

European Standards switches and sockets







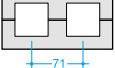
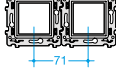
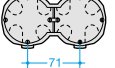
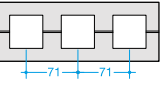
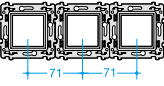
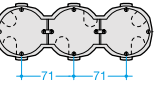
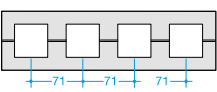
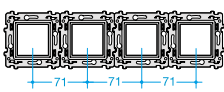
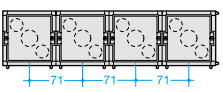
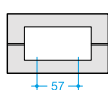
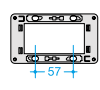

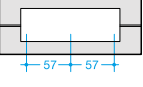
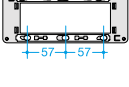
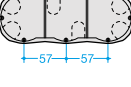
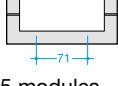

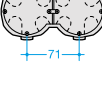

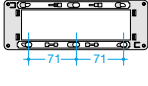
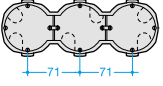
We provide a complete range of wiring accessories suitable for domestic and commercial applications.

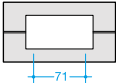
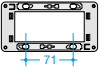
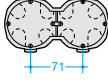
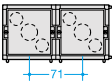
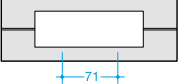
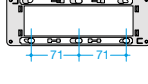
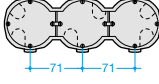
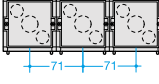
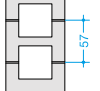
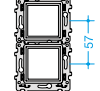


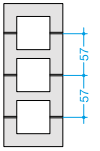
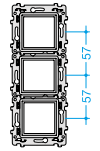
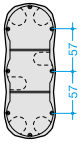
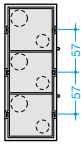
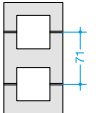
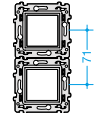
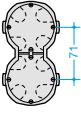
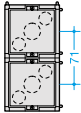
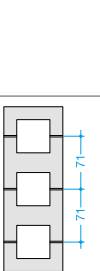
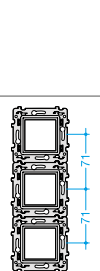
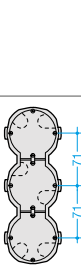
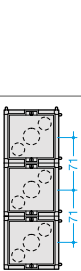
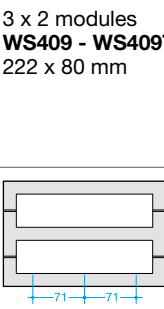
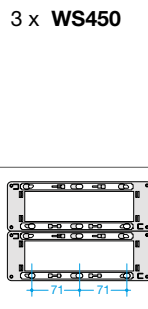
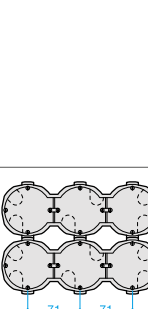
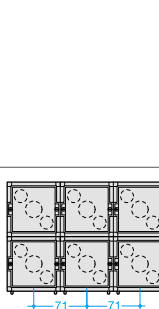
Nice designs, wide choice of switches and colours, each product can be easily adapted to your specific needs.

systo, essensya, cubyko ranges comply with European Standards.



systo	15.2
essensya	15.26
cubyko	15.35
Technical guide	15.44

Frames	Support with screws	Support with claws	Hollow boxes depth 40 mm	Masonry boxes depth 40 mm
 1 module WS405 - WS405T - WS405N 80 x 40 mm	delivered with frame WS405			
 2 modules WS401 - WS401T - WS401N 80 x 80 mm	 WS450	 WS451	 	
 2 x 2 modules WS402 - WS402T - WS402N 80 x 151 mm (71 mm spacing)	 2 x WS450		 2 boxes	
 3 x 2 modules WS403 - WS403T - WS403N 80 x 222 mm (71 mm spacing)	 3 x WS450		 3 boxes	
 4 x 2 modules WS404 - WS404T - WS404N 80 x 293 mm (71 mm spacing)	 4 x WS450		 4 boxes	
 4 modules WS410 - WS410T - WS410N 80 x 137 mm (57 mm spacing)	 WS452		 2 boxes	
 6 modules WS411 - WS411T - WS411N 80 x 194 mm (57 mm spacing)	 WS453		 3 boxes	
 5 modules WS412 - WS412T - WS412N 80 x 150 mm (71 mm spacing)	 WS454		 2 boxes	
 8 modules WS413 - WS413T - WS413N 80 x 220 mm (71 mm spacing)	 WS455		 3 boxes	

Frames	Support with screws	Hollow boxes depth 40 mm	Masonry boxes depth 40 mm
 <p>4 modules WS414 - WS414T - WS414N for WS122 80 x 150 mm</p>	 <p>WS454</p>		 <p>2 boxes</p>
 <p>6 modules WS415 - WS415T - WS415N for WS123 80 x 220 mm</p>	 <p>WS455</p>		 <p>3 boxes</p>
 <p>2 x 2 modules WS406 - WS406T 137 x 80 mm</p>	 <p>2 x WS451S</p>		 <p>2 boxes</p>
 <p>3 x 2 modules WS407 - WS407T 194 x 80 mm</p>	 <p>3 x WS451S</p>		 <p>3 boxes</p>
 <p>2 x 2 modules WS408 - WS408T - WS408N 151 x 80 mm</p>	 <p>2 x WS450</p>		 <p>2 boxes</p>
 <p>3 x 2 modules WS409 - WS409T - WS409N 222 x 80 mm</p>	 <p>3 x WS450</p>		 <p>3 boxes</p>
 <p>16 modules WS416 - WS416T - WS416N 165 x 235 mm</p>	 <p>WS456</p>		 <p>2 x 3 boxes</p>

Controls

Options: Lamps for location or indication are suitable for all controls items with lamps or label holders

Complies with NF EN 60-669-1
Glow wire test according to NF EN 60 695-2
IP2XC products

Connection capacity
- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2,5mm² rigid wire



WS016

1 way switches 10AX - 250V AC, quickconnect

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS016	10	WS000
black	10	WS016N	-	-
titane	10	WS016T	-	-
antibacterial	10	WS016H	-	-
white with light	10	WS017	-	-
black with light	10	WS017N	-	-
titane with light	10	WS017T	-	-
antibacterial with light	10	WS017H	-	-



WS012



WS001T

2 way switches 10AX - 250V AC, quickconnect

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS012	10	WS001
black	10	WS012N	10	WS001N
titane	10	WS012T	10	WS001T
antibacterial	10	WS012H	10	WS001H



WS013



WS002T

2 way illuminated switches 10AX - 250V AC, quickconnect

- delivered without lamp (see lamp 1, 2 or 3)

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS013	10	WS002
black	10	WS013N	10	WS002N
titane	10	WS013T	10	WS002T
antibacterial	-	-	10	WS002H



WS005

2 way pull cord switches 10AX - 250V AC, quickconnect

- delivered with 1.5m cord

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS005
titane	-	-	1	WS005T



WS006



WS014

2 way illuminated switches with label holder 10AX - 250V AC, quickconnect

- delivered without lamp (see lamp 1, 2 or 3)

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	1	WS014	1	WS006

Double pole switches 10AX - 250V AC, quickconnect

- allow to switch the 2 contacts

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS008
titane	-	-	1	WS008T



WS008

Double pole illuminated switches 10AX - 250V AC, quickconnect

- delivered with lamp for locator use

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS009
titane	-	-	1	WS009T



WS009

Intermediate switches 10AX - 250V AC, quickconnect

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS010
black	-	-	1	WS010N
titane	-	-	1	WS010T



WS010

Intermediate illuminated switches 10AX - 250V AC, quickconnect

- delivered with lamp for locator use

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS011
black	-	-	1	WS011N
titane	-	-	1	WS011T



WS011

Double pole switches 16AX - 250V AC, quickconnect

- allow to switch the 2 contacts

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS015
titane	-	-	1	WS015T



WS015

1 way push buttons 10AX - 250V AC, quickconnect

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS027	10	WS020
black	10	WS027N	10	WS020N
titane	10	WS027T	10	WS020T
antibacterial	10	WS027H	10	WS020H



WS027T



WS022

2 way push buttons 10AX - 250V AC, quickconnect

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS029	10	WS022
black	-	-	10	WS022N



WS030

2 way illuminated push button 10AX - 250V AC, quickconnect

- delivered without lamp (see lamp 1, 2 or 3)

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS030	10	WS023
black	10	WS030N	10	WS023N
titane	10	WS030T	10	WS023T
antibacterial	-	-	10	WS023H



WS024

2 way pull cord push buttons 10AX - 250V AC, quickconnect

- delivered with 1.5m cord

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS024
black	-	-	1	WS024N
titane	-	-	1	WS024T



WS025



WS031

2 way illuminated push button with label holders 10AX - 250V AC, quickconnect

- delivered without lamps (see lamp 1, 2 or 3)

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS031	10	WS025



WS032

Emergency stop push buttons

Description	Pack qty.	Cat. ref. 2 modules
with key 10A - 250V	1	WS032
1/4 turn 10A - 250V	1	WS033



WS035

Key switches

Description	Pack qty.	Cat. ref. 2 modules
2 positions 10 A - 250V	1	WS035
3 positions 10 A - 250V	1	WS036



WS055

Hotel card switch

- credit card size
- switch off after an adjustable time delay (0 s, 15 s, 30 s, 1 min)

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS055

Plug-in Led lamps

Description	Pack qty.	Cat. ref.
1 - for location 250 V AC blue, cons.: 0,4mA - 50000h	10	WS690
2 - for indication 250 V AC red, cons.: 0,75mA - 50000h	10	WS691
3 - for location 12-24 V DC blue, cons.: 0,4mA - 50000h	10	WS692
4 - for socket WS103 red, cons.: 0,75mA - 50000h	10	WUZ694



WS690, WS692



WUZ694

Associable lamps

Description	Pack qty.	Cat. ref.
surface mounted lamp 250V blue 0.5mA	10	WJA690
surface mounted lamp 250V red 1mA	10	WJA691
surface mounted lamp 250V white 0.5mA	10	WJA692
surface mounted lamp 12/24V red	10	WJA693
surface mounted lamp 12/24V blue	10	WJA694
surface mounted lamp 12/24V white	10	WJA695



WJA690

Sockets

Connection capacity

quickconnect connection

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2,5mm² rigid wire

Screw terminals

maxi: 1 x 4mm² rigid wire or 2 x 2,5mm² rigid wire

Complies with NFC 60-314 for WS100, WS101, WS102, WS103, WS105, WS 106

Glow wire test according to NF EN 60 695-2

IP2XC products



WS100

2P+E sockets 16A - 250V, quickconnect

- french standard

Description	Pack qty.	Cat. ref.
white	10	WS100
orange	10	WS100E
black	10	WS100N
red	10	WS100R
titane	10	WS100T
green	10	WS100V
antibacterial	10	WS100H



WS100T



WS101

2P+E sockets 16A - 250V, screw terminals

- french standard

Description	Pack qty.	Cat. ref.
white	10	WS101
black	10	WS101N
titane	10	WS101T



WS102

2P sockets 16A - 250V, screw terminals

- french standard

Description	Pack qty.	Cat. ref.
white	10	WS102



WS103

Illuminated 2P+E sockets 16A - 250V, quickconnect

- french standard
- to be associated with WUZ694 lamp

Description	Pack qty.	Cat. ref.
white	10	WS103



WS105

2P+E sockets with mechanical keyring 16A - 250V, quickconnect

- french standard

Description	Pack qty.	Cat. ref.
red	10	WS105



WS106

2P+E sockets with mechanical keyring 16A - 250V, screw terminals

- french standard

Description	Pack qty.	Cat. ref.
red	10	WS106

I2P+E Schuko sockets 16A - 250V, quickconnect

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS160
orange	10	WS160E
black	10	WS160N
titane	10	WS160T
green	10	WS160V
antibacterial	10	WS160H



WS160



WS160T

2P+E Schuko sockets 16A - 250V, without child protection, screw connection

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS161
black	10	WS161N



WS161

2P+E Schuko sockets 16A - 250V, screw connection

- german standard

Description	Pack qty.	Cat. ref.
red	10	WS162
white	10	WS163
black	10	WS163N



WS162



WS163

2P+E sockets with mechanical keyring 16A - 250V, screw terminals

- german standard

Description	Pack qty.	Cat. ref.
red	10	WS164



WS164

Comfort controls

- Flush mounting
 - for switches choose 40mm depth boxes
 - for dimmers and motion detectors choose 50mm depth boxes

Complies with NF EN 60-669-1 for WS048, WS060, WS061.
 Complies with NF EN 60-669-2 for WS050, WS051, WS060, WS061.
 Glow wire test according to NF EN 60 695-2

Connection capacity

- quickconnect connection**
 - mini: 2 x 1mm² rigid wire
 - maxi: 2 x 2.5mm² rigid wire
Screw terminals
 maxi: 2 x 2.5mm² rigid wire or 2 x 1.5mm² flexible wire

quickconnect connection

IP2XC products



WS048

2 way CMV switches, 10A - 250V

- 2 speed levels

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS048



WS050

Motion detectors without neutral (2 wires)

- in place of a one way switch with no additional wiring, suitable for :
 - incandescent and halogen lamps 230 V AC,
 - ELV lamps with electronic transformer. Can be used as master in a configuration with several motion detectors
- 230V AC /50Hz
- 60 ... 320W/VA

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS050
black	1	WS050N
titane	1	WS050T



WS051

Motion detectors without neutral (3 wires)

- incandescent and halogen lamps 230 V AC,
- ELV lamps with electronic and ferromagnetic transformer
- fluorescent lamps
- CMV, ventilator...
- can be used as master or slave in a configuration with several motion detectors
- incandescent and halogen 230 V AC: 0 ... 1000 W
- other loads: 0 ... 500 VA

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS051
black	1	WS051N
titane	1	WS051T



WS060

Dimmers

- for all type of dimmable loads
 - 70W CFL, LED,
 - 275W incandescent
 - 250W halogen with or without transformer

Description	Pack qty.	Cat. ref. 2 modules
rotary switch, white	1	WS060
rotary switch, black	1	WS060N
rotary switch, titane	1	WS060T
push button, white	1	WS061
push button, black	1	WS061N
push button, titane	1	WS061T



WS061

Comfort controls

- Flush mounting
- for switches choose 40mm depth boxes
- for dimmers and motion detectors choose 50mm depth boxes

Complies with NF EN 60-669-1 for WS300, WS301.
 NF EN 60-730-2, NF EN 60-335-1
 NF EN 55-014-1, NF EN 61-000-3 for WS310, WS311, WS314.

Connection capacity

- quickconnect connexion
- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2,5mm² rigid wire
- Screw terminals
- maxi: 2 x 2,5mm² rigid wire or 2x1.5mm² flexible wire

Glow wire test according to NF EN 60 695-2

quickconnect connection

IP2XC products

Rolling shutters controls 10 A - 250 V AC, quickconnect double two way switch with mechanical interlocking

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS300
black	1	WS300N
titane	1	WS300T
antibacterial	1	WS300H



WS300

Rolling shutters controls 10 A - 250 V AC, quickconnect double two way push button for automation management

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS301
black	1	WS301N
titane	1	WS301T
antibacterial	1	WS301H



WS301

Electronic rolling shutter and blind controls

Description	Pack qty.	Cat. ref. 2 modules
white, daily programming	1	WS304
white, centralized electronic shutter controls with display weekly and daily programming	1	WS305



WS304



WS305

Electronic room thermostat

- power supply : 230 V AC /50 Hz
- output : 2 way switch
- adjustment range: +5° C to +30°
- accuracy: ± 0,5°C
- output relay: 8 A - 250 V AC for a power factor = 1



WS310

Description	Pack qty.	Cat. ref. 2 modules
white	1	WS310



WS200

Telephone "T" socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white, 8 screw contacts	-	-	10	WS200
titane, 8 screw contacts	-	-	10	WS200T



WS201

RJ11 socket

- with label holders and anti-dust flap.

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	10	WS201
titane	-	-	10	WS201T



WS210T



WS211T



WS213



WS214



WS213N

RJ45 sockets category 5E

- D class at 100MHz
- with label holders and anti-dust flap.
- suitable also for RJ11 and RJ12 sockets

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
UTP, 8 pts, white	10	WS210	1	WS211
UTP, 8 pts, titane	10	WS210T	1	WS211T
UTP, 8 pts, black	10	WS210N	-	-
FTP, 9 pts for grade 1, white	10	WS213	1	WS214
FTP, 9 pts for grade 1, titane	10	WS213T	10	WS214T
FTP, 9 pts for grade 1, black	10	WS213N	10	WS214N
STP or SFTP 8 shielded points, white	10	WS216	1	WS217
STP or SFTP 8 shielded points, titane	10	WS216T	1	WS217T
STP or SFTP 8 shielded points, black	10	WS216N	-	-



WS226

RJ45 sockets category 6

- E class at 250MHz
- with label holders and anti-dust flap.
- suitable also for RJ11 and RJ12 sockets

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
UTP, 8 pts, white	10	WS219	1	WS220
UTP, 8 pts, titane	10	WS219T	1	WS220T
UTP, 8 pts, black	10	WS219N	1	WS220N
UTP, 8 pts, antibacterial	10	WS219H	1	WS220H
FTP, 9 pts for grade 1, white	10	WS222	10	WS223
FTP, 9 pts for grade 1, titane	10	WS222T	10	WS223T
FTP, 9 pts for grade 1, black	10	WS222N	10	WS223N
FTP, 9 pts for grade 1, antibacterial	10	WS222H	10	WS223H
STP or SFTP 8 shielded points for grade 3, white	10	WS225	1	WS226
STP or SFTP 8 shielded points for grade 3, titane	10	WS225T	1	WS226T
STP or SFTP 8 shielded points for grade 3, black	10	WS225N	1	WS226N
STP or SFTP 8 shielded points for grade 3, antibacterial	10	WS225H	1	WS226H

RJ45 sockets category 6A

- E class at 300MHz
- with label holders and anti-dust flap.
- suitable also for RJ11 and RJ12 sockets

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
STP or SFTP 8 shielded points for grade 3, white	1	WS229	1	WS228
STP or SFTP 8 shielded points for grade 3, titane	1	WS229T	1	WS228T
STP or SFTP 8 shielded points for grade 3, black	1	WS229N	1	WS228N

RJ45 plates

- for Keystone engine

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS202	10	WS203
titane	10	WS202T	-	-
black	10	WS202N	10	WS203N



WS202



WS203

Television sockets 45 x 45 mm

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat. ref.
direct, white	10	WS250
direct, titane	10	WS250T
F type, white	10	WS259
F type, titane	10	WS259T
pass through socket attenuation 10 dB delivered with terminal resistance 75Ω, white	1	WS251
pass through socket attenuation 10 dB delivered with terminal resistance 75Ω, titane	1	WS251T



WS250

Television sockets + FM sockets 45 x 45 mm

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat. ref.
direct, white	1	WS253
direct, titane	1	WS253T
direct, black	1	WS253N
pass through socket attenuation 10 dB delivered with terminal resistance 75Ω, white	1	WS254
pass through socket attenuation 10 dB delivered with terminal resistance 75Ω, titane	1	WS254T
pass through socket attenuation 10 dB delivered with terminal resistance 75Ω, black	1	WS254N



WS254



WS256

Television + FM + TV socket 45 x 45 mm

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat. ref.
direct 1 input, white	1	WS256
direct 1 input, titane	1	WS256T
direct 1 input, black	1	WS256N
direct 2 inputs, white	1	WS257
direct 2 inputs, titane	1	WS257T
direct 2 inputs, black	1	WS257N

Terminal resistance

Description	Pack qty.	Cat. ref.
75Ω	1	WS258



WS110N

USB Power supply

- output voltage: 5V DC
- nominal current: 2.1A

Description	Pack qty.	Cat. ref.
white	1	WS110
titane	1	WS110T
black	1	WS110N



WS260

2 RCA audio socket

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS260



WS261

3 RCA audio + video socket

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS261



WS263

HDMI passthrough socket

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS263
titane	-	-	1	WS263T



WS264

HDMI socket

Description	Pack qty.	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS264

USB sockets

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS265
black	-	-	1	WS265N



WS265

XLR female socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS266



WS266

XLR male socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS267



WS267

Optical passthrough socket SC connector

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS270



WS270

Optical passthrough socket LC connector

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS271



WS271

BNC passthrough socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS273



WS273

DVI-D socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS274



WS274

S-video socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS275



WS275

SUB-D 15 (VGA) socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS276



WS276



WS278

Jack 3.5 mm socket

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
screw terminals, white	-	-	1	WS278
screw terminals, titane	-	-	1	WS278T



WS279

S-video + RCA 2 audio socket

Description	Pack qty.	Cat. ref.
screw terminals, white	-	-
screw terminals, titane	-	-

Loudspeaker sockets

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS290	10	WS291
titane	10	WS290T	10	WS291T
black	10	WS290N	10	WS291N



WS603

Signalisations

Description	Pack qty.	Cat. ref.
green/red light indicator	1	WS601
blue light indicator	1	WS602
white light indicator	1	WS603
blank label light indicator	1	WS604
stair label indicator	1	WS605
lift label light indicator	1	WS606
WC label (woman-man-disabled person) light indicator	1	WS607
room label (free-busy) light indicator	1	WS608
hotel label (cleaning/ not disturb) light indicator	1	WS609

Sockets specially for trunking

Connection capacity

quickconnect connection

- mini: 2 x 1mm² rigid wire

- maxi: 2 x 2,5mm² rigid wire

Complies with NF C 60-314 for references :

WS100, WS101, WS102, WS103, WS105, WS 106, WS121, WS122, WS123, WS131, WS132, WS133

Glow wire test according to NF EN 60 695-2

IP2XC products

2P+T sockets 16 A - 250 V, quickconnect

- french standard

Description	Pack qty.	Cat. ref.
white	20	WS121
orange	20	WS121E
black	20	WS121N
red	20	WS121R
titane	20	WS121T
green	20	WS121V



WS121



WS121E

2 x 2P+T sockets 16 A - 250 V, quickconnect

- french standard

Description	Pack qty.	Cat. ref.
white	10	WS122
orange	10	WS122E
black	10	WS122N
red	10	WS122R
titane	10	WS122T
green	10	WS122V



WS122



WS122N

3 x 2P+T sockets 16 A - 250 V, quickconnect

- french standard

Description	Pack qty.	Cat. ref.
white	10	WS123
orange	10	WS123E
black	10	WS123N
red	10	WS123R
titane	10	WS123T
green	10	WS123V



WS123



WS123T

2P+T sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	20	WS131

2 x 2P+T sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	10	WS132



WS132

3 x 2P+T sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	10	WS133



WS133



WS136

Switch 16 AX

Description	Pack qty.	Cat. ref.
white	10	WS136



WS137

Surge protection type 3, class III

Description	Pack qty.	Cat. ref.
white	1	WS137
titane	1	WS137T
black	1	WS137N



WS138

Filter

Description	Pack qty.	Cat. ref.
white	1	WS138



WS171

2P+T sockets 16 A - 250 V, quickconnect

- german standard

Description	Pack qty.	Cat. ref.
white	20	WS171
orange	20	WS171E
black	20	WS171N
green	20	WS171V
titane	20	WS171T
red	20	WS187



WS172

2 x 2P+T sockets 16 A - 250 V, quickconnect

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS172
orange	10	WS172E
black	10	WS172N
green	10	WS172V
titane	10	WS172T
red	10	WS185



WS173

3 x 2P+T sockets 16 A - 250 V, quickconnect

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS173
orange	10	WS173E
black	10	WS173N
green	10	WS173V
titane	10	WS173T
red	10	WS186

2P+T Schuko sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	20	WS181

2 x 2P+T Schuko sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	10	WS182



WS182

3 x 2P+T Schuko sockets with mechanical keying 16 A - 250 V, quickconnect

Description	Pack qty.	Cat. ref.
red	10	WS183



WS183

Switch16 AX

- german standard

Description	Pack qty.	Cat. ref.
white	20	WS166
black	20	WS166N



WS166

Surge protection type 3, class III

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS167

Filter

- german standard

Description	Pack qty.	Cat. ref.
white	10	WS168

Junction for multiple socket

Description	Pack qty.	Cat. ref.	Pack qty.	Cat. ref.
		1 module		2 modules
grey	-	-	10	WS120



WS120

Cable clamp for multiple socket

Description	Pack qty.	Cat. ref.	Pack qty.	Cat. ref.
		1 module		2 modules
grey	-	-	10	WS130



WS130

Cable outlets modular 45 x 45

- suitable for multi gang
- for cable: Ø 1.5 to 12 mm

Description	Pack qty.	Cat. ref.	Pack qty.	Cat. ref.
		1 module		2 modules
white	-	-	10	WS155
black	-	-	10	WS155N
titane	-	-	10	WS155T



WS155



WS155T



WE155

Cable outlet extraflat

- not suitable for multi gang

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	10	WE155
titane	-	-	10	WE155T



WS169N

Surge protection cartridges

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	-	-	1	WS169
black	-	-	1	WS169N
titane	-	-	1	WS169T



WS687

Wire outlet

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
Ø 8mm, white	10	WS687	-	-



WS688

Blank modules

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
white	10	WS688	10	WS689
black	10	WS688N	10	WS689N
titane	10	WS688T	10	WS689T
antibacterial	10	WS688H	10	WS689H



WS697

Keying pin for plugs

Description	Pack qty.	Cat. ref.
red	10	WS697



WK696

Claws

Description	Pack qty	Cat. ref. 1 module	Pack qty.	Cat. ref. 2 modules
long	-	-	50	WK697
short	-	-	50	WK696

Clip-on frame

- UV resistant material with antistatic texture
- accurate mounting thanks to clip steps
- slots to remove the frame on the side
- glow wire test according to NF EN 60 695-2

Single frame

- 1 module plate + frame, dim. 80 x 40 mm

Description	Pack qty.	Cat. ref.
white	5	WS405
black	5	WS405N
titane	5	WS405T



WS405

Single frame

- 2 modules, dim. 80 x 80 mm

Description	Pack qty.	Cat. ref.
white	10	WS401
black	10	WS401N
titane	10	WS401T
antibacterial	10	WS401H



WS401



WS401T

Double horizontal frame

- 2 x 2 modules, dim. 80 x 151 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	10	WS402
black	10	WS402N
titane	10	WS402T
antibacterial	10	WS402H



WS402

Triple horizontal frame

- 3 x 2 modules, dim. 80 x 222 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	5	WS403
black	5	WS403N
titane	5	WS403T
antibacterial	5	WS403H



WS403

Quadruple horizontal frame

- 4 x 2 modules, dim. 80 x 293 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	1	WS404
black	1	WS404N
titane	1	WS404T
antibacterial	1	WS404H



WS404

Double vertical frame

- 2 x 2 modules, dim. 80 x 137 mm, center distance
57 mm

Description	Pack qty.	Cat. ref.
white	10	WS406
black	10	WS406N
titane	10	WS406T
antibacterial	10	WS406H

Double vertical frame

- 2 x 2 modules, dim. 151 x 80 mm, center distance
71 mm

Description	Pack qty.	Cat. ref.
white	5	WS408
black	5	WS408N
titane	5	WS408T
antibacterial	5	WS408H



WS407



WS407T

Triple vertical frame

- 3 x 2 modules, dim. 80 x 194 mm, center distance
57 mm

Description	Pack qty.	Cat. ref.
white	5	WS407
black	5	WS407N
titane	5	WS407T
antibacterial	5	WS407H



WS409

Triple vertical frame

- 3 x 2 modules, dim. 222 x 80 mm, center distance
71 mm

Description	Pack qty.	Cat. ref.
white	5	WS409
black	5	WS409N
titane	5	WS409T
antibacterial	5	WS409H



WS410

Horizontal 4 modules frame

- 4 modules, dim. 80 x 137 mm, center distance
57 mm

Description	Pack qty.	Cat. ref.
white	10	WS410
black	10	WS410N
titane	10	WS410T
antibacterial	10	WS410H

Horizontal 6 modules frame

- 6 modules, dim.: 80 x 194 mm, center distance 57 mm

Description	Pack qty.	Cat. ref.
white	5	WS411
black	5	WS411N
titane	5	WS411T
antibacterial	5	WS411H



WS411T

Horizontal 5 modules frame

- dim.: 80 x 150 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	10	WS412
black	10	WS412N
titane	10	WS412T
antibacterial	10	WS412H



WS412

Horizontal 8 modules frame

- dim.: 80 x 220 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	5	WS413
black	5	WS413N
titane	5	WS413T



WS413

Horizontal 4 modules frame

- dim.: 80 x 150 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	5	WS414
black	5	WS414N
titane	5	WS414T

Horizontal 6 modules frame

- dim.: 80 x 220 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	5	WS415
black	5	WS415N
titane	5	WS415T

Horizontal 16 modules frame

- 2 x 8 horizontal modules, dim.: 165 x 235 mm, center distance 71 mm

Description	Pack qty.	Cat. ref.
white	5	WS416
black	5	WS416N
titane	5	WS416T



WS416

Supports

- to use with 45 x 45 mechanisms in standard boxes flush and surface mounting
- suitable for multigang configuration - horizontal or vertical association
- glow wire test according to NF EN 60 695-2



WS450

WS451

Supports 2 modules

- equipped with painting protection

Description	Pack qty.	Cat. ref.
with screw	10	WS450
with claws-breakable	10	WS451
with screw-breakable	10	WS451S
universal with screw 45 x 45	10	WS461



WS452

Support 4 modules

- for frame WS410, center distance 57 mm

Description	Pack qty.	Cat. ref.
with screws	10	WS452



WS454

Support 5 modules

- for frame WS412, center distance 71 mm

Description	Pack qty.	Cat. ref.
with screws	10	WS454



WS453

Support 6 modules

- for frame WS411, center distance 57 mm

Description	Pack qty.	Cat. ref.
with screws	5	WS453

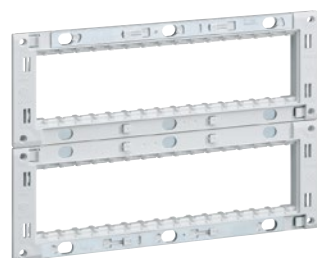


WS455

Support 8 modules

- for frame WS413, center distance 71 mm

Description	Pack qty.	Cat. ref.
with screws	5	WS455



WS456

Support 16 modules

- 2 x 8 horizontal modules, for frame WS416, center distance 71 mm

Description	Pack qty.	Cat. ref.
with screws	5	WS456

Surface boxes 1 gang

- to link with one systo support WS450

Description	Pack qty.	Cat. ref.
white	10	WS681
black	10	WS681N
titane	10	WS681T



WS681

Surface boxes 2 gangs

- center distance 71 mm
- to link with 2 systo supports WS450

Description	Pack qty.	Cat. ref.
white	5	WS682
black	5	WS682N
titane	5	WS682T

Surface boxes 3 gangs

- center distance 71 mm
- to link with 3 systo supports WS450

Description	Pack qty.	Cat. ref.
white	5	WS683
black	5	WS683N
titane	5	WS683T



WS683





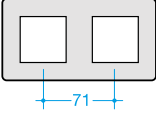
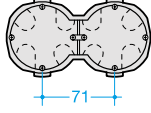
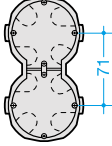
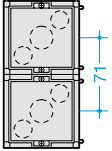
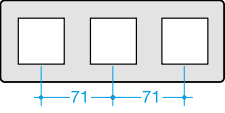
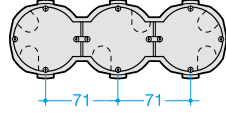
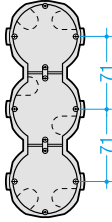
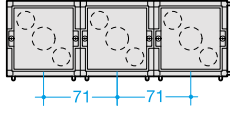
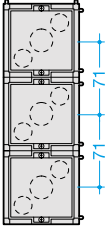
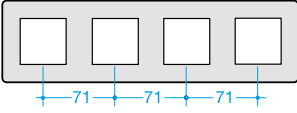
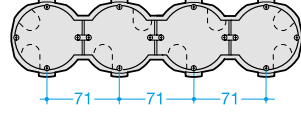
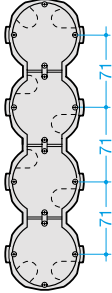
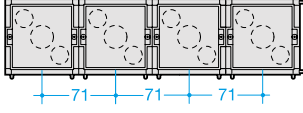
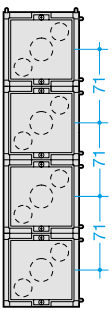
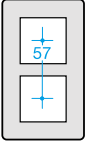
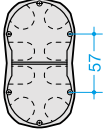
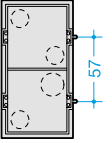
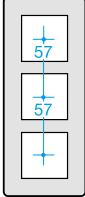
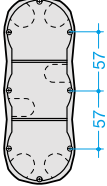
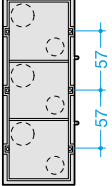
Surface boxes 8 gangs / 16 modules

- dim. 235 x 165 x 45 mm
- to link with 1 systo support WS456

Description	Pack qty.	Cat. ref.
white	1	WS686
black	1	WS686N
titane	1	WS686T



WS686

Frame	Hollow wall boxes depth : 40 mm		Masonry boxes depth : 40 mm	
 <p>1 gang WE401 80 x 80 mm</p>			 	
 <p>2 reversible gangs WE402 80 x 151 mm</p>			  <p>2 horizontal or vertical boxes</p>	
 <p>3 reversible gangs WE403 80 x 222 mm</p>			   <p>3 horizontal or vertical boxes</p>	
 <p>4 reversible gangs WE404 80 x 293 mm</p>			   <p>4 horizontal or vertical boxes</p>	
 <p>2 gangs WE406 137 x 80 mm</p>				
 <p>3 gangs WE407 194 x 80 mm</p>				

Controls

Options: Lamps for location or indication are suitable for all controls items with lamps or label holders.

Glow wire test according to NF EN 60 695-2

Connection capacity

quickconnect connection
 - mini: 2 x 1mm² rigid wire
 - maxi: 2 x 2,5mm² rigid wire

All push button mechanisms can be changed into 2-way switches by spring removing.

Possibility to add claws for all mechanisms with screw:
 - short WK696
 - long WK697

Complies with NF EN 60-669-1

IP2XC products

Switches 10 AX - 250 V quickconnect

Description	Pack qty.	Cat. ref. with screw	Pack qty.	Cat. ref. with claws (WK696)
1-way switch, white	10	WE000	10	WE000G
2-way switch, white	10	WE001	10	WE001G
2-way switch, titane	10	WE001T	-	-
2-way illuminated switch, delivered without lamps, white	10	WE002	10	WE002G
2-way illuminated switch, delivered without lamps, titane	10	WE002T	-	-
intermediate switch, white	10	WE010	-	-
intermediate switch, titane	10	WE010T	-	-
double 2-way switch, white	10	WE040	10	WE040G
double 2-way switch, titane	10	WE040T	-	-
double 2-way illuminated push button (can be changed into 2-way switch by spring removing), white	10	WE045	-	-
double 2-way illuminated push button (can be changed into 2-way switch by spring removing), titane	10	WE045T	-	-
set of 50 2-way switch WE001, white	1	WE00150	-	-
set of 50 2-way switch WE001, titane	1	WE00150T	-	-



WE000, WE001, WE010



WE002

Push buttons 10 AX - 250 V quickconnect

Description	Pack qty.	Cat. ref. with screw	Pack qty.	Cat. ref. with claws (WK696)
2-way push button NC/NO, white	10	WE022	10	WE022G
2-way push button NC/NO, titane	10	WE022T	-	-
2-way illuminated push button, white	10	WE023	10	WE023G
2-way illuminated push button, titane	10	WE023T	-	-
2-way illuminated push button with label holder, white *	10	WE025	10	WE025G
2-way illuminated push button with label holder, titane *	10	WE025T	-	-
double 2-way push button, white *	10	WE044	10	WE044G
double 2-way push button, titane *	10	WE044T	-	-
double 2-way illuminated push button, white *	10	WE045	-	-
double 2-way illuminated push button, titane*	10	WE045T	-	-
2-way push button + 2-way illuminated push button, white **	10	WE046	-	-
2-way push button + 2-way illuminated push button, titane **	10	WE046T	-	-



WE025



WE045

* can be changed into 2-way switch by spring removing

** can be changed into 2-way switch + 2 way illuminated switch by spring removing



WS690, WS692



WS691

Plug-in LED lamps

Description	Cons.	Pack qty.	Cat. ref.
1 - for location 250V AC blue,	0.4mA - 50000h	10	WS690
2 - for indication 250V AC, red	0.75mA - 50000h	10	WS691
3 - for location 12 - 24V DC, blue	0.4mA - 50000h	10	WS692



WJA690

Associable lamps

Description	Pack qty.	Cat. ref.
surface mounted lamp 250V blue 0.5mA	10	WJA690
surface mounted lamp 250V red 1mA	10	WJA691
surface mounted lamp 250V white 0.5mA	10	WJA692
surface mounted lamp 12/24V red	10	WJA693
surface mounted lamp 12/24V blue	10	WJA694
surface mounted lamp 12/24V white	10	WJA695

Sockets

Connection capacity

quickconnect connection:

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2,5mm² rigid wire

screw connection:

- maxi: 1 x 4mm² or 2 x 2,5mm² rigid wire

Complies with NF C 60-314-2 for : WE100, WE102, WE105, WE122,

WE123 references.

Glow wire test according to NF EN 60 695-2

Possibility to add claws for all mechanisms with screw:

- short WK696
- long WK697

IP2XC products

Sockets 16 A - 250 V, French standard

Description	Pack qty.	Cat. ref. with screw	Pack qty.	Cat. ref. with claws
2P+E, quickconnect , white	10	WE100	10	WE100G
2P+E, quickconnect , titane	10	WE100T	-	-
double 2P+E, quickconnect , white	10	WE122	-	-
double 2P+E, quickconnect , titane	10	WE122T	-	-
triple 2P+E, quickconnect , white	10	WE123	-	-
triple 2P+E, quickconnect , titane	10	WE123T	-	-
2P+E with mechanical keying, quickconnect	10	WE105	-	-
2P, screw connection, white	10	WE102	10	WE102G
2P, screw connection, titane	10	WE102T	-	-
set of 50 sockets 2P+E, WE100, white	1	WE10050	-	-
set of 50 sockets 2P+E, WE100, titane	1	WE10050T	-	-



WE100

Cable outlets

- for cable : Ø1,5 to 12mm

Description	Pack qty.	Cat. ref. with screw	Pack qty.	Cat. ref. with claws
universal, IP44, white	10	WE154	10	WE154G
universal, IP44, black	10	WE154C	-	-
universal, IP44, titane	10	WE154T	-	-
extraflat (not suitable for multigang), white	10	WE155	-	-
extraflat (not suitable for multigang), titane	10	WE155T	-	-
modulable (suitable for multigang), white	10	WE156	-	-
modulable (suitable for multigang), titane	10	WE156T	-	-



WE156

Accessories

Description	Pack qty.	Cat. ref. with screw	Pack qty.	Cat. ref. with claws
blank, white	10	WE157	-	-
blank, titane	10	WE157T	-	-
keying pin for plugs	-	-	10	WS697
short claws	-	-	50	WK696
long claws	-	-	50	WK697
airproof kit	-	-	20	WUZ155



WE157



WK696

Data sockets

Television sockets, suitable for:

- analog and digital reception
- reception through cable
- satellite reception

Wiring

- in series : a terminal resistance 75Ω must be mounted on the last socket
- in parallel : use direct socket

Complies with ISO 11801 ed. 2.0, EN 50173 for WE211 to WE226
NF EN 50083 UTE 90123 UTE 90125 for WE250 to WE259

Glow wire test according to NF EN 60 695-2

Possibility to add claws for all mechanisms with screw:

- short WK696
- long WK697



WE200

Telephone "T" socket

- 8 screw contacts

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
white	10	WE200	-	-
titane	10	WE200T	-	-



WE214

RJ45 sockets category 5e

- D class at 100 MHz
- with label holder and anti-dust flap
- suitable for RJ11 and RJ12 sockets

- contact wiring without tools
- connection according to the standard colour code EIA/TIA 568A or B

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
UTP, 8 pts, white	10	WE211	-	-
UTP, 8 pts, titane	10	WE211T	-	-
FTP, 9 pts for grade1, white	10	WE214	10	WE214G
FTP, 9 pts for grade1, titane	10	WE214T	-	-

RJ45 sockets category 6

- E class at 250 MHz
- with label holder and anti-dust flap
- suitable for RJ11 and RJ12 sockets

- contact wiring without tools
- connection according to the standard colour code EIA/TIA 568A or B

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
UTP, 8 pts, white	10	WE220	-	-
UTP, 8 pts, titane	10	WE220T	-	-
FTP, 9 pts for grade1, white	10	WE223	10	WE223G
FTP, 9 pts for grade1, titane	10	WE223T	-	-
STP or SFTP 8 shielded points for grade 3, white	10	WE226	-	-
STP or SFTP 8 shielded points for grade 3, titane	10	WE226T	-	-

RJ45 sockets category 6a

- E class at 250 MHz
- with label holder and anti-dust flap
- suitable for RJ11 and RJ12 sockets

- contact wiring without tools
- connection according to the standard colour code EIA/TIA 568A or B

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
STP 8 shielded points, white	10	WE228	-	-
STP 8 shielded points, titane	10	WE228T	-	-

USB sockets

- 5V DC / 1.2A

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
double USB socket, white	10	WE111	-	-
double USB socket, titane	10	WE111T	-	-



WE111

Loudspeaker sockets

- quickconnect terminals

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
single socket, white	10	WE290	-	-
single socket, titane	10	WE290T	-	-
double socket, white	10	WE291	-	-
double socket, titane	10	WE291T	-	-



WE290

Television sockets

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
direct, white	10	WE250	10	WE250G
direct, titane	10	WE250T	-	-
type F, white	10	WE259	-	-
type F, titane	10	WE259T	-	-
double type F, white	10	WE258	-	-
double type F, titane	10	WE258T	-	-



WE250

TV+FM sockets

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
direct, white	10	WE253	-	WE253G
direct, titane	10	WE253T	-	-



WE257

Sockets TV + FM + SAT

- screw connection for a better coaxial cable maintain

Description	Pack qty.	Cat . ref. with screw	Pack qty.	Cat. ref. with claws
direct 1 input, white	10	WE256	-	-
direct 1 input, titane	10	WE256T	-	-
direct 2 inputs, white	1	WE257	-	-
direct 2 inputs, titane	1	WE257T	-	-



WE257

Comfort controls

- Flush mounting
 - for switches, choose 40mm depth boxes
 - for dimmers and motion detectors, choose 50mm depth boxes

- Connection capacity
quickconnect connection
 - mini: 2 x 1mm² rigid wire
 - maxi: 2 x 2,5mm² rigid wire
 screw connection :
 - maxi: 2 x 2,5mm² rigid wire
 - maxi: 2 x 2,5mm² flexible wire

Complies with NF EN 60-669-1 for WE048, WE060, WE061
 Complies with NF EN 60-669-2 for WE050, WE051, WE060, WE061.

Glow wire test according to NF EN 60 695-2

Possibility to add claws for all mechanisms with screw:
 - short WK696
 - long WK697

IP2XC products



WE048

CMV control 10 A - 250 V AC, quickconnect

Description	Pack qty.	Cat. ref. with screw
2-way CMV switch, 2 speed level, white	1	WE048
2-way CMV switch, 2 speed level, titane	1	WE048T
2-way CMV push button, white	1	WE049
2-way CMV push button, titane	1	WE049T



WE050

Motion detectors without neutral (2 wires)

- 230 V AC / 50 Hz
- 60 ... 320 W/VA

In place of a one way switch with no additional wiring, suitable for :
 - incandescent and halogen lamps 230 V AC
 - ELV lamps with electronic transformer.
 Can be used as master in a configuration with several motion detectors.

Description	Pack qty.	Cat. ref. with screw
white	1	WE050
titane	1	WE050T



WE051

Motion detectors without neutral (3 wires)

- incandescent and halogen:
 230 V AC: 0 ... 1000 W
 other loads: 0 ... 500 VA

- incandescent and halogen lamps 230 V AC,
 - ELV lamps with electronic or ferromagnetic transformer
 - fluorescent lamps
 - CMV, fan...
 Can be used as master or slave in a configuration with several motion detectors.

Description	Pack qty.	Cat. ref. with screw
white	1	WE051
titane	1	WE051T



WE063, WE064

Dimmers

- automatically recognize load type (halogen, dimmable CFL, dimmable LED, electronic or ferromagnetic transformer, incandescent or halogen)

- 230V AC, 50/60 Hz
- incandescent and halogen lamps 230V AC, 20 to 275W
- dimmable LED or CFL, 3 to 70W
- ferromagnetic or electronic transformer, 20 to 250VA

Description	Pack qty.	Cat. ref. with screw
rotary dimmer, white	1	WE060
rotary dimmer, titane	1	WE060T
push button dimmer, white	1	WE061
push button dimmer, titane	1	WE061T

Comfort controls

Flush mounting
 - for switches choose 40mm depth boxes
 - for dimmers and motion detectors choose 50mm depth boxes

Connection capacity:
 Connection
 - mini: 2 x 1mm² rigid wire
 - maxi: 2 x 2,5mm² rigid wire
 Screw connection:
 - maxi: 2 x 2,5mm² rigid wire
 - maxi: 2 x 2,5mm² flexible wire

Complies with NF EN 60-669-1 for WE300, WE301.
 NF EN 60-730-2, NF EN 60-335-1
 NF EN 55-014-1, NF EN 61-000-3 for WE310.

Glow wire test according to NF EN 60 695-2

Possibility to add claws for all mechanisms with screw:
 - short WK696
 - long WK697

IP2XC products

Rolling shutters 10 A - 250 V AC, quickconnect

Description	Pack qty.	Cat. ref.
double 2-way switch with mechanical interlocking, white	1	WE300
double 2-way switch with mechanical interlocking, titane	1	WE300T
double 2-way push button for an automation management, white	1	WE301
double 2-way push button for an automation management, titane	1	WE301T



WE301

Electronic thermostats

- power supply: 230 V AC / 50 Hz
 - output: 2-way switch
 - adjustment range: +5°C to +30°C
 - accuracy: ± 0,5°C
 - output relay: 8 A - 250 V AC for
 - a power factor = 1

Description	Pack qty.	Cat. ref.
white	1	WE310
titane	1	WE310T



WE310

Clip-on frame

- UV resistant material with antistatic texture
- accurate mounting thanks to clip step
- slot to remove the frame on the side

Glow wire test according to NF EN 60 695



WE421

WE431



WE441

WE461



WE471

WE491

Horizontal/Vertical frames

- center distance: 71mm

Description	Pack. qty.	Cat. ref. single frame 80 x 80 mm	Pack. qty.	Cat. ref. double frame 80 x 151 mm	Pack. qty.	Cat. ref. triple frame 80 x 222 mm	Pack. qty.	Cat. ref. quadruple frame 80 x 293 mm
white	10	WE401	10	WE402	5	WE403	1	WE404
black	10	WE401N	10	WE402N	1	WE403N	1	WE404N
graphite	1	WE421	1	WE422	1	WE423	1	WE424
sisal	1	WE431	1	WE432	1	WE433	1	WE434
blue	1	WE441	1	WE442	1	WE443	1	WE444
bronze	1	WE461	1	WE462	1	WE463	1	WE464
red	1	WE471	1	WE472	1	WE473	1	WE474
titane	1	WE491	1	WE492	1	WE493	1	WE494



WE406

WE407N

Horizontal/Vertical frames

- center distance: 57mm

Description	Pack. qty.	Cat. ref. double frame 80 x 151 mm	Pack. qty.	Cat. ref. triple frame 80 x 222 mm
white	10	WE406	5	WE407
black	10	WE406N	1	WE407N
graphite	1	WE426	1	WE427
sisal	1	WE436	1	WE437
blue	1	WE446	1	WE447
bronze	1	WE466	1	WE467
red	1	WE476	1	WE477
titane	1	WE496	1	WE497

Single frames

Description	Cat. ref.
set of 50 single plates WE401, white	WE40150



WE416

16 modules frame

Description	Pack. qty.	Cat. ref.
2 x 8 horizontal modules, 165 x 235 mm, white	5	WE416
2 x 8 horizontal modules, 165 x 235 mm, titane	5	WE498



WE681

Surface boxes

Description	Pack. qty.	Cat. ref.
1 gang, halogen free, 80 x 80 x 40 mm, white	10	WE681
1 gang, halogen free, 80 x 80 x 40 mm, titane	10	WE681T
2 gangs, halogen free, 80 x 161 x 40 mm, center distance 71 mm, white	5	WE682
2 gangs, halogen free, 80 x 161 x 40 mm, center distance 71 mm, titane	5	WE682T



WE450

Frame support

Description	Pack. qty.	Cat. ref.
with screws, for 2 45 x 45 systo modules, white	10	WE450

Mechanisms IP55 controls

Glow wire test according to NF EN 60 695-2

Connection capacity quickconnect

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2,5mm² rigid wire

Complies with NF EN 60-669-1
Products IP55, IK07

Switches 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
two way switch	10	WNA001	1	WNA001B
illuminated two way switch equipped with a lamp for locator use 250V 0.4mA - blue	10	WNA002	1	WNA002B
illuminated two way switch with neutral for indicator use equipped with a lamp for indicator use 250V 0.4mA - red	10	WNA003	1	WNA003B
two way switch with label holder	1	WNA006	1	WNA006B
two pole switch with lamp	10	WNA007	-	-
two pole switch with 0/1 marking	10	WNA008	1	WNA008B
rotary dimmer	1	WNA009	1	WNA009B
intermediate switch	1	WNA010	-	-



WNA002



WNA006B

Push buttons 10 A - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
NO contact	1	WNA020	1	WNA020B
illuminated changeover NO + NC contact equipped with a lamp for locator use 250V 0.4mA - blue	1	WNA021	1	WNA021B
changeover NO + NC contact	10	WNA022	1	WNA022B
illuminated NO contact for locator or indicator use equipped with a lamp for indicator use 250V 0.4mA - red	1	WNA023	1	WNA023B
NO contact with label holder equipped with a lamp for locator use 12-24V 0.4mA	10	WNA025	1	WNA025B



WNA020B



WNA025

Double switches 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
double two way switch	10	WNA040	1	WNA040B
double two way switch with lamp equipped with a blue lamp 250V ; 0.4 mA	1	WNA041	1	WNA041B



WNA040B

Double push buttons 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
double push button changeover NO + NC convertible into a two way switch +push button by spring removing	1	WNA044	1	WNA044B
double push button changeover NO + NC with lamp convertible into a two way switch +push button by spring removing equipped with a blue lamp 250V ; 0.4 mA	1	WNA045	1	WNA045B



WNA044

Mechanisms IP55 control comfort and sockets

Complies with NF C 60-314
Products IP55, IK07

Connection capacity quickconnect

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2.5mm² rigid wire



Emergency stop 10 A - 250 V AC

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
1NO + 1NC with key	1	WNA032	-	-
1NO + 1NC 1/4 turn	1	WNA033	-	-

WNA032

Adaptor

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for push button, switch, pilot light , Ø 22.5 mm	1	WNA038	-	-



Key switches 10A - 250V AC

- RONIS key n°601

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2 positions 1 - 2	1	WNA035	-	-
3 stay put positions 1 - 0 - 2 key withdrawal in all position	1	WNA036	-	-
3 positions 1 - 0 - 2 with spring return key withdrawal only in position 0	1	WNA037	1	WNA037B

WNA036



Rolling shutter controls 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2 gang shutter switch with mechanical interlocking	10	WNA300	1	WNA300B
2 gang shutter push button for an automation management	10	WNA301	1	WNA301B

WNA300



Sockets 16 A - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2P + E	10	WNA100	1	WNA100B
2P + E with label holder	1	WNA104	1	WNA104B
2P + E with mechanical keying	1	WNA105	1	WNA105B
schuko sockets	10	WNA160	1	WNA160B

WNA100



WNA104

Adapters

- adapter for 2 modules wide format 45 x 45

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for 45 x 45 systo basic mechanism (flush or surface mounting)	1	WNA450	-	-
for 45 x 45 systo tebis mechanism (flush or surface mounting)	1	WNA455	1	WNA455B



WNA450

Signalling 10 AX - 250 V AC

- 2 versions available:

- blank label : is used to give an information or for locator use
- printed label : is used to give a signaling

- brightness control thanks to an adjusting screw on the mechanisms

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
green/red lamp	1	WNA601	-	-
blue lamp	1	WNA602	-	-
white lamp	1	WNA603	-	-
blank label	1	WS604	-	-
stair label	1	WS605	-	-
lift label	1	WS606	-	-
WC label (man-woman-disabled)	1	WS607	-	-
room label (free-busy)	1	WS608	-	-
hotel label	1	WS609	-	-



WNA601 + WS609



WNA602 + WS606

Plugable lamps for locator use

- 0.4 mA max.

Description	Pack qty.	Cat. ref.
blue "I" form 250V	10	WUZ690
blue "I" form 12/24V	10	WUZ692
red "I" form 250V	10	WUZ695
red "I" form 12/24V	10	WUZ697
white "I" form 250V	10	WUZ698



WUZ692



WUZ698

Plugable lamps for indication use

- 0.75 mA max.

Description	Pack qty.	Cat. ref.
red "L" form 250V	10	WUZ691
blue "L" form 250V	10	WUZ696
white "L" form 250V	10	WUZ699



WUZ691



WUZ696

Cable outlets

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for cable Ø 5 up to 12 mm	1	WNA155	1	WNA155B

Blank plates

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for cable Ø 5 up to 12 mm	1	WNA157	1	WNA157B



WNA695

Lighting rings

- made for surface mounting products only
- can be fitted in place of the basic ring

Description	Pack qty.	Cat. ref.
Low light level		
white 230 V 0.3 mA	1	WNA695
white 12/24 V 0.3 mA (12 V) - 0.6 mA (24 V)	1	WNA696
double vertical lighting ring 230V 0.3 mA + 0.3 mA	1	WNA699
High light level		
blue 230 V 5 mA	1	WNA697
blue 12/24 V 2.5 mA (12 V) - 5 mA (24 V)	1	WNA698



WNA699



WUZ681



WUZ686

Plug in lamps

- according to the chosen lamp the product can be either an "indicator function" or a "locator function"
- LED with wires
- lifetime min. 50,000 h

Description	Cat. ref.
blue 250 V, consumption 0.4 mA max.	WUZ686
red 250 V, consumption 0.8 mA max.	WUZ681
blue 12/24 V, consumption 2.5 mA max.	WUZ682
red 12/24 V, consumption 2.8 mA max.	WUZ687



WK696

Claws

Description	Pack qty.	Cat. ref.
short claws	50	WK696
long claws	50	WK697

Surface mounting boxes

- available in white or in grey
- suitable for mechanisms IP55 to do single, double or triple complete surface mounting gangs

Flush mounting supports

- available in white or in grey
- suitable for mechanisms IP55 to do single, double or triple complete flush mounting gangs

Surface mounting boxes with glands M20

Description

Pack qty.

Cat. ref. grey

Pack qty.

Cat. ref. white

simple

1 single entry: 1 x gland M20 1 **WNA650** 1 **WNA650B**

1 double entry: 2 x gland M20 1 **WNA651** 1 **WNA651B**

1 single entry: 1 x gland M20
1 single output: 1 x gland M20 1 **WNA652** 1 **WNA652B**

1 double entry: 2 x gland M20
1 single output: 1 x gland M20 1 **WNA653** 1 **WNA653B**

double vertical

1 single entry: 1 x gland M20 1 **WNA654** 1 **WNA654B**

1 single entry: 1 x gland M20
1 single output: 1 x gland M20 1 **WNA656** 1 **WNA656B**

1 double entry: 2 x gland M20 1 **WNA655** 1 **WNA655B**

1 double entry: 2 x gland M20
1 single output: 1 x gland M20 1 **WNA657** 1 **WNA657B**

double horizontal

1 single entry: 1 x gland M20 1 **WNA658** 1 **WNA658B**

1 double entry: 2 x gland M20 1 **WNA659** 1 **WNA659B**

fitting template

for surface boxes 1 **WNA692** - -



WNA650



WNA651



WNA652



WNA653



WNA654



WNA656



WNA655



WNA657



WNA655



WNA657



WNA658



WNA659



WNA692

Surface mounting boxes

- available in white or in grey
- suitable for mechanisms IP55 to do single, double or triple complete surface mounting gangs

Flush mounting supports

- available in white or in grey
- suitable for mechanisms IP55 to do single, double or triple complete flush mounting gangs



WNA681

Surface mounting boxes

- made for surface mounting products only
- can be fitted in place of the basic ring
- top: one membrane for tube/cable entry



WNA682



WNA683



WNA686

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
bottom: one membrane with 2 cable entries				
1 gang	10	WNA681	10	WNA681B
2 horizontal gang	5	WNA682	5	WNA682B
3 horizontal gang	1	WNA683	1	WNA683B
2 horizontal gang 4 entries	5	WNA685	5	WNA685B
2 vertical gang	5	WNA686	5	WNA686B
bottom: one membrane for tube/cable entry				
1 gang	10	WNA690	-	-

Box accessories



WNA690



WNA691



WNA693



WNA694

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2 cable entries	10	WNA690	10	WNA690B
cable or tube entry	10	WNA691	10	WNA691B
M20 glands for ø7 to 14 cable entry	10	WNA693	-	-
link boxes (to link vertical boxes together)	10	WNA694	-	-

Box accessories



WNA401



WNA402



WNA403

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
single	10	WNA401	10	WNA401B
horizontal double	5	WNA402	5	WNA402B
vertical double	5	WNA408	5	WNA408B
horizontal triple	1	WNA403	1	WNA403B

Complete surface mounting controls and sockets

Glow wire test according to NF EN 60 695-2
Products IP55, IK07

Connection capacity quickconnect

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2.5mm² rigid wire

Switches 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
two way switch	10	WNC001	1	WNC001B
illuminated two way switch for locator use equipped with a blue lamp 250 V 0.4mA for locator use	1	WNC002	-	-
illuminated two way switch with neutral for indicator use equipped with a red lamp 250V 0.75mA for indicator use	1	WNC003	-	-
2 gang two way switch	1	WNC040	-	-
illuminated 2 gang two way switch for locator use	1	WNC041	-	-
2 gang one way switch with common entrance	1	WNC042	1	WNC042B
illuminated timer switch	1	WNC009	1	WNC009B



WNC001



WNC009

Push buttons 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
NO contact	1	WNC020	1	WNC020B
illuminated changeover NO + NC contact equipped with a lamp 250 V AC for locator use	10	WNC021	1	WNC021B
changeover NO + NC contact	1	WNC022	-	-
illuminated NO contact for locator or indicator use equipped with a red lamp 250V for indicator use	10	WNC023	-	-
NO contact with label holder equipped with a blue lamp 12-24V for locator use	10	WNC025	1	WNC025B
double push button changeover NO + NC convertible into a two way switch+push button by spring removing	1	WNC044	-	-



WNC025

Key switches

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
emergency key switch	1	WNC032	-	-
emergency 1/4 turn	1	WNC033	-	-
2 positions 1 - 2 stay put, key withdrawal in all positions	1	WNC035	-	-
3 positions 1 - 0 - 2 stay put, key withdrawal in all positions	1	WNC036	-	-



WNC035

Sockets 16 A - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2P + E	10	WNC100	-	-
horizontal double 2P+E pre-wired	5	WNC122	1	WNC122B
horizontal triple 2P + E pre-wired	1	WNC123	1	WNC123B
vertical double 2P + E pre-wired	5	WNC132	1	WNC132B
Schuko sockets	10	WNC160	-	-



WNC122



WNC100E



WNC100J



WNC100R



WNC100V

Sockets

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2P + E with orange flap	1	WNC100E	-	-
2P + E with yellow flap	1	WNC100J	-	-
2P + E with red flap	1	WNC100R	-	-
2P + E with green flap	1	WNC100V	-	-
adaptor for systo tebis	1	WNC455	1	WNC455B



WNC155

Cable outlet

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for cables Ø 5 to 12 mm	1	WNC155	1	WNC155B



XEVO80

witty e-vehicle socket

- 3.2 kW - 250V AC

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2P + E	1	XEVO80	-	-

Flush mounted controls and sockets

Connection capacity quickconnect connection

- mini: 2 x 1mm² rigid wire
- maxi: 2 x 2.5mm² rigid wire

Complies with NF C 60-669-1, NF C 60-314
Glow wire test according to NF EN 60 695-2
IP55, IK07 products

Switches 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
two way switch	10	WNE001	1	WNE001B
double two way switch	10	WNE040	1	WNE040B



WNE001

Push buttons 10 AX - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
illuminated NO contact for locator or indicator use equipped with a red lamp 250V for indicator use	10	WNE023	1	WNE023B
illuminated NO contact for locator or indicator use equipped with a blue lamp 12 V AC for indicator use	10	WNE025	1	WNE025B



WNE023B

Sockets 16 A - 250 V AC quickconnect

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
2P + E	10	WNE100	1	WNE100B
horizontal double 2P+E pre-wired	5	WNE122	1	WNE122B
horizontal triple 2P + E pre-wired	3	WNE123	3	WNE123B
vertical double 2P + E pre-wired	5	WNE132	5	WNE132B
Schuko sockets	10	WNE160	1	WNE160B



WNE100



WNE132B

Cable outlet

Description	Pack qty.	Cat. ref. grey	Pack qty.	Cat. ref. white
for cables Ø 5 to 12 mm	1	WNC155	1	WNC155B

Claws

Description	Pack qty.	Cat. ref.
short claws	50	WK696
long claws	50	WK697

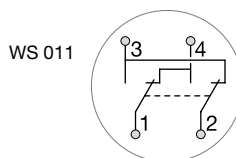
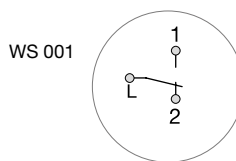
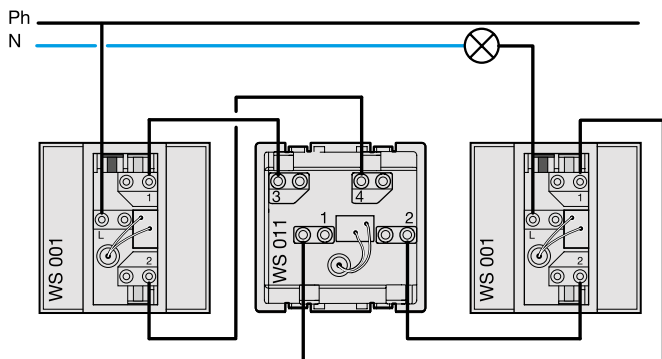


WK696

Controls

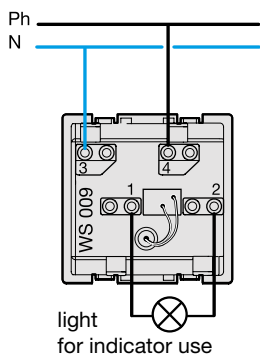
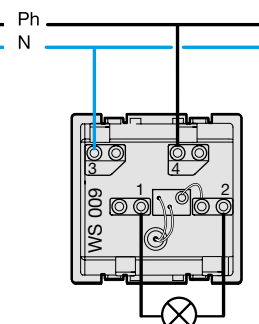
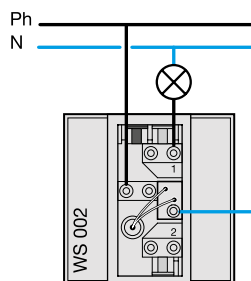
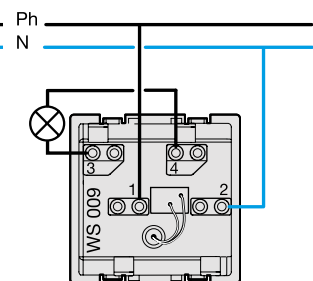
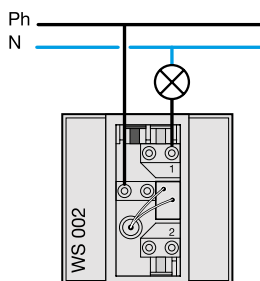
Wiring diagram

Illuminated intermediate switch WS011



- **WS690 or WS692** lamp or locator use with electrical connection for devices WS002, WS006, WS013, WS014, WS023, WS025, WS030, WS031 and WS009

- **WS691** lamp or locator use with electrical connection for devices WS002, WS006, WS013, WS014 and WS009

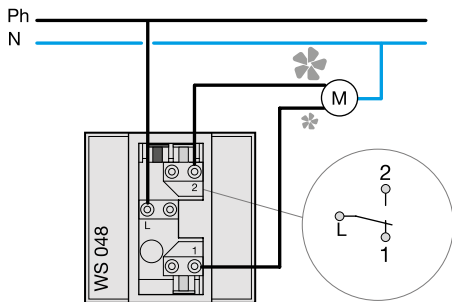


Technical specifications

Lighting function			Light for locator use		Light for indicator use
			- switch: lamp is lit when the load is power off	- push button or 2 pole switch: lamp is always lit	- switch: lamp is lit when the load is power on
	mechanisms		blue light 250 V AC	blue light 12-24 V DC	red light 250 V AC
Switches	1 module	2 modules			
- 2 ways switch	WS013	WS002	WS690	WS692	WS691
- 2 ways switch with label holder	WS014	WS006	WS690	WS692	WS691
- 2 pole switch with light indicator	-	WS009	WS690	WS692	WS691 (blue with lamp WS690)
- illuminated intermediate switch	-	WS011	WS690	WS692	-
Push buttons					
- illuminated push button 1NO+1NC	WS030	WS023	WS690	WS692	-
- push button 1NO+1NC with label holder	WS031	WS025	WS690	WS692	-
Socket outlet					
- 2P+E with red LED	WS103	-	-	-	WUZ694







CMV control

WS048: 2 speeds without stop position



Dimmer switches

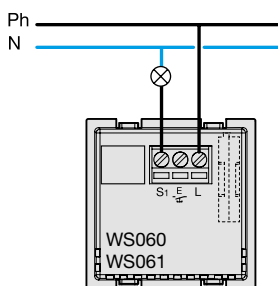
Technical characteristics

Load	WS060 rotary switch dimmer	WS061 push button dimmer
halogen or incandescent lamps 230V  	20 to 275 W	20 to 275 W
ELV halogen lamps supplied by ferromagnetic transformer  	20 to 250 VA	20 to 250 VA
ELV halogen lamps supplied by electronic transformer  	20 to 250 VA	20 to 250 VA
LED and CFL lamps	3 to 70 W	3 to 70 VA
Characteristics		
overload protection	electronic	electronic
standby power consumption	0.1 W	0.1 W
lighting level storage	yes	yes
softstart / softstop	yes	yes
latching relay function / remote dimmer	yes	yes

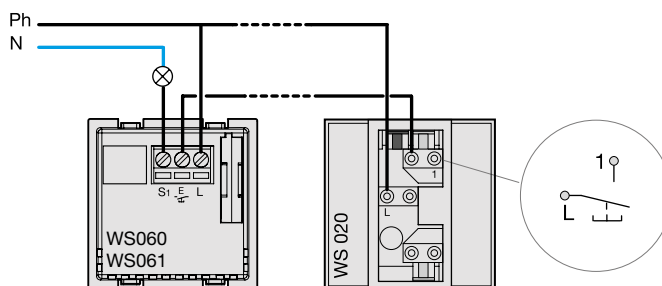
European switches and sockets

Wiring diagram

- to substitute a switch



- to substitute a 2 way switch:
possibility to connect push buttons (type WS022) on the input E.
They will have the same function as the dimmer itself.



← 40 m maxi →

Working principle if push buttons are associated to a dimmer:
 - short press: switching on / switching off (variation level storage)
 - long press: variation, each press invert the variation sense
 - push buttons cannot be equipped with light indicator.

Motion detectors

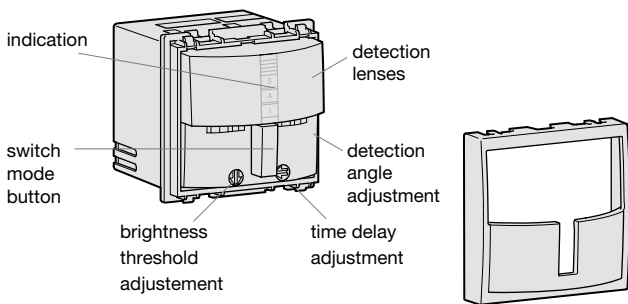
Technical characteristics

Load	WS050	WS051
halogen or incandescent lamps 230V	60 to 320 W	0 to 1000 W
ELV halogen lamps supplied by ferromagnetic transformer		0 to 500 VA
ELV halogen lamps supplied by electronic transformer	60 to 320 VA	0 to 500 VA
fluorescent lamps		0 to 500 VA

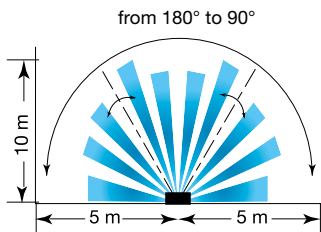
Characteristics

brightness threshold	5 to 800 lux (possibility to disable)	
time delay	2 s to 30 min	
detection angle	90° to 180°	
overload protection	electronic	
overcurrent protection	electronic	fuse F 4A H
use as master	yes	yes
use as slave	no	yes
remote timer function	yes	yes

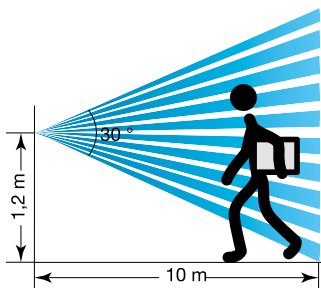
Product presentation



Detection area



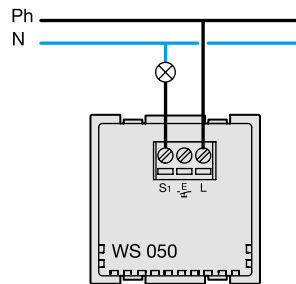
left and right area adjustment



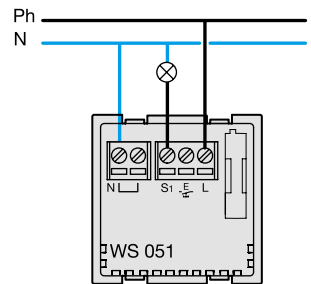
limitation of detection area with potentiometers on test position

Wiring diagram

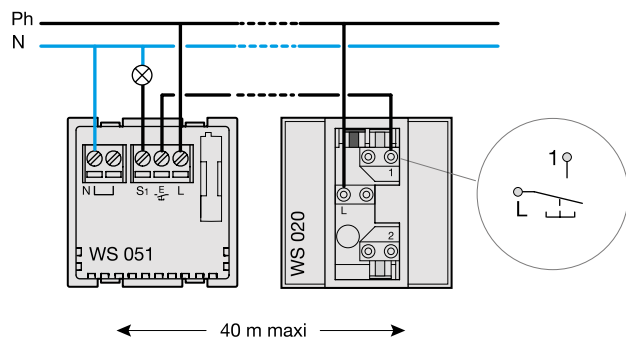
- 2 wire version to substitute a switch



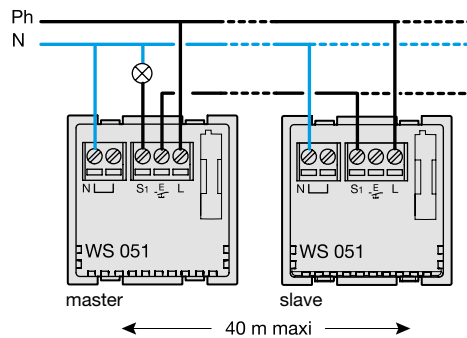
- 3 wire version without minimal load



- possibility to add push buttons on input "E" to force the switching on (see wiring)



- extension of detection area



Product description

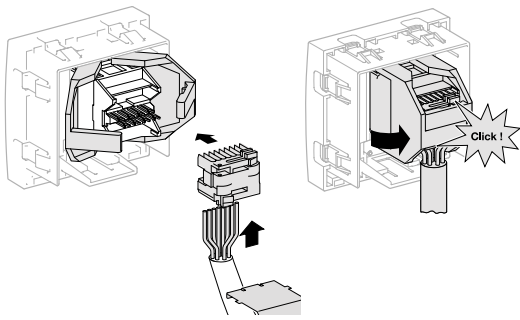
Adjustment of brightness threshold:

- manual: through potentiometer
- automatic: the threshold corresponds to the current room brightness.

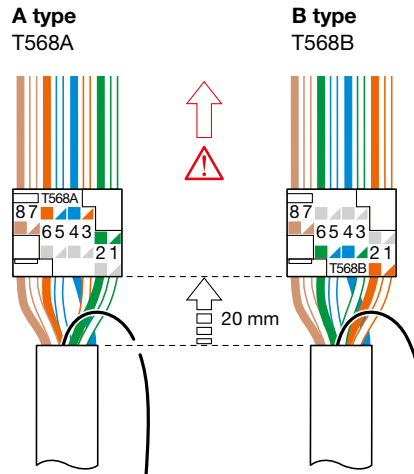
Selection of the mode through short press on button:

- automatic mode: release when passage detection, and brightness lower than threshold,
- Forced switching on and off,
- temporary forcing: lighting on during 2 hours then returns to the automatic mode,
- security: this mode disable the selection by press on the front button.

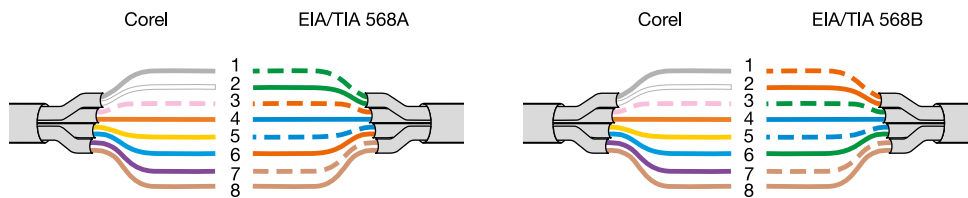
RJ45 sockets connection



Wiring diagram



Agreement conformity between Corel/EIA-TIA



Residential wiring recommendation according to UTE-C 90 483

	grade 1 telcom service	phone + LAN	grade 3 multiservices	multimedia
cable	grade 1		grade 3	
connector	category 5 e FTP		category 6 STP	
systo reference	1 module 2 modules	WS213 WS214	WS225 WS226	
analog voice transmission				
RNIS digital voice transmission + internet				
internet ADSL				
local network 100Mbits/s				
video, digital TV (analog by telcom line)				
local network 1Gbit/s				
analog and digital TV (VHF/UHF)				
satellite TV				

advisable
 adapted
 minimal
 unadapted

TV sockets

Technical specification

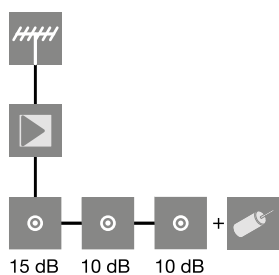
ref.	type	dB	75Ω		direct current (1)	back	band 1	FM	VHF	UHF	SAT
					mA	4-30 MHz	47-68 MHz	87,5-108 MHz	120-470 MHz	470-862 MHz	950-2400 MHz
WS250	direct socket	< 1 dB				TV		-	TV		-
WS251	terminal socket	10 dB	yes								
WS252	socket	15 dB	yes								
WS253	direct socket	< 1 dB				TV		FM	TV		-
WS254	terminal socket	10 dB	yes								
WS255	socket	15 dB	yes								
WS256	1 inlet				500 mA	TV		FM	TV		SAT
WS257	2 inlets				500 mA						

(1) amplifier or LNB satellite remote power feeding

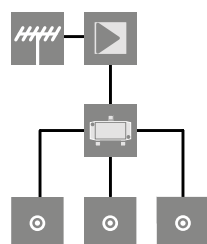
House



Simple TV socket



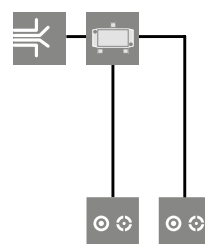
Simple TV socket



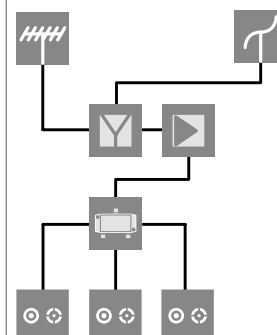
Simple TV socket



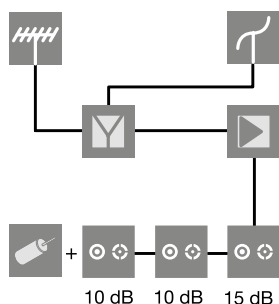
TV - FM socket wired network



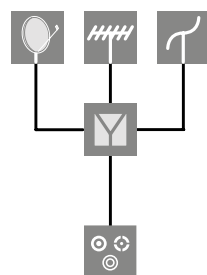
TV - FM socket hertzian reception



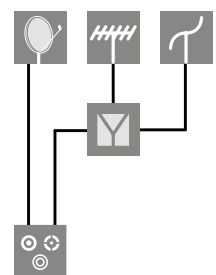
TV - FM socket



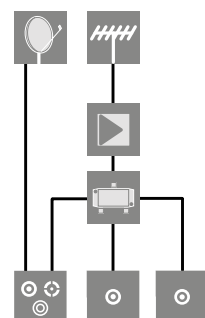
TV - FM - SAT socket 1 inlet



TV - FM - SAT socket 2 inlets



TV - FM - SAT socket + simple TV socket

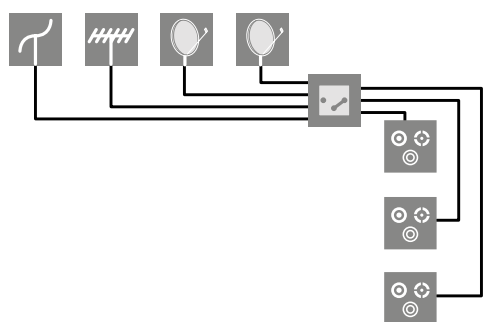


- parabolic antenna for satellite reception
- hertzian antenna for TV
- hertzian antenna for FM
- wiring network
- switch for satellite antenna
- antenna band mixer
- amplifier
- splitter
- TV socket
- TV - FM socket
- TV - FM - SAT socket
- terminal resistance 75Ω

Block of flats



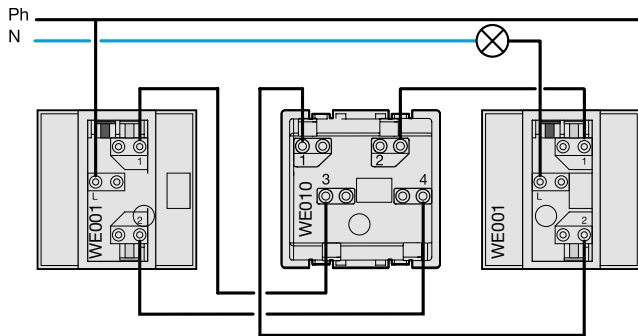
TV - FM - SAT socket



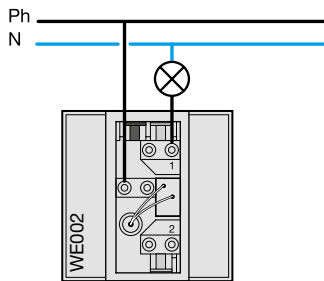
Controls

Circuit diagram

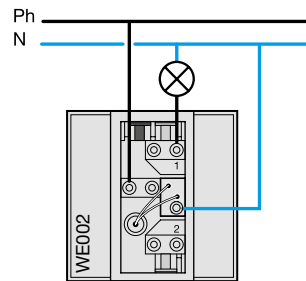
- **Illuminated intermediate switch WE010**



- **WS690 or WS692** lamps for locator use with connector for devices WE002, WE023, WE025, WE045



- **WS691** lamp for indicator use with connector for devices WE002, WE023, WE025, WE045

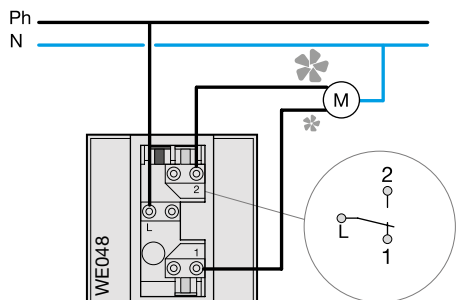


Technical specifications

Lighting function	Light for locator use		Light for indicator use	
	- switch: lamp is lit when the load is power off - push button or 2 pole switch: lamp is always lit		- switch: lamp is lit when the load is power on	
	mechanisms	blue light 250 V AC	blue light 12-24 V DC	red light 250 V AC
Switches				
- illuminated 2 way switch	WE002	WS690	WS692	WS691
- illuminated 2 gang 2 way single way	WE045	WS690	WS692	WS691
Push buttons				
- illuminated push button 1NO+1NC	WE023	WS690	WS692	-
- push button 1NO+1NC with label holder	WE025	WS690	WS692	-
- illuminated 2 gang 2 way single way	WE045	WS690	WS692	WS691




CMV control

WE048: 2 speeds without stop position



Dimmer switches

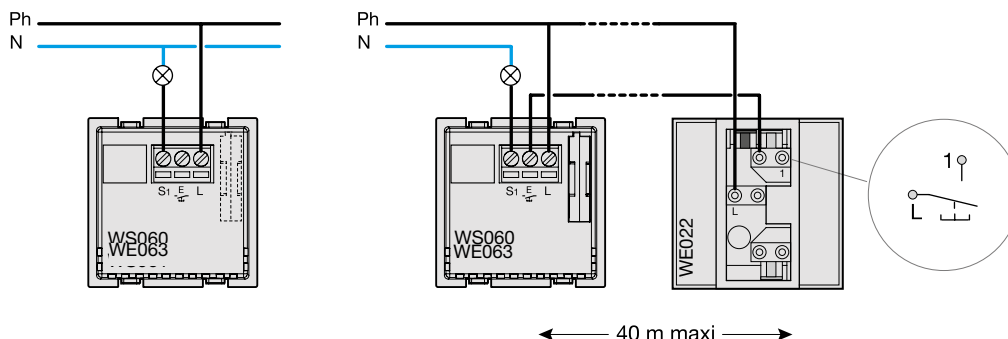
Technical characteristics

Load	WE060 rotary switch dimmer	WE061 push button dimmer
halogen or incandescent lamps 230V 	20 to 275 W	20 to 275 W
ELV halogen lamps supplied by ferromagnetic transformer 	20 to 250 VA	20 to 250 VA
ELV halogen lamps supplied by electronic transformer 	20 to 250 VA	20 to 250 VA
LED and CFL lamps	3 to 70 W	3 to 70 VA
Characteristics		
overload protection	electronic	electronic
standby power consumption	0.1 W	0.1 W
lighting level storage	yes	yes
softstart / softstop	yes	yes
latching relay function / remote dimmer	yes	yes

Wiring diagram

- to substitute a switch

- to substitute a 2 way switch:
possibility to connect push buttons on the input E. They will have the same function as the dimmer itself.



Working principle if push buttons are associated to a dimmer:
 - short press: switching on / switching off (variation level storage)
 - long press: variation, each press invert the variation sense
 - push buttons cannot be equipped with light indicator.

Motion detectors

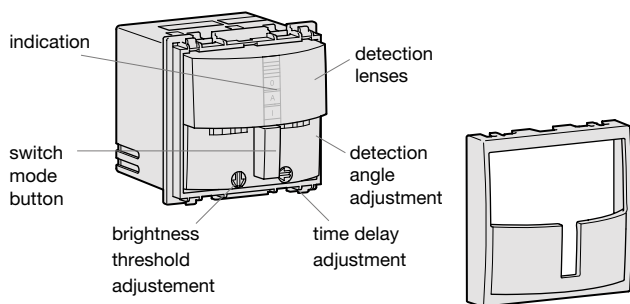
Technical specifications

Load	WE050	WE051
halogen or incandescent lamps 230V	60 to 320 W	0 to 1000 W
ELV halogen lamps supplied by ferromagnetic transformer		0 to 500 VA
ELV halogen lamps supplied by electronic transformer	60 to 320 VA	0 to 500 VA
fluorescent lamps		0 to 500 VA

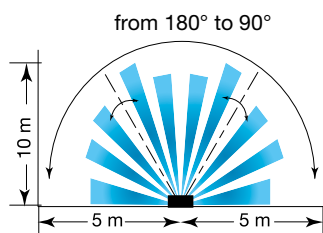
Characteristics

brightness threshold	5 to 800 lux (possibility to disable)	
time delay	2 s to 30 min	
detection angle	90° to 180°	
overload protection	electronic	
overcurrent protection	electronic	fuse F 4A H
use as master	yes	yes
use as slave	no	yes
remote timer function	yes	yes

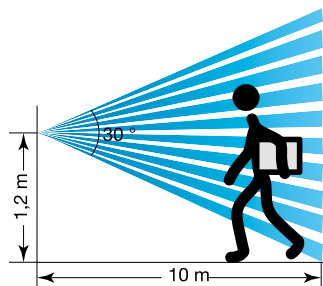
Product presentation



Detection area



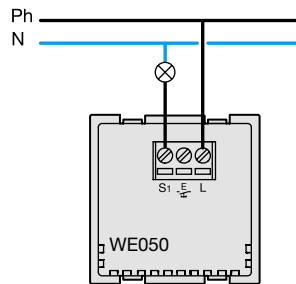
left and right area adjustment



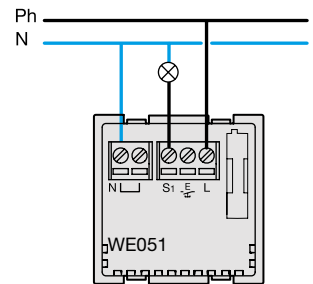
limitation of detection area with potentiometers on test position

Wiring diagram

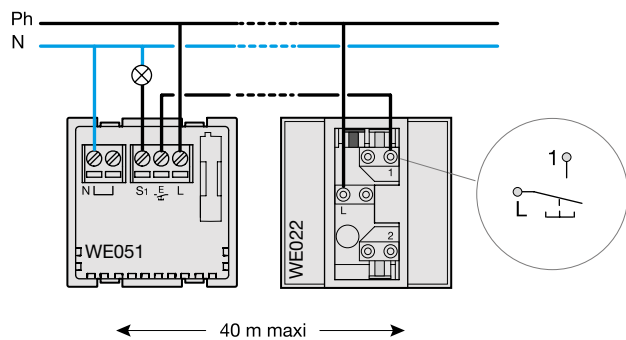
- 2 wire version to substitute a switch



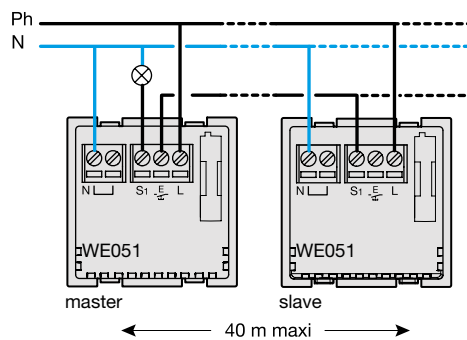
- 3 wire version without minimal load



- possibility to connect push button on input "E" to force the switching on (see wiring)



- extension of detection area



Product description

Adjustment of brightness threshold:

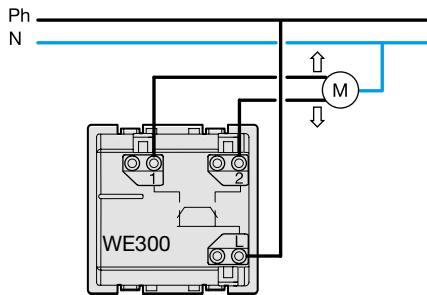
- manual: through potentiometer
- automatic: the threshold corresponds to the current room brightness.

Selection of the mode through short press on button:

- automatic mode: release when passage detection, and brightness lower than threshold,
- Forced switching on and off,
- temporary forcing: lighting on during 2 hours then returns to the automatic mode,
- security: this mode disable the selection by press on the front button.

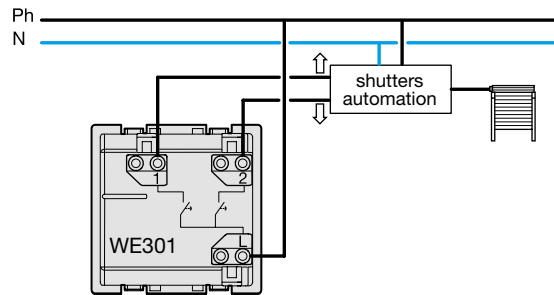
Shutters control: WE300

double 2 way switch: to control shutter motor directly

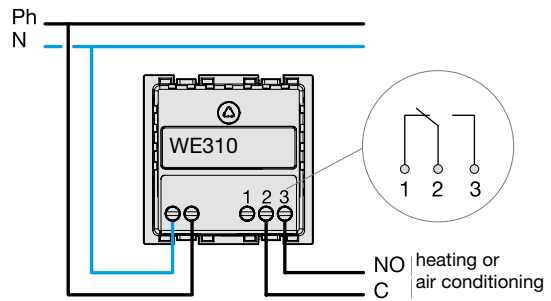
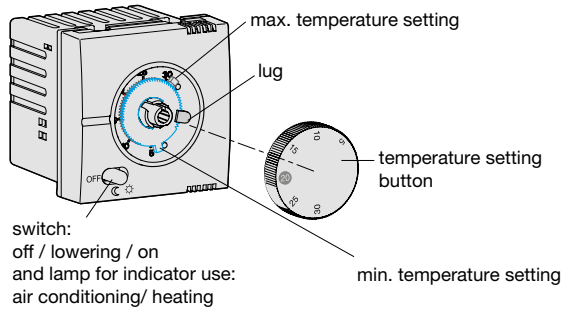


Shutters control: WE301

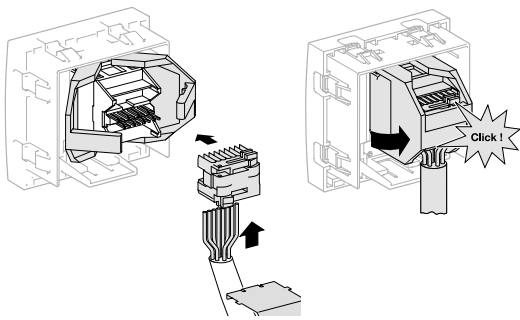
double push button for an automation management



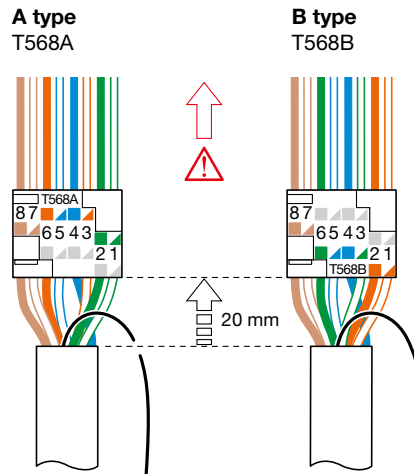
Room thermostat WE310



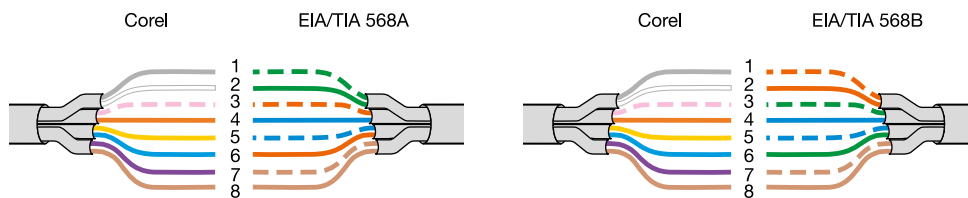
RJ45 sockets connection



Wiring diagram



Agreement conformity between Corel/EIA-TIA



Residential wiring recommendation according to UTE-C 90 483

	grade 1 telcom service	phone + LAN	grade 3 multiservices	multimedia
cable	Grade 1		Grade 3	
connector	FTP		STP	
essensya reference	WE214		WE226	
analog voice transmission				
RNIS digital voice transmission + internet				
internet ADSL				
local network 100Mbits/s				
video, digital TV (analog by telcom line)				
local network 1Gbit/s				
analog and digital TV (VHF/UHF)				
satellite TV				

advisable
 adapted
 minimal
 unadapted

TV sockets

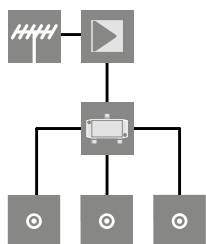
Technical specification

ref.	type	dB	75Ω	direct current (1)	back	band 1	FM	VHF	UHF	SAT
				mA	MHz	MHz	MHz	MHz	MHz	
WE250	direct socket	< 1 dB			4-30	47-68	87,5-108	120-470	470-862	950-2400
WE253	direct socket	< 1 dB			MHz	MHz	MHz	MHz	MHz	MHz
WE256 WE257	1 inlet 2 inlets			500 mA 500 mA	TV		FM	TV		SAT
WE259	1 inlet 2 inlets									SAT

(1) amplifier or LNB satellite remote power feeding

House

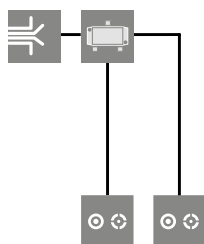
Simple TV socket



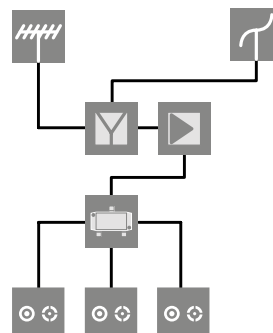
Simple TV socket



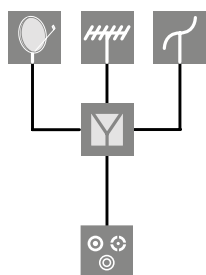
Simple TV socket wired network



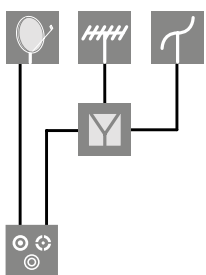
TV - FM socket hertzian reception



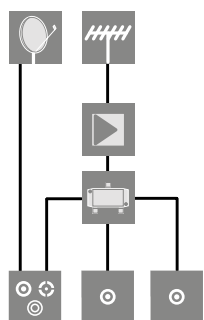
TV - FM - SAT socket 1 inlet



TV - FM - SAT socket, 2 inlets



TV - FM - SAT socket + simple TV socket



parabolic antenna for satellite reception

hertzian antenna for TV

hertzian antenna for FM

wiring network

switch for satellite antenna

antenna band mixer

amplifier

splitter

TV socket

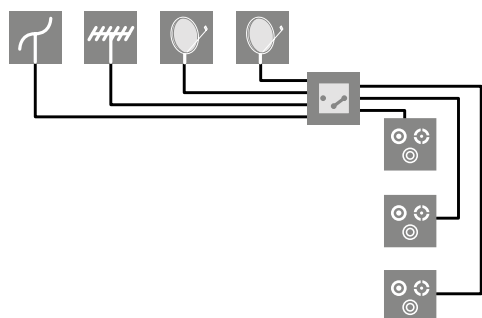
TV - FM socket

TV - FM - SAT socket

terminal resistance 75Ω

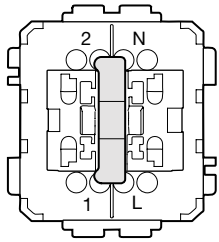
Block of flats

TV - FM - SAT socket

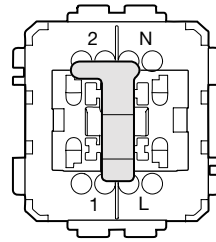


Lamps plug-in

WNA002, WNA002B, WNA006, WNA006B, WNA021,
WNA021B, WNA023, WNA023B, WNA025, WNA025B, WNC021,
WNC023, WNC025, WNE023, WNE023B, WNE025, WNE025B

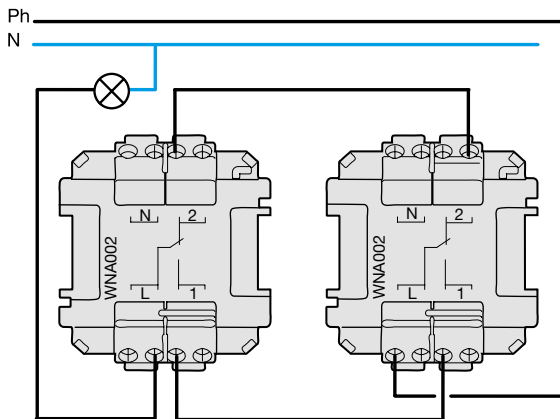


WNA003, WNA003B, WNC003



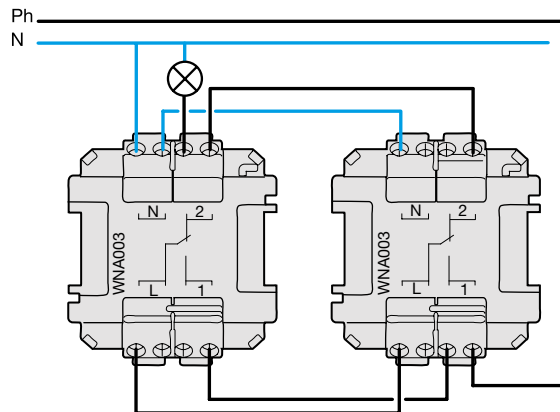
Wiring diagram

WNA002, WNA002B, WNA006, WNA006B,
Illuminated two way switch for locator use



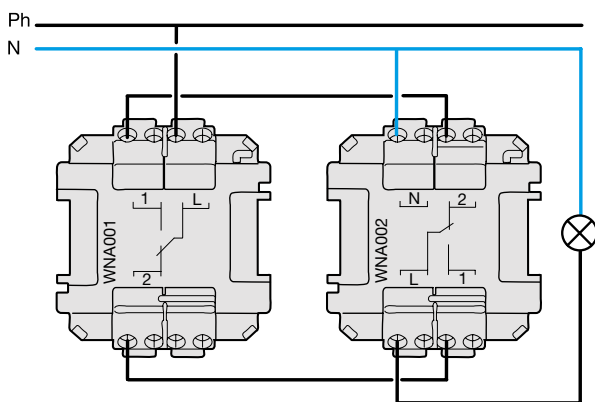
WNA003, WNA003B, WNC003

Illuminated two way switch with neutral for indicator use

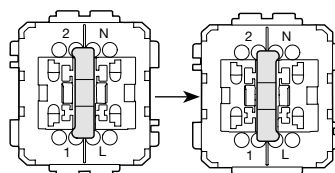


WNA001, WNA002

two way switch for indicator use with : WNA001 (single two way switch) and WNA002 (two way switch equipped with a lamp for locator use) - only one controle point with a two way switch for indicator use possible



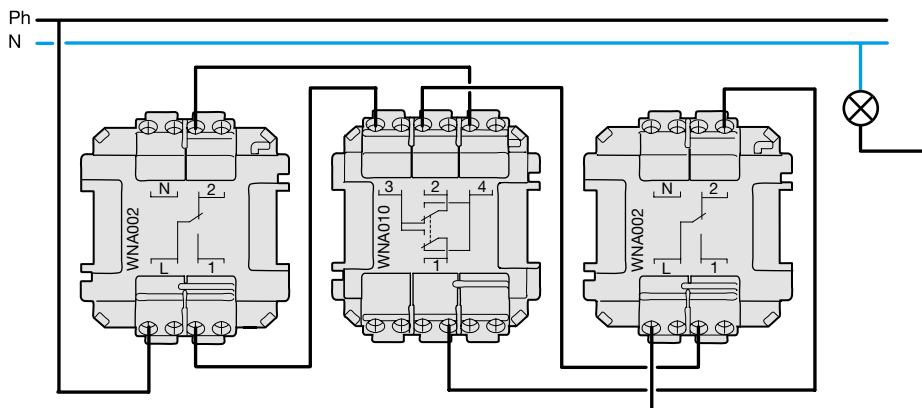
reverse the plug-in direction in order to plug between L and N



Wiring diagram

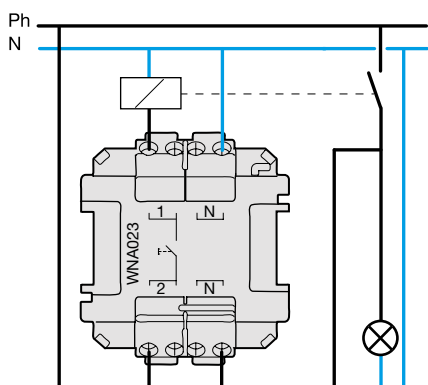
WNA002, WNA010

Intermediate switch wiring (Illuminated switch only for WNA002)



WNA023

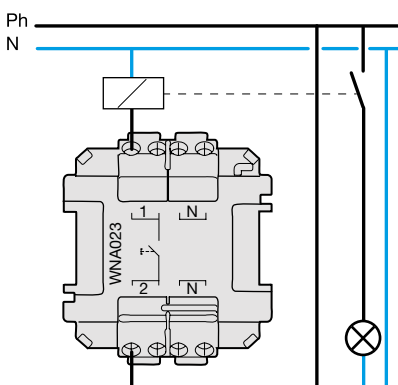
Illuminated push button with lamp for indicator use



Lamp already connected between N / N

WNA023

Illuminated push button with lamp for locator use



Lamp plug-in between 1 / 2



Technical specifications

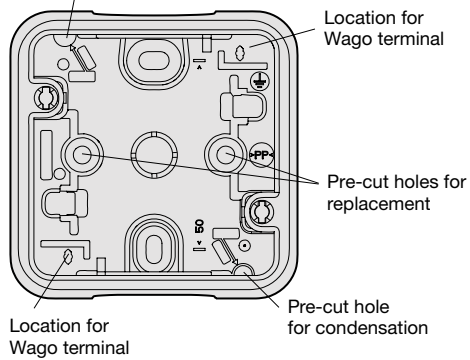
	for locator use			for indicator use			
	lamp 250V	lamp 24V	connection	lamp 250V	lamp 24V	connection	
Switches							
Illuminated (for locator use) two way switch + neutral	WNA002x WNA006x	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	1 / 2	WUZ691 red WUZ696 blue WUZ699 white	-	N / 2
Illuminated (two way switch with neutral)	WNA003x WNC003	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	1 / 2	WUZ691 red WUZ696 blue WUZ699 white	-	N / 2
Push buttons							
Illuminated NO contact with neutral (for locator use)	WNA021x WNC021	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	1 / 2	-	-	-
Illuminated NO contact with label holder (for locator use)	WNA025x WNC025 WNE025x	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	1 / 2	-	-	-
Illuminated NO contact (for locator or indicator use)	WNA023x WNC023 WNE023x	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	1 / 2	WUZ690 blue WUZ695 red WUZ698 white	WUZ692 blue WUZ697 red	N / N

References in **bold** : products are equipped with a lamp

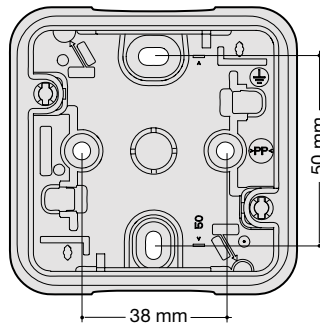
Surface-mounted box

Description

Pre-cut hole for condensation



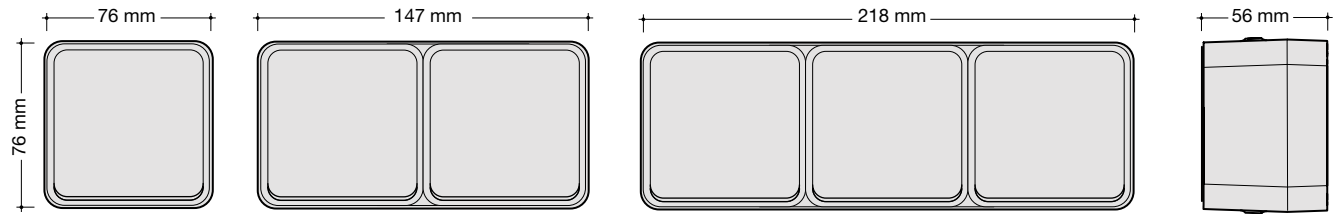
Mounting



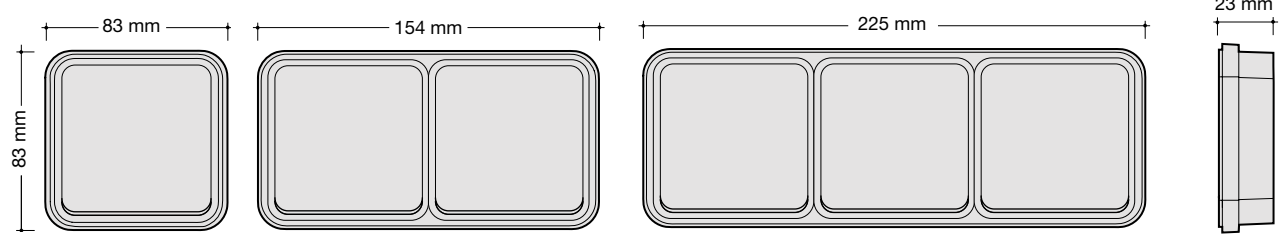
Break the pre-cut hole with a screwdriver. The hole enables condensation to escape. This change the IP from IP55 to IP44

Dimensions

Surface-mounted

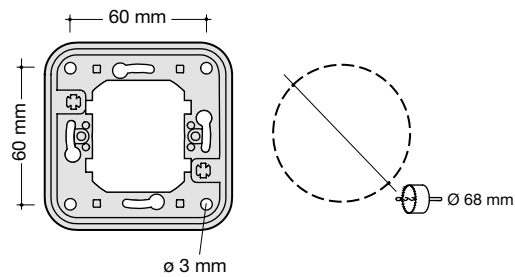


Flush-mounted



Hollow-wall mounting without boxes

Flush-mounted



Technical specifications

Protection rating	IP55 and IK07
Resistance to hot and cold (storage)	-40° C to +60° C
Resistance to hot and cold (in use)	-40° C to +60° C
Ultraviolet resistance	500 hours at 550 W/m ²
Resistance to saline fog	7 days (168 h)
Resistance to a glowing wire	850° C - complies with NF EN 60 695-2
Maintenance	Clean with a damp cloth or soapy water. Do not use trichloroethylene For all other products, make a test beforehand
RAL : Grey version	Boxes, brackets and trims: RAL 7011 Collar: RAL 7035
RAL : White version	RAL 9010
Material	Polypropylene

Resistance to chemicals at 20°C

Acetic acid 10 %	+	Flour	+	Sea water	+
Acetic acid 50 %	+	Food oil	+	Shampoo	+
Acetic anhydride	+	Formic acid	+	Silver salt	+
Acetone	+	Fructose	+	Soap	+
Aluminium	+	Fruit juice	+	Soda water	+
Aluminium salt	+	Gelatin	+	Sodium	+
Ammonia	+	Gin	+	Sodium acetate	+
Ammonium acetate	+	Glucose	+	Sodium carbonate	+
Ammonium carbonate	+	Glycol	+	Sodium chloride (salt)	+
Ammonium chloride	+	Glycerine	+	Sodium hypochlorite 13%	-
Ammonium nitrate	+	Honey	+	Sodium nitrate	+
Ammonium phosphate	+	Hydrochloric acid 10 %	+	Sodium phosphate	+
Ammonium sulfate	+	Hydrochloric acid 36 %	+	Sodium sulfate	+
Amyl acetate	+	Hydrochloric acid 40 %	+	Stearic acid	+
Amyl alcohol	+	Hydrogen	+	Sugar	+
Aniline	+	Isopropyl alcohol	+	Sulfite salt	+
Antifreeze	+	Jam	+	Sulfur	+
Barium	+	Kerosene	-	Sulfuric acid 10%	+
Battery acid	+	Lactic Acid	+	Sulfuric acid 85%	+
Beer	+	Magnesium salt	+	Tar	+
Bees-wax	+	Margarine	+	Tartaric acid	+
Benzene	-	Mayonnaise	+	Tea	+
Benzoic acid	+	Mercury	+	Toothpaste	+
Benzyl alcohol	+	Methyl alcohol (methanol)	+	Trichlorethylene	-
Boric acid	+	Milk	+	Turpentine	-
Brake fluid	+	Mineral oil	+	Urine	+
Bromid	+	Motot oil	+	Vaseline	+
Butane	+	Mustard	+	Vegetables	+
Butter	+	Nitric acid 25%	+	Vinegar	-
Calcium carbonate	+	Nitric acid 50%	-	Washing-up liquid	+
Carbonate salt	+	Oleic acid	+	Water	-
Cheese	+	Olive oil	+	Whisky	+
Chloride	-	Oleic acid	+	White spirit	+
Chlorinated lime	+	Ozone	+	Wine	+
Chloride salt	+	Palm oil	+	Zinc salt	+
Chlorinated water (liquid, gaseous)	-	Parafin	+		
Chloroform	+	Perfume	+		
Citric acid	+	Petroleum, petroleum ether	-		
Cocoa	+	Phenol	+		
Coffee	+	Phosphoric acid	+		
Copper salt	+	Phosphorus	+		
Cream	+	Potassium	+		
Detergent	+	Propane	+		
Ethyl acetate	+	Rum	+		
Ethyl alcohol	+	Salt	+		

+: Good resistance
- : Unstable

