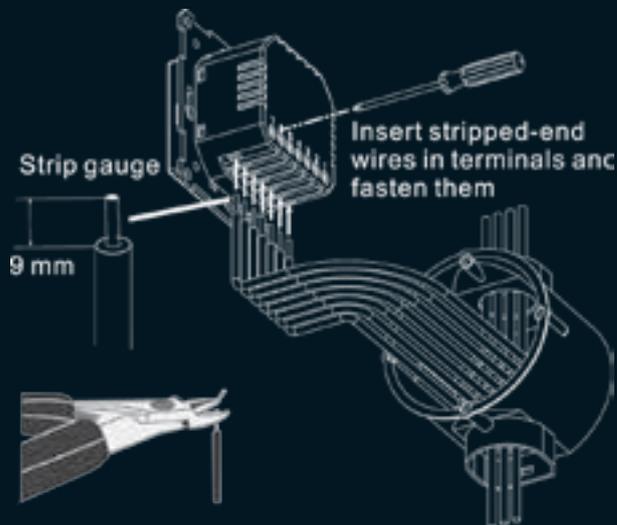
3-3. Dimming control with external Touch -on/off switch



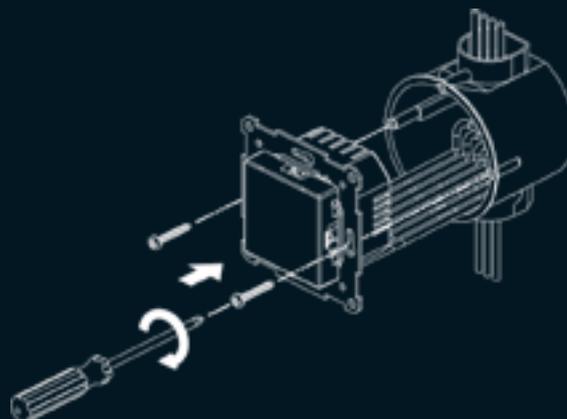
Touch Dimmer FD16438 (WHITE)
FD16438-A (BEIGE)
FD16438-M (BLACK)

4. Mount the Dimmer

4-1. Preparing and connecting electric wires.
Make sure the ends of electric wires from recessed conduit box are straight (cut if necessary).

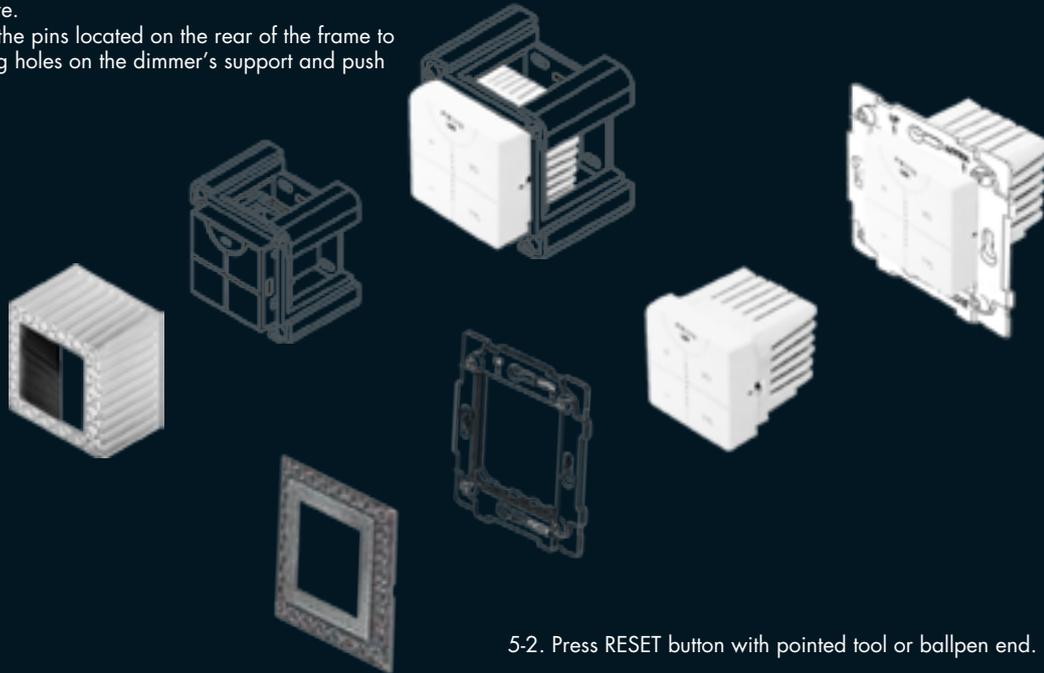


4-2. Push the excessive wires back into recessed conduit box and mount the base part of the unit with the provided fastening screws after wiring work completed.



TECHNICAL DATA

4-3. The brass frame is fixed on to the dimmer's mechanism by simple pressure. To do this, align the pins located on the rear of the frame to the corresponding holes on the dimmer's support and push firmly.



5-2. Press RESET button with pointed tool or ballpen end.

5. RESET function

Fail-safe mechanism for reset Dimmer in situations when the unit is in frozen(stagnant) status.

5-1. Take the metallic frame OUT the Dimmer.

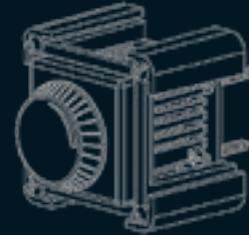
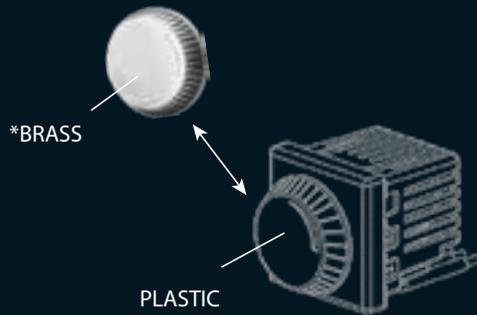


6. Content in package

Each packages box contains
Light dimmer switch..... 1
Instruction sheet 1



NEW ROTARY DIMMER FD16438/FD16438-A/FD16438-M



FD16438 Rotary Dimmer with Push on/off Introduction

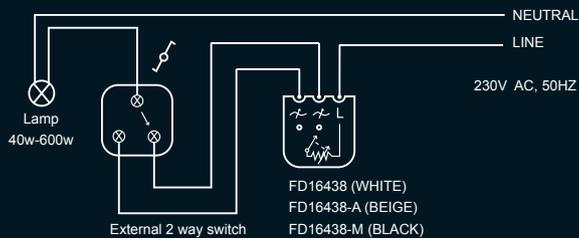
The Classic solid-state dimmer, rotate to adjust light level for the comfortable mood, or push to turn on/off.

Features & Specifications

- Large, easy-to-use knob
- Available in White, Beige or Black.
- Dimmer with Push on/off knob.
- For Incandescent/Halogen lamp used 500W maximal.
- Power source is rated at 230V AC, 50HZ.

Wiring diagram (see FD16438_Wiring)

- Single-pole wiring
- 3-way wiring



*For change plastic rotary handle for brass rotary handle, you have to just replace plastic one and put another type from brass

TECHNICAL DATA



NIGHT LIGHT INDICATOR FD28606/FD28607

This unit is designed for directional guiding in dim environments. They can be situated in rooms, stairways or at any required location in buildings.

Two separate styles are provided in Night Light Indicator

1. FD28606 White-Red colored LED selectable
2. FD28607 RGB color changeable LED

Very low power consumption electronics.

17 styles of self-adhesive front-panel stickers are available for option.

FD28606



Specifications and Features:

Input(Operate power): 200~240VAC, 50~60Hz
Jumper selector on the back to select White or Red colored LED for operation upon installation of the unit.
Default : WHITE LED



Power consumption: < 0.4W



FD28607



Specifications and Features:

Input(Operate power): 200~240VAC, 50~60Hz

Color changeable control keys is situated underneath the front pane, it's by omni-deirectional input-by-pressing design. Two separate color-change controls are provided in the unit;

1. Brightness level control— Press the front panel to obtain the required level. There are 4 brightness levels provided: High, Middle, Low and Off.

Default: High.

2. RGB color-changeable— Press and hold the front panel for 3 seconds. The 24 gradient color scale will cycle through the available colors changing every second. When the preferred scale of RGB color shows release the front panel to select.

RGB scales display sequence.

Default: YG(Yellow-Green).

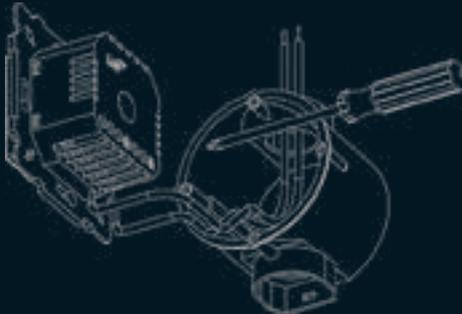
Power consumption: < 0.7W



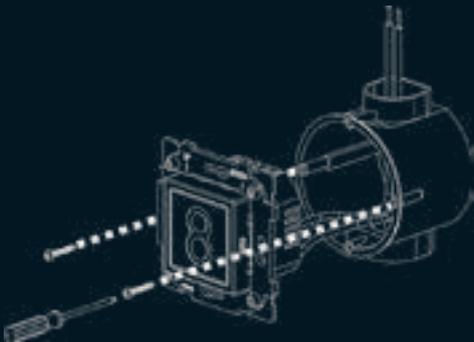
Wiring



Connect the unit to the mains supply using the terminals on the back of unit.



Mount the unit onto conduit box with fastening screws. As shown in graphic below.

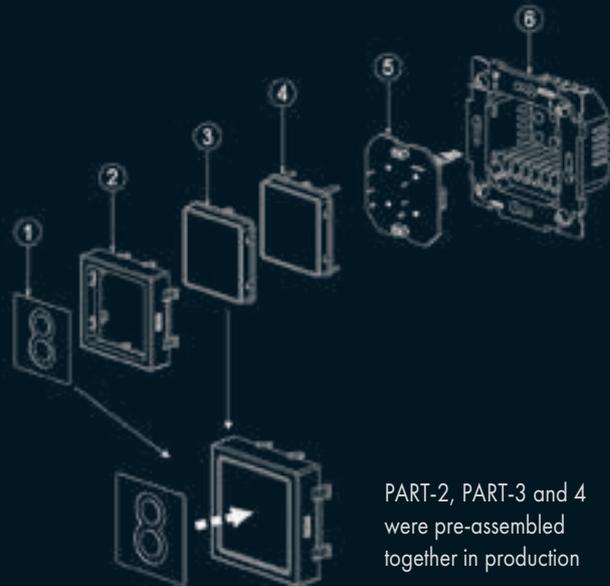


Content in package
Each packaging box contains:

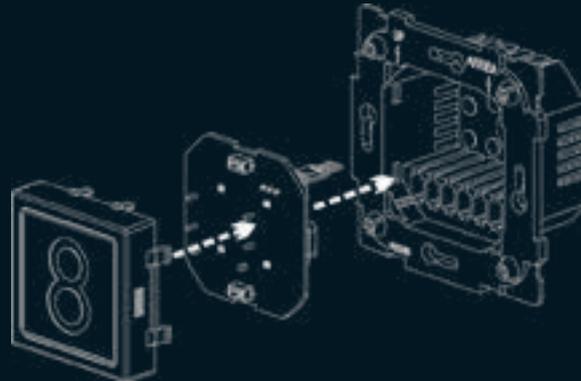
Night Light Indicator..... 1
Instruction sheet 1

3. Product descriptions

This unit comprises 6 separate parts.



Sticker(Part-1) is to be situated on top of part-2, 17 styles for option.



TECHNICAL DATA

Stickers for Night Light Indicator

FINISHES AVAILABLE

ALUMINIUM

FD28608-A, FD28609-A, FD28620-A, FD28621-A,
FD28622-A, FD28623-A

GOLD

FD28608-G, FD28609-G, FD28620-G, FD28621-G,
FD28622-G, FD28623-G



FD28608 FD28609 FD28610 FD28611



FD28612 FD28613 FD28614 FD28615



FD28616 FD28617 FD28618 FD28619



FD28620 FD28621 FD28622 FD28623 *FD28624

*For Aluminium (A), gold (G) and Black (B) finish for reference
FD28624, please add A, G or B at the end.

FD28624-A

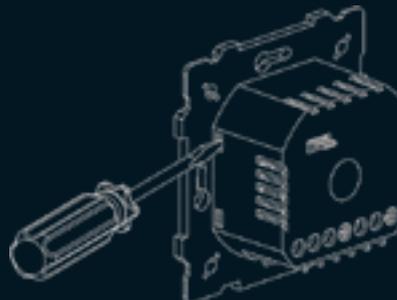
FD28624-G

FD28624-B

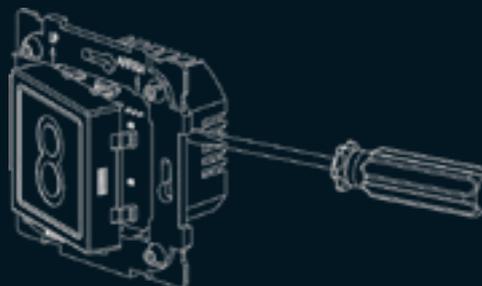
For customized stickers, please contact us.

In the case that you wish to replace the assembled top parts of the unit, follow the procedure indicated below.

First; Take the unit off the conduit box.

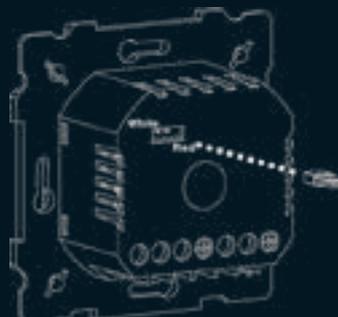


Insert a "flat-head" screw driver in the cavity which is shown in graphic above.



Tilt screw driver downward to detach top assembled part from the unit.

Jumper selector for choosing
White or Red LED for operation in FD28606





ELECTRONIC THERMOSTATS

FD18000/FD18000-A/FD18000-M

FD18001/FD18001-A/ FD18001-M

GENERAL INFORMATION - Introduction & Specification

Flush-Mount Heating/Floor Heating Thermostat
Introduction

The design of this flush-mount thermostat's plastic-housing is set to enable users to either install thermostat on wall in new-built-house.

Floor heating thermostat

FD18000 White

FD18000-A Beige

FD18000-M Black

Room heating thermostat:

FD18001 White

FD18001-A Beige

FD18001-M Black

Specification

1. Thermostat operate power: 230Vac \pm 10%, 50/60Hz.
2. Display: LCD digital display.
3. Circuitry power consumption: 7 VA
4. Output format : Volt output.
5. Output rating: 16(3)A / 250 Vac.
6. Temperature indication: Celsius ().
7. Temperature sampling rate: 1 minute.
8. Working mode:
Room-Temperature control or
Floor temperature control mode is selectable to users, by jumper-selector provided on the PCB.
9. Temperature display range: 0 ~ 60°C
10. Temperature control range: 5 ~ 45°C
11. Setpoint adjusting: 0.5°C/step.
12. Switching differential (Hysteresis):
4 selections available for choice.
13. Prevention of losing setting in power outage:
By non-volatile EEPROM, auto resume previous setting after power retrieved.

14. Temperature sensor: 100K at 25°C

15. Heating ON/OFF indicator: LED on front panel.

16. Alternating temperature indication between the setpoint and the actual sensed temperature.

(By pressing the button on the Panel)

17. Backlit: Color blue, 15 seconds Auto mode.



DANGER



Electric Shock Or Fire Hazard

READ ALL WIRE SIZING, VOLTAGE REQUIREMENT AND SAFETY DATA AVOID PROPERTY DAMAGE AND PERSONAL INJURY

INSTALLATION

Wiring & Choosing the heating control mode

Disconnect the main before wiring

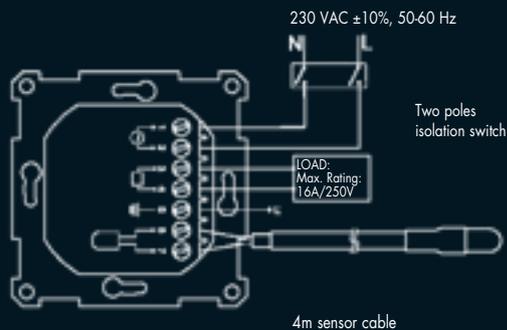
Wiring

Thermostat unit	1
Self-tapping screw 5- 3/4"	2
Plastic anchor \varnothing 9 mm x 25 mm.....	2
Machine screw #3 x 20 mm	2
Instruction sheet	1
Mounting brackets	3
Floor Sensor	4-meter

The assisting tools may require for installation:

- . Hammer
- . Masking tape
- . Screw driver
- . Drill and Drill bit (if not installed on a junction box)

Connect the unit using the terminals located on the back taking care to follow the wiring diagram indicated below.



Warning: Wiring work can be dangerous !
Please consult with qualified electrician or contractor.



TECHNICAL DATA

SETTING THE THERMOSTAT

Internal settings & dismantling the panel.

3 minutes Shortest cycle rate protection

Pressing both  and  to enter selecting mode.

Pressing  or  to select between:

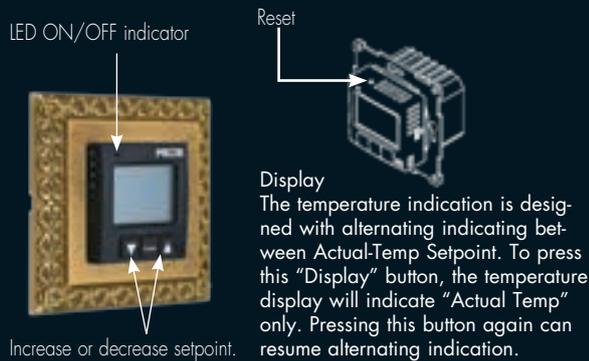
1. SHC mode--protection Disabled.
2. HP mode--protection Enabled.

Default setting: SHC.

Reminder:

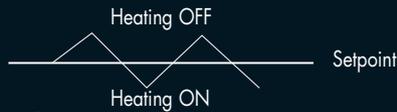
Ignore the in-built self-diagnosis programs "H-F".

Descriptions for functional keys on front panel.



Switching differential(Hysteresis)selection

This thermostat was produced with asymmetric switching differential design, 4 selections are provided for choice. Detailed descriptions, as follows;



The required value

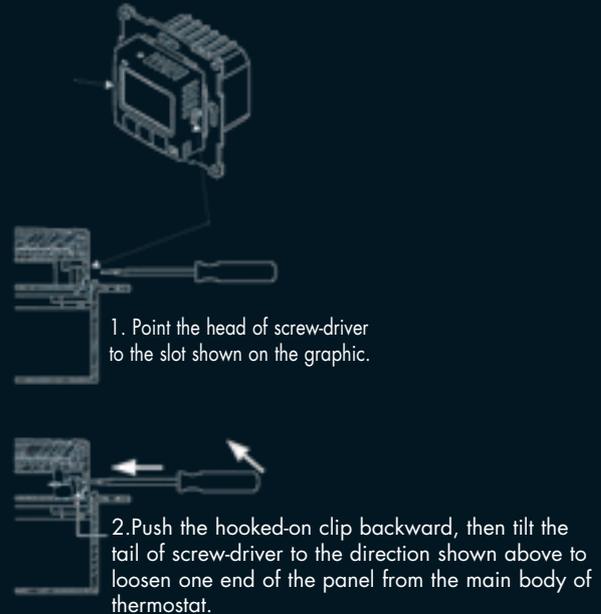
0.5	1.0	1.5	2.0
-----	-----	-----	-----

OFF Setpoint +0.3 +0.5 +0.7 +1.0 °C

ON Setpoint -0.3 -0.5 -0.5 -0.5 °C

DO NOT dismantle the panel or the circuitry underneath the panel may be damaged. If it is absolutely necessary to dismantle the panel for your application, be certain to follow the instructions below to avoid damaging the thermostat.

*Requires a flat-head screw-driver as assisting tool





MULTI-FUNCTION THERMOSTAT FD18004/FD18004-A/ FD18004-M

The unit will automatically determine the required operation mode by detecting what temperature sensors were connected to this unit after reset of upon the first time use of thermostat.

FD18004 White
FD18004-M Black
FD18004-A Beige

The three operation modes provided by the unit are:

1. Room thermostat— Room sensor controls heating operation.
2. Floor thermostat—Room sensor disabled, floorsensor cable connected to the unit.
3. Room+ Floor temperature limitation thermostat —Room sensor remains the primary control to thermostat, Floor temperature sensor functions as floor-temperature limitation.

E.g.

If Room sensor JUMPER is enabled, floor-sensor cable is NOT connected; this unit will operate as a room thermostat.

If Room sensor JUMPER is disabled, floor-sensor cable is connected; this unit will operate as floor-sensor control thermostat(flor thermostat).

If both room-sensor and floor-sensor cable are connected to the unit, it will operate as a Room-temperatre-control + Floor limitation thermostat.

(Room+ Floor temperature limitation thermostat)

Display on LCD to indicate respective operation modes
There are 3 operation modes:

A. Room mode-- Room sensor controls
Display on LCD will show room-mode symbol.
(Room sensor is positioned inside the thermostat)
Room sensor must be enable



B. Floor mode (Floor heating) -- Floor sensor controls
Display on LCD will show.



Room sensor must be disabled

C. Room + Floor limitation(Floor heating)
Room sensor controls on/off with
Floor sensor controls floor temperature limitation.
Display on LCD will show

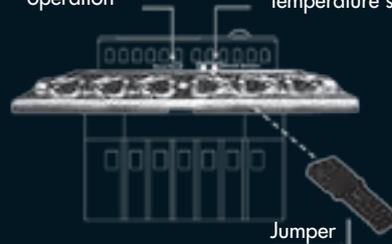


Room Sensor must be enabled and floor-sensor must be connected

Select the required operation mode

Press Reset before starting operation

Enable or disable the room temperature sensor



Floor Sensor



Connect the floor-sensor cable to the unit from terminals #6 and #7 which are situated on the back of thermostat.

TECHNICAL DATA

Choosing correct location for the thermostat



The thermostat should be located in the room where the heating is to be controlled, except in case of floor heating only.

The place of installation should be chosen so that the sensors can measure the room temperature as accurately as possible, without being affected by direct solar radiation or other heating or cooling sources.

The mounting height should be approximate 1.5 meters above the floor.

The unit can be fitted to most commercially available recessed conduit boxes or directly on the wall.

Specification

1. Operate power : 230±10% Vac. 50~60Hz
2. Display: LCD digital display
3. Output: Volt output , Rating 16Amp/250Vac
4. Circuitry consumption: 8VA
5. Temperature indication: °C or °F selectable to users Default setting:
6. Temperature control range: Room: 5 ~ 35°C (40 ~ 95°F)
Floor: 5 ~ 45°C (40 ~ 113°F)
7. Temperature display range: -10 ~ 50°C (14 ~ 122°F), accuracy ± 0.1°C (0.2°F) *no decimal indicator above 100°F
8. COMFORT  & ECONOMY  setpoint adjustment range:
Room mode: Range 5 ~ 35°C (40 ~ 95°F) default Heat 21°C (70°F)
 Floor mode & Room+Floor-Limitation mode:
Range 5~ 45°C (40 ~ 113°F) default Floor-mode: 26°C (78°F)
Room+Floor-Limitation mode: 21°C (70°F) (Room Temp. performs the priority commands)
Room mode: Range 5 ~ 35°C (40 ~ 95°F) default Heat 16°C (60°F)
 Floor mode & Room+Floor-Limitation mode:
Range 5~45°C (40 ~ 113°F) default Floor-mode: 21°C (70°F)
Room+Floor-Limitation mode: 16°C (60°F) (Room Temp. performs the priority commands)

9. Floor temperature limitation adjustment range:

For Floor mode & Room+Floor-limitation only:

High Limit.: 20 ~ 45°C (68 ~ 113°F) default 29°C (85°F)

Lo Limit.: 5 ~ 20°C (40 ~ 68°F) default 15°C (59°F)

*In floor-mode, Lo Limit. Performs as low-temperature protection, Hi-Limit. Functions as floor-temp. limitation.

*In Room+Floor Limitation mode, only Hi-Limit. Effects.

10. Temperature sensor : NTC 10K Ohm at 25°C

11. Switching differential (Hysteresis) selectable to users

Room & Room+Floor-Limit. mode : 0.2/0.4/0.6/ 0.8 /1°C

~ 0.4/0.8/1.2/1.6/2 °F , default 0.4°C/0.8°F

Floor mode only: 0.6°C/ 1°C/2°C /3°C ~ 1.2°F/2°F/4°F/6°F, default 1°C/2.0 °F



12. Floor-limitation switching differential: 2.0 °C (4.0 °F) prefixed, not adjustable.

In Room+Floor Limit mode, after floor temperature reached floor-limit. Setpoint, heating system ON/OFF shall perform as graphic descriptions below, before users change the setpoint.



13. Frost protection: Prefixed, not adjustable to users. Effects when thermostat is OFF by Stand-by  mode.

Room mode & Room+floor limit. Mode 5°C (40 °F). Floor mode 10°C (50°F)

14. Storage temperature : -10 ~ 60°C.

15. Dimension: According to FEDE frames.

Manual Temperature Setting & Internal Setting Adjustment # 1



Room Thermostat - Room sensor controls

Press both the **+** and **-** for 5 seconds to enter setting mode. Follow procedure below to set/adjust settings.

1. Press **+** or **-** to select °C or °F
2. Press **⏻** for next adjustment, the COMFORT  default value.
3. Press **+** or **-** to select the required setpoint for COMFORT.
4. Press again the **⏻**, to choose the required ECONOMY  default value .
5. Press **+** or **-** to select the required setpoint for ECONOMY.
6. Press **⏻** for next adjustment, the Switching Differential(Hysteresis).
7. Press **+** or **-** to select the required switching differential (5 selections).
8. When adjustments has been completed, press again the **⏻** button and start to operate.

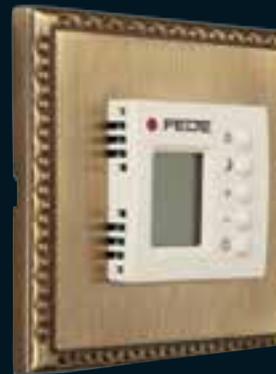
Floor Thermostat - Floor sensor controls

Press both the **+** and **-** for 5 seconds to enter setting mode. Follow procedure below to set/adjust settings

1. Press **+** or **-** to select °C or °F
2. Press **⏻** for next adjustment, the " Hi Limit" default value. (Heating will shut off when temperature reaches Hi Limit)
3. Press **+** or **-** to select the required setpoint for Hi Limit .
4. Press again the **⏻**, to choose desired " Lo Limit" default value. (Heating will automatic activate temperature reaches LO Limit)
5. Press **+** or **-** to select the required setpoint for "Lo Limit".
6. Press **⏻** for next adjustment, the COMFORT  floor temperature setpoint.
7. Press **+** or **-** to choose the required COMFORT floor temperature setpoint.
8. Press again the **⏻** button for next adjustment, the ECONOMY  floor temperature setpoint.
9. Press **+** or **-** to choose the required ECONOMY floor temperature setpoint.
10. Press the **⏻** to choose the required switching differential(Hysteresis).
11. Press **+** or **-** to select the required switching differential (4 selections).
12. When adjustments has been completed, press again the **⏻** button and start to operate.

Reminder

In Floor Thermostat, COMFORT setpoint cannot be set above "Hi Limit", ECONOMY setpoint cannot be set lower than "Lo Limit".



TECHNICAL DATA

Manual Temperature Setting & Internal Setting Adjustment # 2

Room + Floor limitation Thermostat
Room sensor & Floor sensor joint control

Press both the and for 5 seconds to enter setting mode. Follow procedure below to set/adjust settings.

1. Press or to select °C or °F
2. Press for next adjustment, the COMFORT room temperature setpoint.
3. Press or to select the required temperature setpoint for COMFORT.
4. Press for next adjustment, the ECONOMY room temperature setpoint.
5. Press or to choose the required ECONOMY room temperature setpoint.
6. Press again the for next adjustment, the "Hi Limit" floor temperature limitation. (Heating will shut off when floor temperature reaches "Hi Limit")
7. Press or to choose the required "floor temperature limitation setpoint for "Hi Limit".
8. Press the to choose the required switching differential (Hysteresis).
9. Press or to select the required switching differential (5 selections).
10. Once all adjustment are completed, press again the button and start to operate.

Reminder

In Room+Floor-Limitation Thermostat, COMFORT setpoint cannot be set above "Hi Limit".

Manual temperature setting

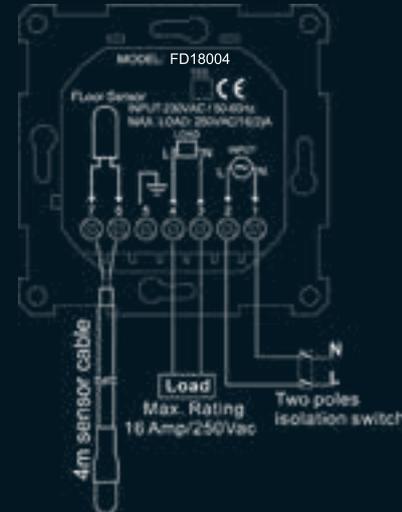
Users can conveniently increase or decrease temperature setpoint by pressing or buttons while the thermostat is operating.

The Symbol will appear on the LCD while thermostat is operating in Override mode.

This manual change of the temperature setpoint will not alter Comfort or Economy settings.

Wiring

Connect the unit using the terminals situated at the back of thermostat. Be certain to follow the wiring instruction shown.



- Warning: Wiring work can be dangerous !
- Please consult with qualified electrician or contractor





UNIVERSAL THERMOSTATS FD-18002/FD-18003

GENERAL INFORMATION - Introduction & Specification

FD18002 & 18003 Programmable thermostat (Heating & Floor-heating)

Introduction

This Surface-mount programmable thermostat can be used for:

- 1.Room-temperature-control thermostat (The room-sensor controls the heating.)
- 2.Floor-temperature-control thermostat (The floor-sensor controls the heating, the room-sensor for room temperature indication).

The thermostat will automatically choose the operation mode. When both room-sensor and floor-sensor are connected to thermostat, it will operate the mode of Floor-temperature-control thermostat if only the room-sensor is connected, it will operate the mode of Room-temperature-control thermostat, Its programming design is to operate the temperature-control with two setpoints (Economy & Comfort) and to spread one day into 48 programming zones. Users can select the required setpoint to operate the temperature-control in each of the programming-zone of a day and any day of the week.

A switch (ON/OFF) is built on the front panel to enable users to manually turn the unit ON or OFF.

5°C Anti-frost protection will be automatically activated after the thermostat is manually turned off.

Specification

- 1.Operate power: 1.5V AA Battery * 2 pieces
- 2.Battery life: 1 year typical
- 3.Temperature reading: °C only
- 4.Clock format: 24H (military) only
- 5.Temperature Sampling Rate: 1 Min.
- 6.Switching Differential: 0.5°C
- 7.Temperature control range: 5~35°C
- 8.Temperature display range: 0~50°C
- 9.Temperature setting : 1.0 °C / step
- 10.Programming feature: Two temperature settings, Comfort (☀) & Economy (🌙). in the thermostat unit, the 7 days of week can be programmed separately. To split 24 hours into 48 programming zones.

- 11.Non volatile EEPROM ensure no program/setting loss.
- 12.Room sensor : NTC 10K Ω at 25°C
- 13.Floor sensor cable : NTC 10K Ω at 25 °C, 4 meters long
- 14.Maunally turns ON or OFF the thermostat's operating (☀).
- 15.Anti-frost protection at 5°C (effects only the thermostat is manually turned off)
- 16.Surface-mount.
- 17.Dimension: 132 H x 86 W x 28 D mm

INSTALLATION

1.Open the thermostat 2. Battery replacement 3.Choosing location for installing the thermostat

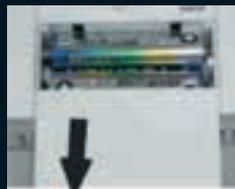
Open the plastic housing is required for installation (Flat-head & "+" head" are required as assisting tools)

How to open top housing

Fitting/Replacing the Battery



1. Using hands to take off the front CAP.
2. To slacken the fastening screw with "+" head" screw-driver.
3. Insert the flat-head screw-driver at position shown in picture.
4. Tilt it to the direction as shown in picture to separate the top housing from the bottom housing.



The Battery compartment is situated underneath the front "CAP". Slide the cover off the battery-compartment for battery replacement. Requires 2 pieces of AA 1.5V Alkaline battery.

Choosing correct location for the thermostat

For obtaining thermostat's best performance upon using, recommend user to follow up with precaution listed below.

- (1). Place thermostat on wall inside the room approximate 1.5 meters above floor.
- (2). Avoid position where temperature sensing easily interfered by ambience, such as, directly exposed to Sun-Light, too near to any Heat-Generate devices /refrigerator, right next to entrance/exit/window, etc.



- (3). Prevent thermostat from installed at position that furniture may interfere

air-flow, stagnant air-flow location is not suitable for installing thermostat.

(4). Keep thermostat away from high humid ambience, high humidity is hazardous to thermostat's operational duration.

(5). It's crucial, before installing thermostat, make sure house renovation is finished, no tacky painting/plaster is right on thermostat's installing position.

(6). To level thermostat prior to installation is not necessary.

(7). Push excess cable wires back into the wall while positioning thermostat. If there is a draft, pack the opening with non-combustible material.

(8). Place batteries in thermostat requiring batteries, observing "+" and "-" positions.

Content in package

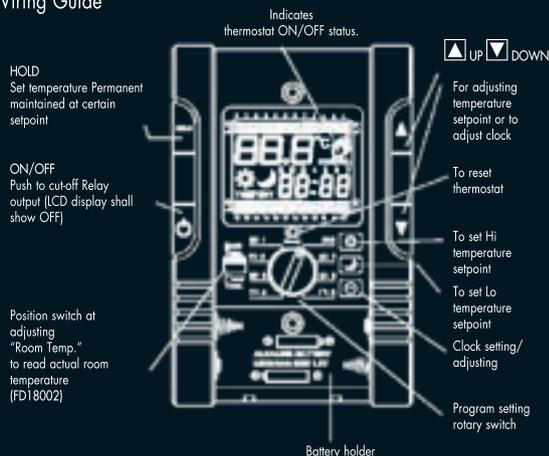


FD18002/FD18003

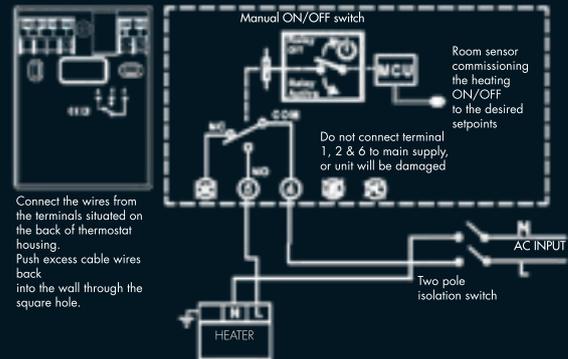
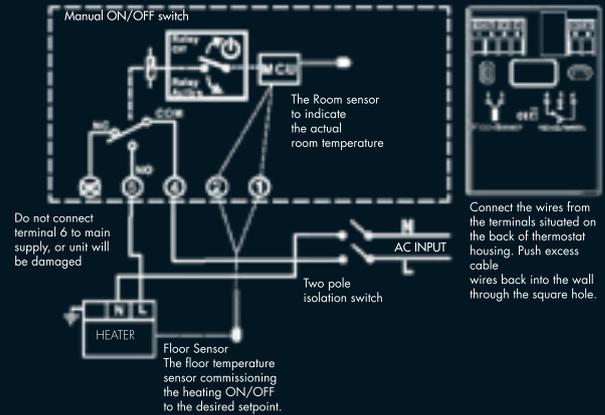
1. Thermostat x 1 unit
2. Instruction sheet x 1 set
3. Alkaline AA x 2 pieces
4. Anchor 9 25 x 6 mm x 2 pieces
5. Self tapping screw M3.5 25x6.8 mm x 2 pieces
6. Self tapping screw M3 19x5.3 mm x 2 pieces
7. Machine screw #6-32T 3/4" x 1 pieces
8. Machine screw #6 32T 1-1/2" x 1 pieces

Product descriptions

Wiring Guide



FD18002/FD18003 Contact Rating: 16 (3,5) A/250 V



1. Rotary switch pointed to "RUN".
2. Press to enter clock adjusting.
3. Press to select the accurate day of week.
4. Press again to enter setting the hour of day.
5. Press to adjust.
6. Repeat procedure of pressing and to complete setting the minute.
7. Wait 8 seconds, the thermostat will automatically retain Setting/ Adjusting the clock before programming the thermostat the clock time setting and start to operate.



(Setting the Clock prior to programming thermostat)

A. To adjust and Temperature setting.

1. Rotary switch pointed to RUN.



2. Press to enter temperature Hi setpoint. Press to enter temperature Lo setpoint.

3. Press or again, LCD display begins flashing.

4. Press or to adjust Hi & Lo setpoint respectively.

5. Wait 5 seconds after temperature adjustment finished, thermostat shall memorize setting and return to main page.

*This thermostat commands heating-system to operate with two temperatures setting only, each of 7-day is spread into 48 independent time-scale, users can select length of time by own preference, to coordinate with and temperature setting, for the coziest room temperature.

B. To set and temperature setting for each independent time-schedule in a day.

*Spin indicator on rotary switch to the desired day of week and start setting. (Wednesday chosen for graphic example)

If the rotary-switch is left in anything but the "START" position for one minute, the thermostat will default to "Error" and it will shut off the relay.

A symbol of "Err" will appear on the LCD (as figure below).

Spin rotary switch back to "START" and restart programming.



1. Rotary switch pointed To the desired day of week.



2. LCD display shall show

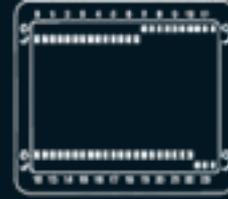
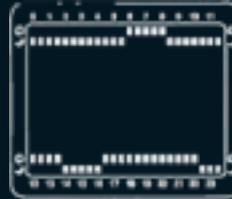


3. Press or to alter setting between and on LCD display.

4. Press or to select each individual time-schedule, LCD display shall also indicate each time-schedule by flashing symboe, to guide users.

5. After finished setting all 7-day of week, spin rotary switch back to "RUN". Thermostat will start to operate.

Factory preset (default value) =21°C, = 16 °C



C. HOLD (Permanent override)

1. Rotary switch pointed to RUN.



2. Press to enter this permanent override mode, LCD shall display "Temp Set" "Hold".

3. Press or to adjust temperature setting.

4. LCD display shall be flashing for approximate 8 second after temperature setting finished, and skip to indicate ambient temperature after flashing has stopped. Thermostat starts to execute Permanent-Override function.

5. Press again , will stop "HOLD" operating mode, thermostat will resume operating the programs(Auto).

D. Manual (Temporary Override)

1. Rotary switch pointed to RUN.



2. Press or , LCD display shall indicate current, or temperature setpoint.

3. Press again or to change the temperature setpoint.

4. LCD display will flash for approximate 8 second after the change of setpoint is finished, and skip to main page of LCD-display after flashing has stopped. Thermostat starts to execute "MANUAL" function.

When in Comfort while setting the "MANUAL"function the thermostat will maintain executing "MANUAL" until the programs runs to Economy .

The same is true in Economy .

The and icons will disappear from the LCD at the section of time the MANUAL mode is operating.

5. Spin switch away from "RUN" and spin it back to "RUN". Will stop the "MANUAL" operating mode.



TECHNICAL DATA



BATHROOM LIGHT SWITCH FD28603/FD28603-A/FD28603-M

This controller integrates multiple functions in one unit, it is designed as a replacement for the bathroom fan and light switch. By using a microprocessor to control fan delay-off operation.

The function of Delay Timer provides users an additional run-time of the Fan to complete ventilating the bathroom after use.

Touch sensor integrated in the unit to conveniently switch light/fan on or off manually.

Build-in LED indicator situated underneath the front panel, projects through the front panel to indicate the operation status, the included BUZZER and easy-to-read display on the front panel ensures zero-error operation.

Specification

1. Operating power : 230±10%, 50~60 Hz
2. Output format : Volt output, 4 wires connection.
3. Output rating :
 - Max. Fan : 150 watts @ 250Vac
 - Max. Light : 800 watts @ 250Vac
4. Lightning strike surge protection.
5. Voltage Compensation / power line.
6. Electrostatic discharge protection.
7. Delay-timer operational duration:
 - Adjustable, ranges from 0 to 90 seconds in mode, 0 to 90 minutes in both and modes

Default Settings in each of 3 operation modes :

Hand wash = Fan 10 Sec. Delay off

Shower = Fan 30 Min. Delay off

Toilette = Fan 10 Min. Delay off

8. Buzzer :

- 1) Buzz upon pressing any key on the front control panel.
- 2) Automatic buzz two times when the delay-off operation stops.

9. Backlight : Constant lit on.
10. Manual stop delay-timer operation. Bathroom Fan /Light Switch / Fan Delay Timer Controller
11. ON/Off status LED indicators in both the Light and Exhaust Fan.
12. Mounting : 60 mm Flush mount.

Product description

Touch sensors are built underneath the control keys, press the required key to operate turning on/off the light in bathroom and delay-off the exhaust fan.

Press to turn on the light and exhaust fan before entering bathroom.
Press again to immediately turn off the light and set fan delayed off by the required operational mode after use of bathroom.



Press to manually turn on /off the exhaust fan.



Reset

LED ON/OFF status indicators are built underneath the front control panel.

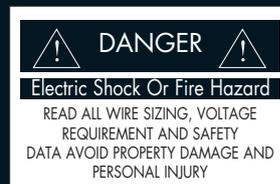
Operation guide

1. Do not connect this unit to aluminum wire. Use with copper or copper clad wire.
2. Turn off the main before wiring.
3. Remove BEZEL and existing switch from recessed conduit box if there is one already installed, or using any of the provided mounting brackets to install the controller.
4. Connect the wires in the recessed conduit box, make sure no bare copper is exposed. Secure connections with electrical tape.
5. Mount this unit to the recessed conduit box.
6. Set the required DELAY time for all 3 DELAY-timer's operating respectively.
7. Turn on the main supply and start to use.

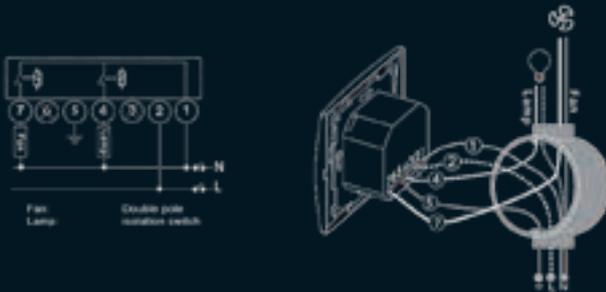
Content in package

Controller unit.....	1
Self-tapping screw 4.6 x 24.5 mm.....	2
Plastic anchor ø9 mm x 25 mm.....	2
Machine screw #3 x 20 mm.....	2
Instruction sheet.....	1

Wiring



Disconnect the main before wiring



INFRARED LIGHT SWITCH FD28604/FD28604-A/FD28604-M

Set/Adjust DELAY timer (Fan delay off time)

1. Press and hold for 5 seconds to enter setting mode.
2. Will be shown on the LCD.
3. Press to increase the required delay-off time or press to decrease the required delay-off time.
4. Follows the same procedure to adjust/set and .
5. After settings has been completed, wait 1.5 seconds, the unit will automatic retain settings and start to operate.

Resume default settings

1. Switches off both the light and exhaust fan and then press key and hold for 5 seconds,
2. Will be shown on the LCD, release the key.
3. This unit has now resumed its default settings.

When delay timer is in operation,
press will immediate stop the
delay off operating.

- . Replaces a regular wall switch and automatically turns lights on when someone enters a room.
- . Increases energy savings by automatically turning lights off after only momentary occupancy.
- . Integrated Light-Dependent-Resistor prevents lights from turning on when the room has adequate natural light.
- . Combination of PIR and light-level detection technology provide excellent lighting control reliability.
- . Slide-selector provided for conveniently switching light on/ off manually or to enable PIR/CDS to automatically operate.

Compatibility

The FD28604 PIR/CDS Light Switch is compatible with incandescent lamps, electronic and magnetic low-voltage ballasts, electronic and magnetic ballasts.

Enhanced Adjustment Options

Time: The delay off time settings is available, 2 settings are provided;

1st set : ranges from 10 seconds to 5 minutes.

2nd set : 5 minutes to 2 hours.

Light: This unit is factory preset with ambient light override in effect. The unit will switch lights ON when it detects occupancy under the situation of the amount of natural sunlight is below the level preset in the CDS. This is to maximize energy savings in some installations, the ambient light override feature will prevent the unit from switching lights ON when there is ample natural sunlight, regardless of occupancy. This adjustment should be made when the ambient light is at the level where no artificial light is needed.

Specification

1. Operating voltage : 230±10% Vac, 50~60Hz.

2. Output rating : 800 W / VA

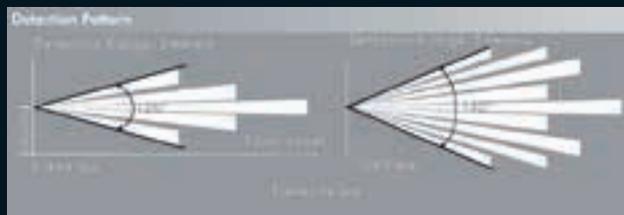
3. Switch type : Single pole.

4. Technology : PIR (Detects human body heat) / CDS (Light-Dependent Resistors)

5. Pattern degrees : Horizontal 140° ,Vertical 126°

6. Effective detection distance : 5 meters from PIR sensor.

TECHNICAL DATA



7. Delay-off Timer : Adjustable, ranges from 10 seconds to 5 minutes. Default setting 5 minutes.

8. Ambient light level detection : Adjustable, ranges from 10 to 100 Lux. Default setting 100 Lux.

9. Slide selector to manually switch light on or off.

10. Dimension : 84 W x 84 H x 40.5 D mm.

Operation guide

1. Do not connect this unit to aluminum wire. Use with copper or copper clad wire.
2. Turn off the main before wiring.
3. Remove BEZEL and existing switch from recessed conduit box if there is one already installed.
4. Connect the wires in the recessed conduit box, make sure no bare copper is exposed. Secure connections with electrical tape.
5. Mount this unit to the recessed conduit box.
6. Adjust the Delayed-off-time and Ambient-light-level-detection if required.
7. Turn on the main supply and start to use.

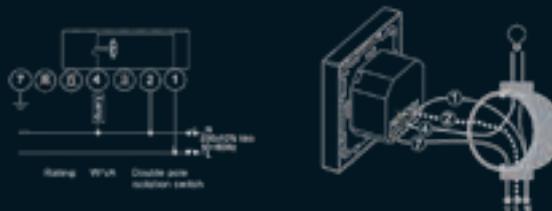
The content of each packaging box contains:

Light Switch	1
Self-tapping screw 4,6 x 24,5 mm	2
Plastic anchor ø9 mm x 25 mm.....	2
Machine screw #3 x 20 mm.....	2
Instruction sheet	1

Wiring



Disconnect the mains before wiring

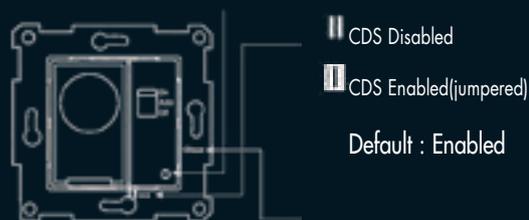


Slide selector
ON- Light manually switched on.
Auto- PIR/CDS in effects.
OFF- Light manually switched off.

Delay off Timer



Ambient light level



Reset key
Situated on the side
lower the front panel





INDIVIDUAL TOUCH LIGHT SWITCH FD28601/ FD28601-A/ FD28601-M

This stylish unit is produced with touch-sensor technology, easy soft touch to switch lights on/off at home. Output by electro-mechanical relay is integrated to ensure high reliability in operation.

Specification

1. Operating voltage : 230 ±10% Vac, 50~60Hz.
2. Output : By electro-mechanical Relay, volt output
3. Relay durability : 100,000 operations.
4. Out put rating : 600 Watts/VA, any type of lamp.
5. Circuitry consumption : 1 VA.
6. Technology : Touch sensor.
7. Lighting strike protection.
8. Electrostatic discharge protection.
9. Operation status indicator : LED projects underneath the front panel.
10. Mounting : 60 mm flush-mount.

Operation guide

1. Do not connect this unit to aluminum wire. Use with copper or copper clad wire.
2. Turn off the main before wiring.
3. Remove BEZEL and existing switch from recessed conduit box if there is one already installed.
4. Connect the wires in the recessed conduit box, make sure no bare copper is exposed. Secure connections with electrical tape.
5. Mount this unit to the recessed conduit box.
6. Turn on the main supply and start to use.

Each packaging box contains:

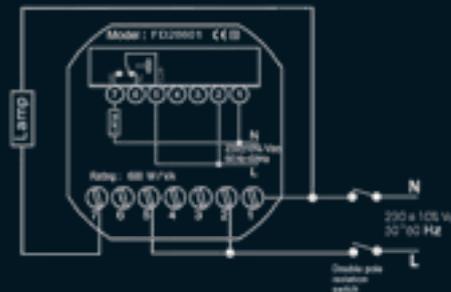
Light switch.....	1
Plastic anchor ø9 mm x 25 mm.....	2
Self-tapping screw 4.6 x 24.5 mm.....	2
Machine screw #3 x 20 mm.....	2
Instruction sheet.....	1

Wiring



Disconnect the main before wiring
Refers to the graphic description below to Connect the unit to the main supply

Control over one lamp with this unit



Examples of extent application

2-way manual alternative switch operation –with 1 unit of FD28601 and 1 typical wall switch



TECHNICAL DATA



DOUBLE KEY TOUCH LIGHT SWITCH FD28602/ FD28602-A/FD28602-M

This stylish unit is produced with touch-sensor technology, easy soft touch to switch lights on/off at home. Output by electro-mechanical relay is integrated to ensure high reliability of operation. Exquisite electronic design of building a 2-channel (2-gangs) lighting control in a compact front panel.

Specification

1. Operating voltage : 230 ±10% Vac, 50~60Hz.
2. Output : 2 sets of Relay output to control 2 separate lamps.
3. Relay durability : 100,000 operations.
4. Output rating : Lamp 1- 600 Watts/VA, any type of light.
Lamp 2- 600 Watts/VA, any type of light.
5. Circuitry consumption : 1 VA.
6. Technology : Touch sensor.
7. Lighting strike protection.
8. Electrostatic discharge protection.
9. Operation status indicator : LED projects underneath the front panel.
10. Mounting : 60 mm flush mount.

Operation guide

1. Do not connect this unit to aluminum wire. Use with copper or copper clad wire.
2. Turn off the main before wiring.
3. Remove BEZEL and existing switch from recessed conduit box if there is one already installed.
4. Connect the wires in the recessed conduit box, make sure no bare copper is exposed. Secure connections with electrical tape.
5. Mount this unit to the recessed conduit box.
6. Turn on the main supply and start to use.

Each packaging box contains:

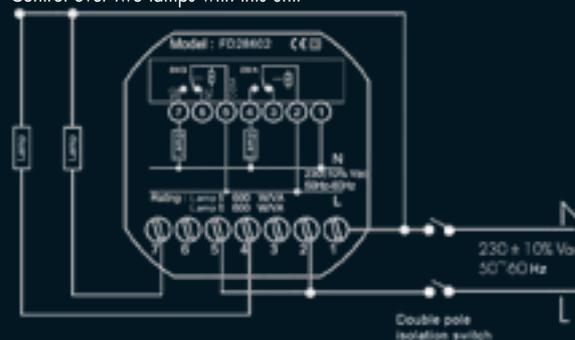
- Light switch.....1
- Plastic anchor ø9 mm x 25 mm.....2
- Self-tapping screw 4.6 x 24.5 mm.....2
- Machine screw #3 x 20 mm.....2
- Instruction sheet.....1

Wiring



Disconnect the main before wiring
Refers to the graphic description below to Connect the unit to the main supply

Control over two lamps with this unit



Examples of extent application

2-way manual alternative switch operation –With 2 units of FD28602



2-way manual alternative switch operation –With 1 unit of FD28602 and 1 typical wall switch

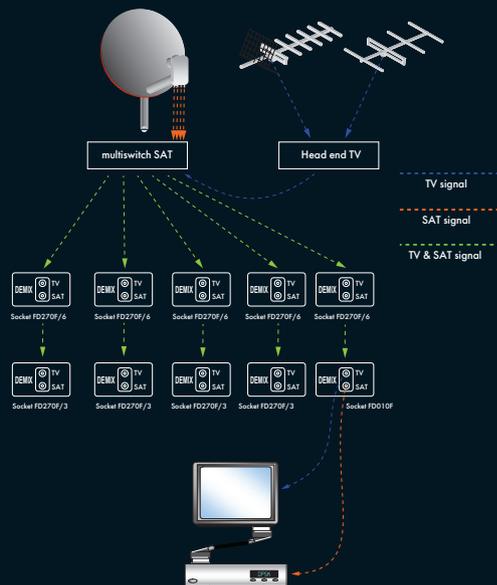


TV SOCKETS MECHANISMS CONNECTION DIAGRAM

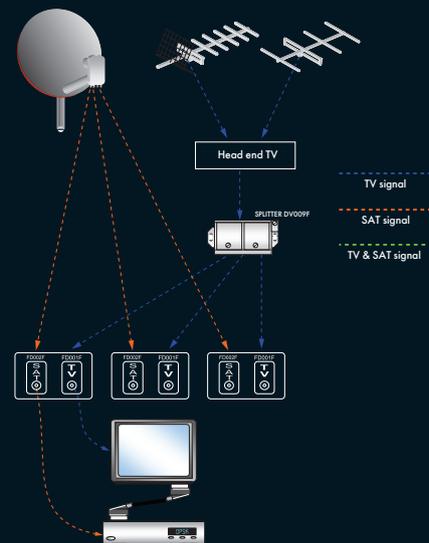
There are two main principles for TV signal routing for several consumers: parallel diagram, or routing by “star” and sequential diagram.

The first case uses signal distribution connectors (also called dividers or splitters). The input signal power is divided equally into 2, 3, 4, but each time the signal is split into 2, the signal power at each output is also reduced by half (in fact, it is a bit more than half — the reduced signal is usually 3,5–4.5 dB). This method of routing ensures a high degree of power uniformity in the TV frequency band and a high degree of isolation between the outputs, however it requires more cable. In the second case couplers (tappers) and TV outlets appear as connected cascading one by one. This method of routing gives unequal signal distribution. It is easier to install and requires less cable. However, this diagram can be used to route the signal to a lower number of consumers.

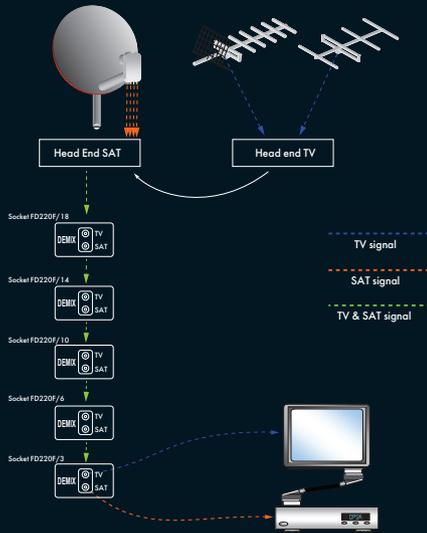
EXAMPLE OF THE USE OF
FD270F SOCKET
TO CREATE TV AND SATELLITE NET



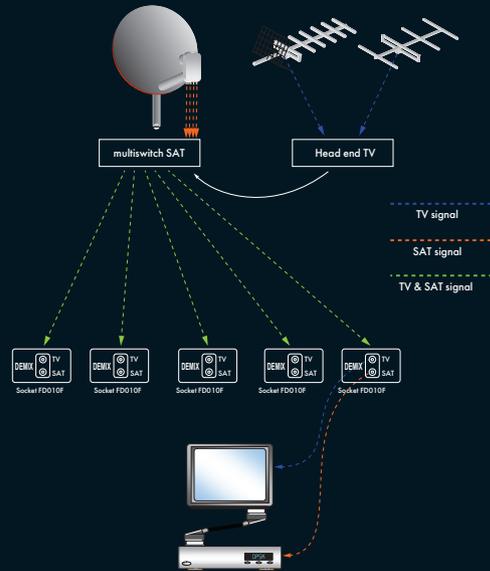
EXAMPLE OF THE USE OF
FD270F SOCKET
TO CREATE TV AND SATELLITE NET



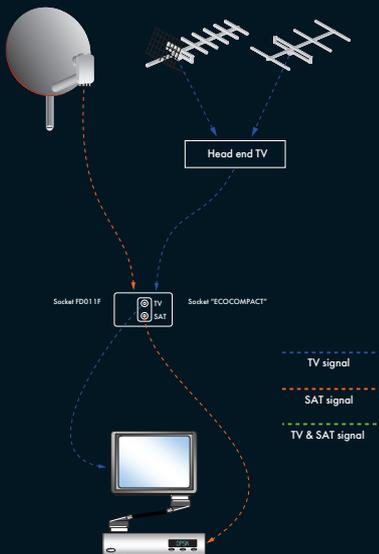
EXAMPLE OF THE USE OF FD220F TO CREATE "PASSAGE" TV AND SATELLITE NET WITH ONE IF-IF CABLE



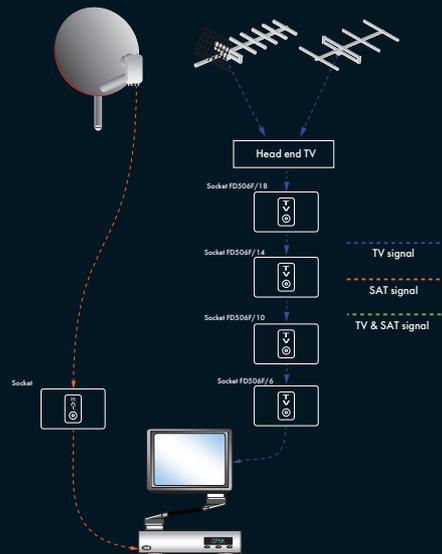
EXAMPLE OF THE USE OF FD220 F SOCKET TO CREATE TV AND SATELLITE NET OF "STAR" TYPE



EXAMPLE OF THE USE OF FD011F SOCKET OR "ECOCOMPACT" SET TO CREATE TV AND SATELLITE NET



EXAMPLE OF THE USE OF FD506F AND FD002F SOCKET S TO CREATE "PASSAGE" TV NET AND DIRECT CONNECTION OF SATELLITE TV





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SWITCH & LIGHT
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