



**Mosaic™ mechanisms**  
switches, pushbuttons, sensitive and automatic switches



Selection chart for boxes, supports and plates (p. 812-813)

All the two-way switches with indicator have a terminal for neutral connection

Pack	Cat.Nos	Switches 10 AX - 250 V~
		Fast connection via automatic terminals, no tool required
		<b>White finish cover plate</b>
10	1 module 770 00   2 modules 770 10	Switch 10 AX
10	770 01   770 11	Two-way switch 10 AX
10	770 02 <sup>(1)(2)</sup>   770 12 <sup>(1)(3)</sup>	Two-way switch, 10 AX with LED indicator
10		<b>Intermediate switch, 10 AX</b>
10	770 21   792 21	White finish Alu finish
10	792 01   792 11	<b>Aluminium finish cover plate</b> Two-way switch, 10 AX
10	792 02 <sup>(1)(2)</sup>   792 12 <sup>(1)(3)</sup>	Two-way switch, 10 AX with LED indicator

Pack	Cat.Nos	Switches 16 AX - 250 V~
		Screws terminals
		<b>White finish cover plate</b>
10	1 module 770 91   2 modules 770 92	Two-way switch 16 AX
10	770 93 <sup>(3)</sup>   770 94 <sup>(3)</sup>	Two-way switch with LED indicator

Pack	Cat.Nos	Switches 20 AX - 250 V~
		Screws terminals
		<b>White finish cover plate</b>
10	1 module   2 modules 770 50	2-pole switch, 20 AX
10	770 52 <sup>(3)</sup>	2-pole switch, 20 AX with LED indicator
10	770 60	Two-way switch, 20 AX
10	770 62 <sup>(3)</sup>	Two-way switch, 20 AX with LED indicator

Pack	Cat.Nos	Pushbuttons 6 A - 250 V~
		Fast connection via automatic terminals, no tool required
		<b>White finish cover plate</b>
10	1 module 770 30   2 modules 770 40	Pushbutton, 6 A
10	770 31   770 41	Two-way pushbutton, 6 A
10	770 33 <sup>(1)</sup>	Pushbutton 6 A with neon for indicator function
10	770 32 <sup>(2)</sup>   770 42 <sup>(2)</sup>	Two-way pushbutton, 6 A with LED indicator
10	770 43	Two-way pushbutton, 6 A with label-holder

Pack	Cat.Nos	Pushbuttons 6 A - 250 V~ (continued)
		<b>Aluminium finish cover plate</b>
10	1 module 792 30   2 modules 792 40	Pushbutton, 6 A
10	792 32 <sup>(3)</sup>   792 42 <sup>(3)</sup>	Two-way pushbutton, 6 A with LED indicator

Pack	Cat.Nos	Sensitive switch, 10 AX
		For controlling light sources by simply passing the hand close to the switch Particularly suitable for applications in medical environments Up to 5 sensitive switches can be combined to control the same lighting circuit Supplied with LED indicator light
1	2 modules 766 66	

Pack	Cat.Nos	Automatic switches 110-230 V~ - 50 Hz
		Infrared detection Detection range adjustable from 3 m to 10 m Horizontal detection angle: 180° Light level threshold adjustable from 3 to 1000 lux Time delay adjustable from 1 s to 16 mins with repetition of cycle as long as movement is detected Remote manual control possible with normally closed pushbutton Integrated self-protection against overloads and short circuits For installation in box depth 40 mm min.
		<b>With neutral, 3-wire, 1000 W</b>
		For controlling lamps: - Up to 1000 W for 230 V~ incandescent or halogen - Up to 500 VA for ELV halogen with ferromagnetic or electronic transformer, compact fluorescent bulbs, fluorescent tubes
1	White 784 51   Aluminium 792 51	2 modules

		<b>Without neutral, 2-wire, 400 W</b>
		For controlling lamps: - Up to 400 W for 230 V~ incandescent or halogen - Up to 400 VA for ELV halogen with ferromagnetic or electronic transformer
1	784 56   792 56	2 modules

**Lighting management** (p. 908)

(1) For the two-way switch indicator function, in distributed phase  
For the two-way switch indicator function, in conventional wiring, use indicator light Cat.No 676 65 (see p. 546)  
(2) For the illuminated function, use indicator light Cat.No 676 66 for 230 V and 676 67 for 12, 24 and 48 V (see p. 546)  
(3) For the indicator or illuminated functions use Cat.No 676 64 (see p. 546)

**NEW**

## Mosaic™ mechanisms dimmer switches



## Mosaic™ mechanisms lighting environment controller



784 01



784 02



784 30



784 31

Selection chart for boxes, supports and plates (p. 812-813)

Selection chart for boxes, supports and plates (p. 812-813)

All dimmer switches have separate buttons on the front face for switching on/off and for +/- dimming  
Can be remotely controlled via non-illuminated pushbuttons (p. 792), with each pushbutton able to perform the dimming function  
When switched on, lighten at the level set before last switched off  
For installation in flush-mounting box depth 40 mm min.

Pack	Cat.Nos	Dimmer switches 110-230 V~ - 50 Hz
1	2 modules 784 01	All dimmer switches (except for Cat.No 784 05) can be used as two-way switches in combination with a switch (p. 792) <b>Without neutral, 2-wire, 400 W</b> For controlling lamps: - Up to 400 W for 230 V~ incandescent or halogen - Up to 400 VA for ELV halogen with ferromagnetic or electronic transformer White finish cover plate 
1	792 04	Aluminium finish cover plate 
1	5 modules 784 02	<b>With neutral, 3-wire, 1000 W</b> For controlling lamps: - Up to 1000 W for 230 V~ incandescent or halogen - Up to 1000 VA for ELV halogen with ferromagnetic or electronic transformer 5 LEDs displaying the current level of the circuit White finish cover plate 
1	792 06	Aluminium finish cover plate 
1	2 modules 784 04	<b>Dimmer switch 0-10 V</b> For on/off/dimming control of fluorescent tubes with 0-10 V electronic ballast Max. control current: 40 mA Max. power: 600 VA 
1	2 modules 784 10	<b>Auxiliary control unit for remote control dimmer</b> Remote control dimming peripheral for local control of a remote control dimmer, with the same easy operation as a conventional dimmer A power supply Cat.No 036 80 is required for controlling Lexic modular remote control dimmers Cat.Nos 036 60/71 (p. 180) 

Pack	Cat.Nos	Lighting environment controller 110-230 V~ - 50 Hz
1	784 30	<b>Main controller</b> Particularly suitable for controlling lighting environments in conference rooms, meeting rooms, restaurants, showrooms, etc. Possible applications: - Control of 3 lighting circuits in one room - Control of lighting environments by dimming polychromatic lamps (red/green/blue or warm white/cool white) Sources supported per circuit: 1000 W for 230 V~ incandescent or halogen, or 1000 VA for fluorescent tubes with 0-10 V ballast, or 1000 VA for ELV halogen with ferromagnetic or electronic transformer The cumulative load of the 3 circuits must not exceed 2200 W - DALI input ballasts and 0-10 V ballasts can be controlled Controls on front face: - 6 pushbuttons for on/off/dimming control of each of the 3 lighting circuits - 3 sets of 5 LEDs displaying the current level of each circuit - 4 pushbuttons for memorisation and control of lighting environments Can be controlled remotely by infrared using remote control Cat.No 784 31 Installation with neutral in box, depth 50 mm recommended (Cat.No 801 24) Does not require an installation support (it is integrated with the mechanism) Use finishing plate Cat.No 788 39 
1	784 31	<b>Infrared remote auxiliary controller</b> For remote control of memorised lighting environments Operates with 9 V battery (not supplied) 
1	788 39	<b>Plates</b> For lighting environment controller (Cat.No 784 30) do not require any specific support White finish 



# Mosaic™ mechanisms

timer switch, time switch, pull-cord switch, ventilation control, emergency stop, keyswitches, call indicators



Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Timer switch	Keyswitches
1	2 modules <b>784 20</b>	<p><b>Interference suppression</b> conforming to standard EN 55022</p> <p>For timer control of a circuit with the following loads:                      1000 W 230 V~ incandescent and halogen                      - 2300 W resistive (heating)                      - 400 VA fluorescent and ELV halogen                      Adjustable from 25 s to 15 min</p> <p> It is possible to install a number of timer switches in parallel on the same circuit                      2-wire installation in 40 mm min. box                      Has an integrated LED</p>	<p><b>2-position switch</b></p> <p>1 <b>770 72</b>  By changeover contact                      6 A - 250 V~                      RONIS key no. 601                      Key can be removed in both positions</p> <p><b>3-position switch</b></p> <p>1 <b>770 73</b>  Changeover switch with OFF position                      6 A - 250 V~                      RONIS key no. 601                      Key can be removed in all 3 positions</p> <p><b>2-position switch - European key barrel</b></p> <p>1 <b>770 74</b>  1 contact - 2 poles 6 A - 250 V~                      Key can be removed in both positions                      Must be fitted with standard European key barrel or key barrel Cat.No 697 95</p> <p><b>3-position pushbutton- European key barrel</b></p> <p>1 <b>770 75</b>  Changeover switch with OFF position                      6 A - 250 V~                      Must be fitted with standard European key barrel or key barrel Cat.No 697 95</p> <p><b>European key barrel</b></p> <p>1 <b>697 95</b>  European key barrel supplied with one set of 3 keys</p>
1	2 modules <b>784 25</b>	<p><b>Programmable time switch</b></p> <p>20 hours working reserve                      Capacity: 8 weekly programmes                      Temporary or permanent override                      1 output - 6 A - 250 V~ cos <math>\Phi = 1</math>                      1 changeover contact</p> <p> Used to program the control of a circuit with the following loads:                      - 1200 W 230 V~ incandescent and halogen                      - 1800 VA fluorescent <math>\varnothing 26</math> or 38 mm and                      ELV halogen with ferromagnetic or electronic transformer                      - 1800 W motors (ventilation only)                      - 3600 W resistive (heating only)</p>	<p><b>Key fob switch</b></p> <p>For energizing a circuit by inserting a key fob                      Cat.No 898 06 or a smart card                      (e.g. access card for a hotel room)                      Power requirement: 230 V~ - 50/60 Hz                      Time-delay of approx. 30 sec. after card removal                      Used with a contactor or with Mosaic single pole relay Cat.No 766 90 (p. 795)</p> <p>1 <b>784 45</b>  2 modules - white finish</p> <p>1 <b>898 06</b>  Key fob                      Supplied complete with a label holder for individual hotel identification</p>
1	2 modules <b>770 14</b>	<p><b>Pull-cord switch</b></p> <p>Fast connection via terminals, no tool required automatic</p> <p> Two-way switch, 10 AX                      For controlling 230 V~ incandescent and halogen lamps up to 2300 W</p>	
1	<b>770 44</b>	<p> Two-way pushbutton, 6 A, with pull cord</p>	
10	<b>898 05</b>	<p> Cord for pull mechanism                      Length 1.5 m</p>	
1	2 modules <b>770 27</b>	<p><b>Ventilation control</b></p> <p> Fast connection via automatic terminals, no tool required                      Two-way switch for direct control of controlled mechanical ventilation 10 AX - 250 V~</p>	
1	2 modules <b>766 01</b>	<p><b>Emergency stop mushroom head pushbuttons</b></p> <p><b>With key</b></p> <p> NO + NC                      3 A - 250 V~                      Unlock with RONIS key no. 455</p>	<p><b>Hotel bedroom indicator</b></p> <p>Indicator lamp and bell push                      Enables the resident to inform hotel staff of the room status                      Two settings are possible:                      - do not disturb                      - please clean the room</p> <p>5 <b>770 47</b>  Installed in the corridor, displays calls                      Supplied with lamps Cat.Nos 899 16/17 (p. 580)</p>
1	<b>766 02</b>	<p><b>1/4 turn</b></p> <p> NO + NC                      3 A - 250 V~                      1/4 turn unlocking</p>	<p>5 <b>770 48</b>  Allows the user to select the desired setting                      Supplied with lamps Cat.Nos 899 06/07 (p. 580)</p>

**NEW**

## Mosaic™ mechanisms

heating, temperature regulation



## Mosaic™ mechanisms

roller blind controls



767 20



767 21



770 26



792 26



770 24

Selection chart for boxes, supports and plates (p. 812-813)

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	Room thermostats
1	2 modules <b>767 20</b>	<p>Power supply 230 V~ - 50/60 Hz Suitable for regulation of ceiling panel heating and direct floor heating</p> <p><b>Electronic</b> Adjustment range from 5 °C to 30 °C Adjustment accuracy +/- 0.5 °C (category B) One output by non-powered contact Pushbutton on front face for selecting the operating mode (off, switch off when temperature falls or rises)</p> <ul style="list-style-type: none"> <li>• LV use</li> </ul> <p>Breaking capacity: - 8 A / 230 V~ - resistive circuit - 2 A / 230 V~ - inductive circuit</p> <ul style="list-style-type: none"> <li>• ELV use</li> </ul> <p> Breaking capacity from 1 mA min. to 500 mA max. 12 to 48 V~ / 12 to 24 V=</p> <p><b>Electronic with weekly programming</b> Provides temperature regulation for oil, gas and electric heating installations in comfort, reduced and frost-free modes Permanent display of the current programme 4 preset programmes, 1 free programme, 4 time periods max. per day, 2 adjustable temperature levels Adjustment range: 7 °C to 30 °C Adjustment accuracy: ± 0.5 °C (category B) Permanent backup of programmes Working reserve 100 h 1 output by changeover contact</p> <p>Breaking capacity - 8 A - 250 V~ - resistive circuit - 2 A - 250 V~ - inductive circuit - 1 to 500 mA max. - 12 to 48 V~</p>
1	5 modules <b>767 21</b>	<p><b>Sensor for the Lexic modular thermostat</b> Measures the temperature for the Lexic modular thermostat</p>

Selection chart for boxes, supports and plates (p. 812-813)

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	Roller blind switches
10	2 modules <b>770 26</b>	<p>For direct raise/lower/stop control of 500 W max. blind, awning or canopy motor Switch with white finish cover plate</p>
1	<b>792 26</b>	<p>Switch with aluminium finish cover plate</p>
10	2 modules <b>770 25</b>	<p><b>Roller blind pushbuttons</b> For controlling 500 W max. blind, awning or canopy motor by electronic control box Pushbutton with white finish cover plate</p>
1	<b>792 25</b>	<p>Pushbutton with aluminium finish cover plate</p>
1	2 modules <b>770 23</b>	<p><b>Power Line Carrier control for roller blinds and awnings</b> For controlling blinds individually or centrally by zone (raise/lower/stop) For all types of mechanical or electronic blind motor Connection to mains power 230 V~ Operation by Power Line carrier and infrared For flush-mounting in box depth 40 mm White finish</p> <p><b>Individual control</b> Direct control of one 500 W max. blind motor (raise/lower/stop) Can be controlled remotely from the same room or another room by 32 centralized switches Cat.No 770 24</p>
1	2 modules <b>770 24</b>	<p><b>Centralized control</b> For controlling (raise/lower/stop) a zone containing as many individual switches Cat.No 770 23 as required Has two auxiliary inputs (raise and lower) for control via volt-free contact from a time switch, light sensitive switch, etc.</p>
1	2 modules <b>766 90</b>	<p><b>Single pole relay</b> Used to bring functions with low breaking capacity close to the application Resistive: 3000 W Incandescent: 1800 W LV halogen: 1800 W Fluorescent: 400 VA Motors (roller blind type): 530 W</p>

**access control: Mosaic™**  
readers



767 03



767 02



767 01



778 77

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Easy to use readers
		5 vertical modules Mosaic mechanisms equipped with 2 LEDs and 1 buzzer To be associated with mounting boxes (p. 585) Can be used in stand-alone mode or with control panel (Cat.No 767 04 or other control panel using Wiegand protocole) IP 40 - IK 04
1	767 01	<b>Keyboard reader</b> 12 V <sub>~</sub> - 47 mA 99 users in stand-alone mode and up to 10000 users with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Built-in Wiegand protocol interface Permanent backup memory
1	767 02	<b>Card reader</b> 12 V <sub>~</sub> - 118 mA 500 users in stand-alone mode and up to 10000 users with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Built-in Wiegand protocol interface Permanent backup memory Supplied with a master card, used to enrol a user or to communicate between the reader and the encoder Cat.No 767 05 in stand-alone mode
1	767 03	<b>Fingerprint reader</b> 12 V <sub>~</sub> - 145 mA 999 users in stand-alone mode and also with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Permanent backup memory Built-in back-lighted LCD for clear instruction display

Pack	Cat.Nos	Access control readers - Outdoor
1	778 77	Surface mounting without flush mounting box Power supply: 12 V <sub>~</sub> <b>Card reader IK 10 - IP 55</b> Operates in self-powered or centralized mode on a controller Cat.No 767 04 (p. 797) Accepts iso format smart cards (Cat.No 767 11) or card key fobs (Cat.No 767 10) Supplied with Soliroc plate Technical characteristics identical to Cat.No 767 02 Equipped with 2 red/green LEDs and a buzzer
1	767 16	<b>Outdoor card reader</b> Adapted for installation of a card reader outdoor Operates in centralized mode only by being wired to the Legrand controller Cat.No 767 04 (p. 797) Compatible with Wiegand protocol IP 65 - IK 10 Black Equipped with 2 LEDs and a buzzer Consumption: 150 mA
1	767 17	<b>Centralized outdoor keypad</b> Operates in centralized mode only by being wired to the Legrand controller Cat.No 767 04 (p. 797) Compatible with Wiegand protocol Equipped with a buzzer IP 65 - IK 10 Grey Consumption: 80 mA
1	767 07	<b>Installation accessories</b> Electromagnetic lock Locking force: 300 kg 12 V power supply, 500 mA consumption Delivered with surface-mounting fixing accessories
1	3749 00	Electric door release - reversible left/right side
1	047 95	12 V <sub>~</sub> / = power supply, 300 mA
1	047 92	Power supply - output 12 V <sub>~</sub> = 1.3 A
		Power supply - output 12 V <sub>~</sub> = 2.5 A
1	767 18	<b>Backup power supply</b> 12 V DC - 4 A To be equipped with 12 V - 7 Ah battery (Cat.No 433 41 ) not supplied

**NEW**

## access control: Mosaic™ readers



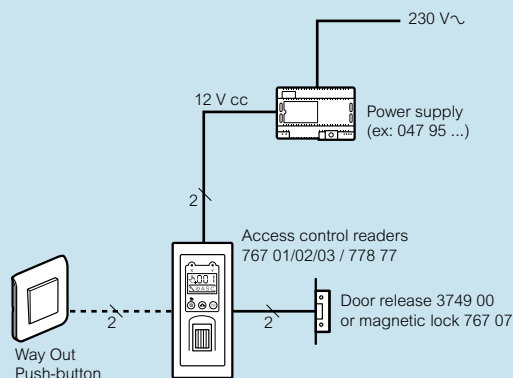
Pack	Cat.Nos	Door controller
1	767 04	<p>To be connected with Legrand readers or any reader using Wiegand protocol (1 bit up to 128 bits) or ABA (clock and data)</p> <p>Built-in software to be used when only 1 door controller is connected</p> <p>If more than 1 door controller, the Cat.No 767 06 must be added</p> <p>Time office plurality per badge and zone</p> <ul style="list-style-type: none"> <li>- activation, desactivation of the badges</li> <li>- selection of access and/or group of accesses</li> <li>- management of 32 slots (in timetable)</li> <li>- event log: 10000 events</li> <li>- up to 10000 users</li> </ul> <p>2 readers maximum</p> <p>2 doors volt-free changeover contact (1 A - 12 V)</p> <p>2 push-button contact</p> <p>2 door-status entry</p> <p>Anti-passback function</p> <p>Built-in IP interface: to connect up to 128 Legrand door controllers and a PC through the LAN</p>

1	767 06	<p><b>Multi-access management software</b></p> <p>To supervise an installation of more than 2 door controllers:</p> <ul style="list-style-type: none"> <li>- display of the actual status of each controlled access</li> <li>- direct display of readers status, badge controlled</li> <li>- memory of events</li> <li>- allows to supervise up to 128 controllers</li> </ul>
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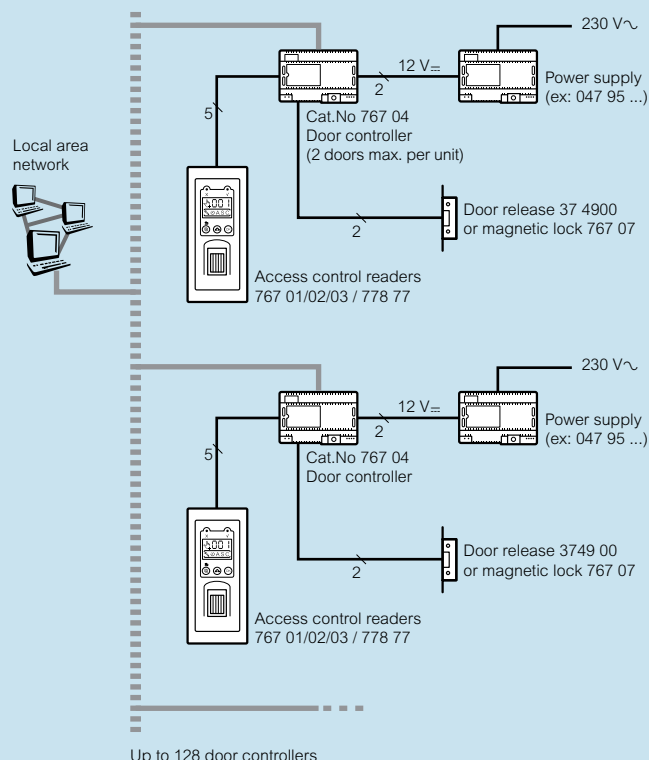
Accessories for card reader		
5	767 10	<p><b>Badges for card reader</b></p> <p>Contactless Keyfob badge 13.56 Mhz (possibility to personalize)</p>
10	767 11	<p>ISO contactless card Dim.: 50 x 80 mm</p>
1	767 05	<p><b>USB encoder for PC</b></p> <p>Intermediate level of management for card reader in stand-alone mode</p> <p>Allows to easily encode a large number of badges through the master badge of the reader</p>

## access control: Mosaic™ readers

### ■ Stand-alone

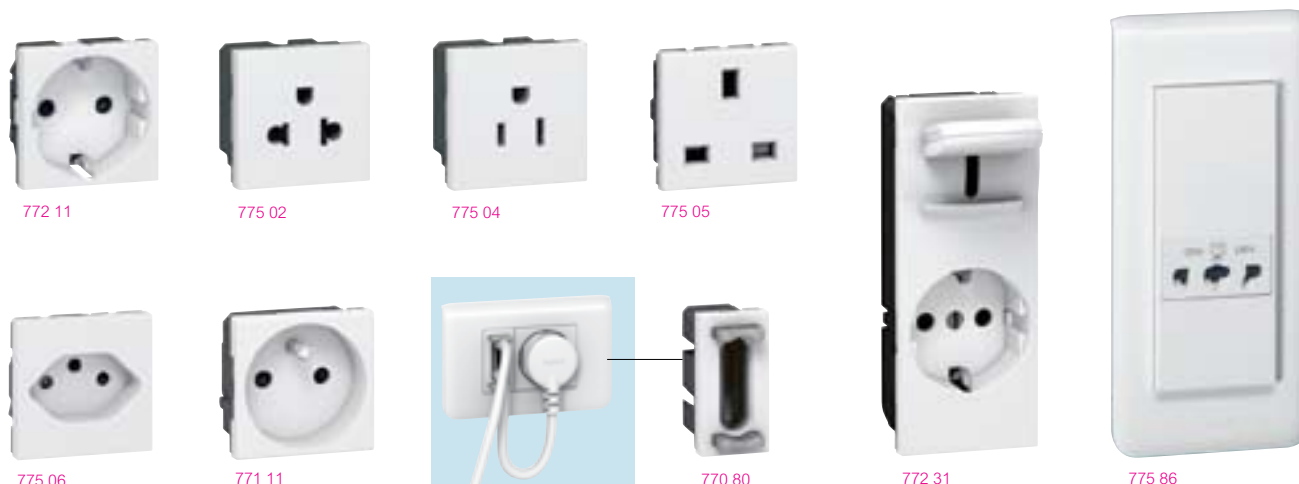


### ■ Centralized



**Mosaic™ mechanisms**

single, multi-support power sockets: German and international standards



Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Multi-support single sockets - German standard
10	2 modules 772 10	With shutters for child protection (except Cat.No 772 10) For installation in flush-mounting box, surface mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking 2P+E without shutters for child protection screw terminals
10	772 11	2P+E - Automatic terminals
10	772 13	2P+E with special tap-off screw and 4 mm <sup>2</sup> screw terminals
10	772 45	2P+E angled at 45° - Automatic terminals
10	792 13	2P+E with aluminium finish cover plate screw terminals tamperproof
10	772 14	2P+E - Screw terminals
10	771 10	2P - Automatic terminals
10	772 19	2P+E with cover - Automatic terminals
10	772 12 <sup>(1)</sup>	2P+E with indicator <sup>(1)</sup> - Screw terminals
10	772 16	2P+E green cover plate Automatic terminals
10	772 17	2P+E orange cover plate Automatic terminals
10	772 18	2P+E red cover plate Automatic terminals
10	1 module 771 50	2P ELV screw terminals Automatic terminals

Pack	Cat.Nos	Easy and simple actions 2P+E socket
1	5 modules 772 31	Special for disabled persons 2P+E socket Simple action on the lever allows easy plug-in or unplug

Pack	Cat.Nos	International standard power sockets
		Connection by screw terminals
10	1 module 775 01	<b>Euro-US</b> 2P
10	2 modules 775 02	2P+E
10	1 module 775 03	<b>US</b> 2P
10	2 modules 775 04	2P+E 15 A
10	2 modules 775 05	<b>British</b> 2P+E 13 A
10	1 module 775 10	<b>Italian</b> 2P+E 10 A on line
10	775 11	2P+E 10/16 A
10	2 modules 775 06	<b>Swiss</b> 2P+E type 13 Automatic terminals
10	2 modules 771 11	<b>French</b> 2P+E Automatic terminals
1	1 module 770 80	<b>Anti-extraction module</b> When used with a socket, avoids accidental unplugging of sensitive electrical equipment, by gripping the cord (Ø4 to 8 mm cords) Can withstand an extraction force of 350 N (35 kgs)
1	5 modules 775 86	<b>Shaver sockets IP 24 - IK 04</b> Conform to EN 60742 and EN 61558-2 Power supply 230 VA - 50/60 Hz and 1 output 120/220 V~. Connection via automatic terminals Equipped with a circuit separation transformer to isolate the user from the mains supply Protected against overloads and short circuits by built-in thermal relay limiting the available power to 20 VA. Insertion of the plug activates the power supply to the transformer With integrated support For flush mounting boxes only, use 2 gang box, 40 mm deep

(1) Indicator Cat.No 676 64 (see p. 546) supplied with the product

**NEW**

# Mosaic™ mechanisms

multi-support multiple sockets and special trunking sockets: German standard



772 52



772 83



772 02



772 52 back view  
Automatic terminals



771 90



774 02

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Multi-support multiple sockets
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module Inclined 45°
		Connection by automatic terminals
10	Standard 772 52	2 x 2P+E
10	Tamperproof 772 90	2 x 2P+E with indicator supplied with neon
10	772 53	3 x 2P+E
5	772 54	4 x 2P+E
10	Alu 792 82	2 x 2P+E
10	Red 772 72	3 x 2P+E
10	792 83	772 73

Pack	Cat.Nos	Sockets for snap-on trunking
		Sockets with shutters with connection at both sides for snap-on mounting on trunking with 45 mm cover (p. 816-817) The sockets incorporate the Soluclip accessory to hold the socket in place and comply with the standard Connected with automatic terminals
		<b>Standard and tamperproof sockets</b>
10	White 772 02	2 x 2P+E
10	Tamperproof 772 03	3 x 2P+E
		<b>Red sockets</b>
10	Red 772 42	Sockets with red finish for identification of dedicated circuits 2 x 2P+E at an angle of 45°
10	772 43	3 x 2P+E at an angle of 45°
5	White 771 90	<b>Cat. 6 FTP - RJ 45 sockets</b> FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang
5	771 80	<b>Cat. 5e FTP - RJ 45 sockets</b> FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang

Pack	Cat.Nos	Sockets for installation on trunking
		Sockets with shutters with connection at both sides for mounting on 65 and 85 mm cover DLP trunking in conjunction with supports and plates for trunking (see p. 824-825) Direct connection requiring no tools, intuitive disconnection without dismantling the support
		<b>Automatic terminals</b>
10	Standard 774 01	2P+E
10	Tamperproof 774 02	2 x 2P+E
10	774 03	3 x 2P+E
5	774 04	4 x 2P+E
		<b>Screw terminals</b>
10	Red 774 12	2 x 2P+E
10	774 13	3 x 2P+E
10	Standard 776 01	2P+E
10	Tamperproof 776 02	2 x 2P+E
10	776 03	3 x 2P+E
5	776 04	4 x 2P+E
10	Red 776 12	2 x 2P+E
10	776 13	3 x 2P+E
10		<b>Tamperproof insert</b>
10	502 99	Tamperproof insert for socket Fits directly into the plug



These products are part of solutions for office equipment > See p. 772-773

Red catalogue numbers: New products



# Mosaic™ mechanisms

RJ 45 10<sup>GIGA</sup>, Cat. 6, Cat. 5e sockets and copper switches



Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	RJ 45 sockets
		<p>Certified as conforming to standards ISO 11801 ed.2.0, EN 50173-1 and EIA/TIA 568                      Rapid connection sockets, no tool needed                      Contacts marked with 568 A and B dual colour code and numbers                      Connectors with self-stripping terminals                      Possibility of re-wiring in the event of error                      Multidirectional cable entry                      Can be installed in all 35 mm deep supports for UTP and FTP connectors, and 50 mm deep for STP connectors</p> <p><b>10<sup>GIGA</sup></b>                      Supports 10 G Base-T applications up to 100 m in a channel conforming to standards ISO/IEC 24750 TIA TSB 155 and IEEE 802.3an                      For the Legrand LCS 10<sup>GIGA</sup> cabling system</p>
10	1 module <b>786 40</b>	STP/FTP - 9 contacts, shielded folded metal
10	2 modules <b>786 41</b>	STP/FTP - 9 contacts, shielded folded metal
10	1 module <b>786 30</b>	<b>Cat. 6 STP</b> STP - 9 contacts, shielded folded metal
10	2 modules <b>786 31</b>	STP - 9 contacts, shielded folded metal
10	<b>786 33</b>	STP - 9 contacts, Zamak shielded
10	<b>786 32</b>	STP - 9 contacts, shielded folded metal, socket at 90°
10	1 module <b>786 90</b>	<b>Cat. 6 FTP</b> FTP - 9 contacts
10	<b>792 90</b>	FTP - 9 contacts, aluminium finish cover plate
10	2 modules <b>786 91</b>	FTP - 9 contacts
10	<b>792 91</b>	FTP - 9 contacts, aluminium finish cover plate
10	<b>786 92</b>	FTP - 9 contacts, socket at 90°
10	<b>792 98</b>	FTP - 9 contacts, sockets at aluminium finish
10	1 module <b>786 60</b>	<b>Cat. 6 UTP</b> UTP - 8 contacts
10	<b>792 60</b>	UTP - 8 contacts, aluminium finish cover plate
10	2 modules <b>786 61</b>	UTP - 8 contacts
10	<b>792 61</b>	UTP - 8 contacts, aluminium finish cover plate
10	<b>786 62</b>	UTP - 8 contacts, socket at 90°
10	<b>792 68</b>	UTP - 8 contacts, socket aluminium finish

Pack	Cat.Nos	RJ 45 sockets (continued)
10	1 module <b>786 80</b>	<b>Cat. 5e FTP</b> FTP - 9 contacts
10	2 modules <b>786 81</b>	FTP - 9 contacts
10	<b>786 82</b>	FTP - 90°
10	1 module <b>786 50</b>	<b>Cat. 5e UTP</b> UTP - 8 contacts, 1 module
10	2 modules <b>786 51</b>	UTP - 8 contacts, 2 modules
10	<b>786 52</b>	UTP - 90°
1	2 modules <b>787 65</b>	<b>SUB D sockets</b> 9 contacts - Screw terminals connection to link type RS 232 series
1	<b>787 67</b>	9 contacts - Soldering connection to link type RS 232 series
1	<b>787 66</b>	15 contacts - Soldering connection For example used for specialized line type X21 between 2 distant devices
1	1 module <b>787 61</b>	<b>USB and IEEE 1394 sockets</b> Used to bring connections closer to the user Connection via screw terminals cross-section 1 mm <sup>2</sup> <b>Female USB</b> For connecting USB devices (scanner-printer, external hard disk) Max. cable length: 5 m Recommended cable: USB A White finish cover plate
1	<b>792 84</b>	Aluminium cover plate
1	<b>787 62</b>	<b>Female IEEE 1394</b> FireWire or i.link socket specially designed for transferring large volumes of digital photo and video data Max. cable length: 5 m Recommended cable: IEEE 1394 4-pin
1	2 modules <b>786 16</b>	<b>Mosaic optical sockets</b> For connecting 2 fibres to the workstation Equipped with 1 duplex adaptor Supplied with protective caps Socket with 2 ST optical adaptors bayonet connection
1	<b>786 17</b>	Socket with 2 SC optical adaptors push-pull connection
1	<b>786 18</b>	Socket with 2 LC optical adaptors push-pull connection

**NEW**

# Mosaic™ mechanisms

## telephone sockets



786 95



787 32



786 01

Selection chart for boxes, supports and plates (p. 812-813)

### Flush-mounting telephone/Ethernet double connectors

Pack	Cat.Nos	Description
10	786 95	1 module Telephone/Ethernet FTP double connector 9 contacts
10	786 65	1 module Telephone/Ethernet UTP double connector 8 contacts

Provide increased security against theft and damage to double connectors  
Provide a rate of 10/100 Mbps  
Multidirectional cable entry  
Can be installed in all supports min. 35 mm deep  
Telephone and Ethernet applications marked on the protective flap

Telephone/Ethernet FTP double connector 9 contacts

Telephone/Ethernet UTP double connector 8 contacts

### Telephone sockets

#### RJ 11 and RJ 12 sockets

Equipped with a modular Jack connector with 1/4 turn terminal for fast connection  
Tap-off possible

10 1 module 787 30 RJ 11, 4 contacts - White

10 2 modules 792 31 RJ 11, 4 contacts - Aluminium

10 787 31 RJ 11, 4 contacts

10 787 32 RJ 12, 6 contacts

#### ISDN socket

Self-stripping 1/4 turn terminals for fast connection  
Tap-off possible

10 787 34 8 contacts, 2.5 mm<sup>2</sup> earth terminal



### Faceplates for computer sockets

10 2 modules 786 04 Equipped with transparent marker holder For single Keystone connector

10 786 01 ACO II socket

10 786 02 For single Systimax connector

10 786 03 For double Systimax connector

10 786 09 For single Infra+ connector

# Mosaic™ mechanisms

## switches and push-buttons for lighting management



784 73



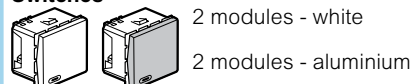
784 74 equipped with plate  
Cat.No 791 74

Selection chart for boxes, supports and plates (p. 812-813)

### Individual controls

Pack	Cat.Nos	Description
1	784 71	2 modules - white
1	791 71	2 modules - aluminium

#### Switches



#### Double switches

For controlling two functions, with 2 possible actions per rocker. Can control dimming of the lighting or initiate scenarios recorded on Cat.No 035 65  
Particularly suitable for controlling standard or safety roller blinds

1	784 73	2 modules - white
1	791 73	2 modules - aluminium

#### Double pushbuttons

For controlling two functions, with 1 action per rocker  
Particularly suitable for time-delayed control or dimming control (a short press for on/off and a long press for dimming)

1	784 72	2 modules - white
1	791 72	2 modules - aluminium

### Centralized controls

#### Colour touch screens

For controlling all relays and thus carrying out all the functions of the installation

For controlling lighting and blinds:

- Local control
- Control by zone
- Time-delayed control
- Locking functions

The lighting control can be on/off and/or dimming  
The configurable colour touch screen is easy and intuitive to use

1	784 74	Touch screen To be equipped with white plate Cat.No 784 70 or aluminium plate Cat.No 791 74
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#### Multifunction pushbuttons

For controlling dimmers, with the possibility of defining gradual on/off of the lighting  
This function is particularly suitable for establishments with accessibility restrictions. Can also be used for locking/unlocking a function, for example to prevent switching on lighting during a particular time period

1	784 75	2 modules - white
1	791 75	2 modules - aluminium

#### Scenario switches

For controlling up to 4 scenarios  
These scenarios are defined on Cat.No 035 51 (p. 912)  
The scenarios can control lighting and blinds

1	784 78	2 modules - white
1	791 78	2 modules - aluminium

**Lighting management** (p. 908)

**Mosaic™ mechanisms**  
audio and video sockets



Selection chart: boxes, support frames and plates (p. 812-813)

Pack	Cat.Nos		Pack	Cat.Nos	
		<b>Female HD15 sockets</b>			<b>Other audio and video sockets (continued)</b>
		Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc...)			
		<b>Screw-type female HD15 sockets</b>			<b>DVI-I socket</b>
1	White 787 57   Alu 792 57	2-gang Fast screw connection - 15 pin	1	White 787 71   Alu	2-gang Used to transmit high-definition digital video streams between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc)
		<b>Screw-type female HD15 sockets + 3.5 mm jack</b>	1	787 69	<b>YUV socket</b>
1	787 74	2-gang Fast screw connection - 18 pin	1	787 52	1-gang. Provides the high definition analogue video link for a DVD, PC monitor, plasma screen, etc
		<b>Solder-type female HD15 sockets</b>	1	787 52	<b>Female 1 RCA socket</b>
1	787 72	1-gang 15 pin	1	787 53	1-gang Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc
		<b>Female HD15 socket + 5 preconnected BNC sockets RGBHV</b>	1	787 54   792 54	<b>Female 2 RCA socket</b>
1	787 59	VGA adaptor, female HD15 base to 5 female BNC sockets 75 Ω	1	787 58	1-gang. Provides the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder
		<b>Jack plugs 3.5 mm</b>	1	787 63	<b>Female 3 RCA socket</b>
		3.5 mm jack connectors can be used to create audio/video links from a portable source			1-gang Provides the composite video and stereo audio link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc
1	White 787 64   Alu 792 64	4 screw-type female 3.5 mm jack plug 1-gang			<b>Female BNC 75 socket</b>
1	787 73	Solder-type female 3.5 mm jack plug 1-gang			1-gang Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc
		<b>HD15 + 3.5 mm Jack amplifier</b>			<b>S-Video socket (4-pin mini-DIN)</b>
		Used to connect audio/video terminals more than 20 m apart			1-gang. Provides the YC video link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc
		The video link is via an HD15 connector (resolution up to UXGA)			
		The stereo audio link is via a 3.5 mm jack			
1	White 787 70	The kit includes: - One 4-module Mosaic transmitter equipped with an HD15 connector and a 3.5 mm jack - One 4-module Mosaic receiver equipped with an HD15 connector and a 3.5 mm jack - One 4-module Mosaic power supply to be connected on the mains then linked to the receiver or transmitter			
		The link between the transmitter and receiver is via a network cable (Cat.No 327 56)			
		Transmitter and receiver are supplied with an RJ 45 LCS jack for tool-free connection			
		<b>Other audio and video sockets</b>			<b>Leads</b>
		<b>HDMI type A sockets</b>			For connecting a socket to a terminal
1	White 787 68   Alu 792 75	2-gang Used to transmit high-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma, LCD, etc)	1	517 20	<b>HDMI lead</b>
			1	517 22	Length 10 m. For connecting an HDMI socket to the audio/video terminal (plasma screen, DVD drive, Home Cinema, games console, etc). For use at more than 10 m, use the HDMI Booster Cat.No 779 30
			1	517 22	<b>HD 15 lead + 3.5 mm Jack</b>
			1	779 30	Length 2 m. For connecting an HD 15 video socket and a 3.5 mm audio jack to a terminal (PC, video projector)
					<b>HDMI booster</b>
					Used to extend an HDMI connection Consists of 2 female connectors and used as an addition to the HDMI lead (for example lead Cat.No 517 21) Does not need an external power supply
					<b>Cables</b>
					For connecting 2 sockets a long distance apart
			1	327 80	<b>HDMI cable</b>
			1	327 81	Length 20 m. For connecting HDMI sockets at a distance of up to 10 m
					<b>VGA cable</b>
					Length 20 m. For connecting full pin HD 15 sockets at a distance of up to 20 m

# Mosaic™ mechanisms

audio, TV-R-SAT sockets

**NEW**



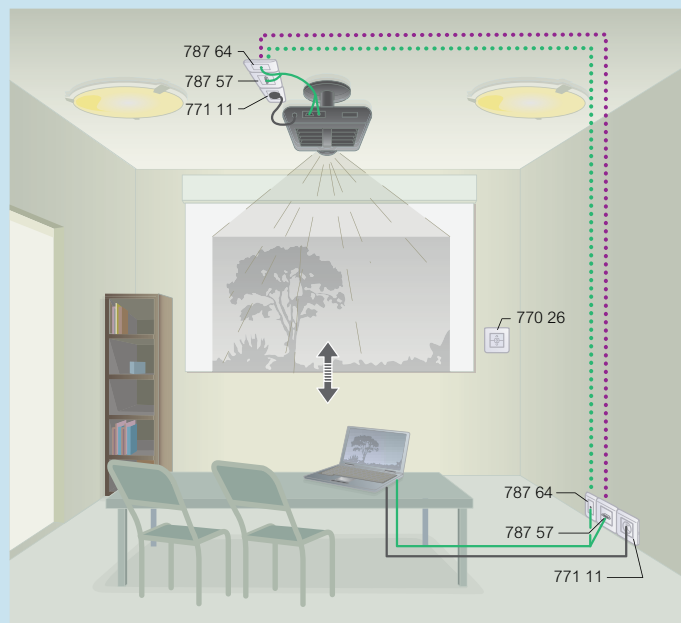
Selection chart: boxes, support frames and plates (p. 812-813)

Pack	Cat.Nos		Audio sockets
	White	Alu	
1	787 55	792 55	<b>XLR 3-pin</b> Provides the stereo link for microphone, amplifier, mixing console, etc. Recommended microphone cable: 1 audio pair 0.22 mm <sup>2</sup> shielded Recommended enclosure cable: 1 audio pair 1.5 mm <sup>2</sup> (can take 2.5 mm <sup>2</sup> ) Max. cable length: 50 m
1	787 56		Fast screw connection female
1	787 56		Fast screw connection male
1	787 60		<b>4-pole Speakon</b> Used to connect power enclosures Recommended cable: 1 audio pair 2.5 mm <sup>2</sup> Max. cable length: 50 m (without amplifier)
10	787 51		<b>Loudspeakers</b> Loudspeaker socket - 2 modules Terminal 4 mm <sup>2</sup>
10	787 50	792 50	Loudspeaker socket - 1 module Terminal 4 mm <sup>2</sup>
			<b>Attenuator</b> Allow to adjust power a balanced 100 V loudspeaker line
1	787 75		100 V - 12 W
1	787 76		100 V - 25 W

		White	Alu	Television, national satellite sockets
				2 modules - shielded TV sockets TV-IEC male, 5 - 862 Mhz, attenuation ≤ 1.5 dB R-IEC female, 87.5 - 108 Mhz, attenuation ≤ 1.5 dB SAT "F" screw-in 950 - 2400 Mhz, attenuation ≤ 2 dB For reception of analogue and digital transmissions (DTT, analogue or digital satellite channels, HDTV...)
10	787 86	792 96		<b>Star system sockets</b> Conform to EN 607 28-1 Recommended cable 17/19 VATC Screened TV/R/SAT socket - Insulated
10	787 83			TV-R socket - male/female Screened TV+R socket - Insulated Ø9.52 mm
10	787 80			Single type "F" screw-in TV socket
10	787 82	792 92		Single TV socket - male Ø9.52 mm
10	787 81			Single TV socket - female Ø9.52 mm
10	787 87			<b>Through system sockets</b> Throughwiring TV/R socket - Derivation attenuation: 14 dB
10	787 88			Terminal TV/R socket - Terminal attenuation: 10 dB
10	6771 37			Single TV throughwiring socket - Derivation attenuation: 14 dB
10	6771 38			Single TV terminal socket - Terminal attenuation: 10 dB

## audio and video sockets

### Meeting room

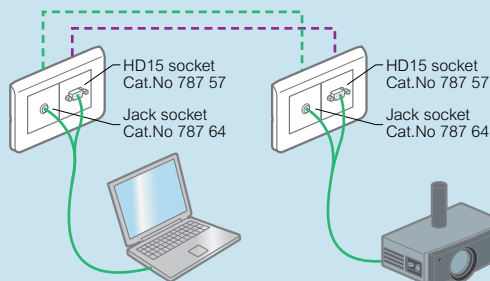


- ..... XGA cable (Cat.No 327 81)
- HD 15 lead + 3.5 mm jack (Cat.No 517 22)
- ..... Audio coaxial cable

Video transmission with HD15 and/or DVI sockets  
Audio transmission with Jack plugs 3.5 mm

### Standard installation

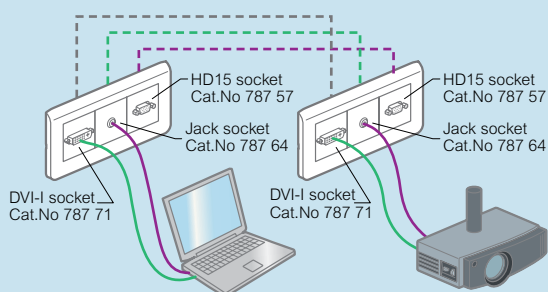
Analogue video XGA 1280 x 720 pixels



For management of existing computers

### High quality installation

Digital video HD 1920 x 1080 pixels



To manage new computers, add a DVI link

- jack 3.5 mm<sup>2</sup> male/male lead
- DVI-I lead

# Mosaic™ mechanisms

illuminated signage functions, bulkhead lights and indicator lights



Selection chart for boxes, supports and plates (p. 812-813)

All the illuminated functions are equipped with very low consumption LEDs with an estimated service life of 100,000 hours

Pack	Cat.Nos	Product Name	Description
		<b>Illuminated signs 230 V~</b>	
5	785 20	Mechanisms integrating LEDs and a pivoting window that can take preprinted labels	Signs with white LEDs A choice of 2 power levels (0.2 W or 1 W)
5	785 21	Customised labels can be printed using a simple text editor. Supplied with transparent paper to personalize labels	Signs with blue LEDs A choice of 2 power levels (0.2 W or 1 W)
5	785 24		Signs with 2-state LEDs with choice of green or red configurable on the mechanism (1 W)
1	785 22		Signs with white LEDs (1 W)
1	785 23		Signs with blue LEDs (1 W)
		<b>Self-contained pilot light</b>	
1	785 12		During a power failure, automatically gives light using a high power white LED (stand-alone operation: 1 hour) Circular lighting by blue LED in standby mode Supplements the regulatory safety lighting system to meet high requirements (for child care centres, health, accessibility, retirement homes, etc.) Option of switching off by remote control
		<b>Illuminated obstacle indicator</b>	
1	785 11		Mechanism equipped with an infrared detection cell and a LED beam For installation near an obstacle such as a step or a change of level When a person passes, the mechanism detects his/her presence and lightens the obstacle The function is equipped with an audible signal that can be disengaged
		<b>Bulkhead light</b>	
1	785 10		Bulkhead light for skirting pilot light, 230 V
		<b>Indicator lights</b>	
10	785 30		For indicator or illuminated functions. Supplied with 4 coloured labels (red, orange, green and blue)
10	785 32		Single indicator 230 V (1 W)
10	785 34		Double indicator 230 V (1 W)
10	785 36		Single indicator 12-24 V (0.2 W)
10	785 38		Double indicator 12-24 V (0.2 W)
10	785 39		
10	785 40		
10	785 41		
10	785 42		
10	785 43		
10	785 44		
10	785 45		
10	785 46		
10	785 47		
10	785 48		
		<b>Preprinted labels for illuminated signage mechanisms</b>	
10	785 30	All labels below will be supplied until stock lasts	Direction arrow label
10	785 32		"EXIT" label
10	785 34		"WC" label
10	785 36		"Meeting room" pictogram label
10	785 38		"Reception" pictogram label
10	785 39		"No admission" pictogram label
10	785 40		"Men only" pictogram label
10	785 41		"Women only" pictogram label
10	785 42		"Disabled only" pictogram label
10	785 43		"Cloakroom" pictogram label
10	785 44		"Smoking area" pictogram label
10	785 45		"No smoking area" pictogram label
10	785 46		"Air conditioning" pictogram label
10	785 47		"Telephone" pictogram label
10	785 48		"Telephones prohibited" pictogram label
10	785 31		Direction arrow label
10	785 33		"Exit" label
10	785 35		"WC" label
10	785 37		"Meeting room" pictogram label
		<b>3-wire ceiling motion sensor 1000 W 230 V~ - 50 Hz</b>	
1	493 33		For use in corridors, toilets, offices, etc Maximum load: 1000 W incandescent and 230 V halogen lamps 500 VA ELV halogen lamps Angle of detection 360° Detection area on ground Ø3.7 m if mounted at 2,4 m height Time delay from 1 s to 6 min. Luminosity threshold: 3 to 1000 lux

**NEW**

# Mosaic™ mechanisms

antibacterial range



Products made of antibacterial material based on silver ions Ag+  
 This technology can eliminate most bacteria, fungi and viruses, without the risk of building up resistance  
 Particularly suitable for healthcare establishments (hospitals, clinics, nursing homes, laboratories, waiting rooms, etc) and in general for spaces subject to hygiene restrictions (industrial, shared and restaurant kitchens, child care centers, toilets, etc)  
 Products tested in accordance with standard JIS Z 2801 by an approved COFRAC laboratory  
 Test report available on the e-catalogue



This mark will help you identify Mosaic antibacterial solutions  
 Other functions in the Mosaic offer made of antibacterial material are available on special order: please consult us

Pack	Cat.Nos	Switches and pushbuttons	
10	787 10		Switch 10 AX - 1 module (same characteristics as Cat.No 770 01)
10	787 11		Switch 10 AX - 2 modules (same characteristics as Cat.No 770 11)
10	787 12		Two-way switch 10 AX with LED indicator - 2 mod. (same characteristics as Cat.No 770 12)
10	787 14		Pushbutton 6 A - 1 module (same characteristics as Cat.No 770 30)
10	787 15		Pushbutton 6 A - 2 modules (same characteristics as Cat.No 770 40)
10	787 16		Two-way pushbutton 6 A with LED indicator - 2 mod. (same characteristics as Cat.No 770 42)

Pack	Cat.Nos	Socket outlets	
10	787 02		2P+E german standard (same characteristics as Cat.No 772 13)
10	787 03		2P+E flush recess type to make cleaning easier and prevent dirt accumulating (same characteristics as Cat.No 771 32)

Pack	Cat.Nos	RJ 45 sockets	
10	787 06		Cat. 6 FTP - 9 contacts (same characteristics as Cat.No 786 90)
10	787 07		Cat. 6 UTP - 8 contacts (same characteristics as Cat.No 786 60)

Pack	Cat.Nos	Plates	
10	787 22		For 2 modules (same characteristics as Cat.No 788 02)
5	788 80		IP44 - 2-gang, equipped with a membrane which can receive Mosaic control and connection functions (not mounted on surface mounting boxes)
10	787 24		For 4 horizontal modules (same characteristics as Cat.No 788 14)
10	787 23		For 2 x 2 vertical modules (same characteristics as Cat.No 788 22)
10	787 25		For 2 x 2 horizontal modules (same characteristics as Cat.No 788 04)
10	787 26		For 6 horizontal modules (same characteristics as Cat.No 788 16)

Pack	Cat.Nos	Blanking plates	
10	787 20		1 module
10	787 21		2 modules

## Mosaic™ mechanisms

surge arrester, replacement module, filter, proximity MCBs, 230/12 V transformer



775 40



775 41



775 31

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Voltage surge protector
1	2 modules <b>775 40</b>	16 A - 250 V $\sim$ - 50/60 Hz Protection against overvoltages of atmospheric or industrial origin, in an installation already protected by a voltage surge protector in the panel (p. 162) For installation downstream of an RCBO, protects all the sockets wired in cascade with the voltage surge protector. Operation displayed by indicator light Keeps the socket energised after an overvoltage (mains or lightning strike) until replacement of module Cat.No 775 41 Nominal discharge current (In): 1.5 kA Maximum permissible current (Imax): 6 kA Protection level (Up): L-N: 1 kV; N-PE: 1 kV Open circuit voltage (Uoc): 3 kV Conform to standards EN 61643-11
1	<b>775 41</b>	For Cat.No 775 40
1	2 modules <b>775 42</b>	<b>Filter</b> 6 A - 250 V $\sim$ - 50/60 Hz Supplied with fuse 5 x 20 - 6.3 A Cat.No 102 63. Measurements conforming to standards CISPR 14 and 17. Interference capacitors. Measured attenuation of filter conforming to standards CISPR 14 and 17
		<b>Proximity MCBs</b> Used for local protection of part of a circuit against overloads and short circuits Used in addition to the main protection device Due to its proximity to the user and its discrimination with the main protection device, the restart can be immediate. Used in combination with other devices, the proximity MCB has the same discrimination characteristics as the DNX P + N with the same rating (p. 117) The Mosaic proximity MCB can also be used as a local consumption limiter (depending on its rating) Breaking capacity: 3000 A - NF C 61-410 (10/16 A) 1500 A - NF C 61-410 (6 A)
1	2 modules <b>775 21</b>	<b>Single pole thermal magnetic MCB + Neutral 230 V<math>\sim</math></b> 10 A
1	<b>775 22</b>	16 A
1	<b>775 31</b>	<b>Single pole RCBOs + Neutral 230 V<math>\sim</math></b> The residual current device provides additional protection of people (premises with conductive flooring, presence of water, etc.) against direct contact with live parts or earth leakages 10 A - 30 mA have a test button
1	<b>775 32</b>	16 A - 30 mA have a test button
1	<b>775 33</b>	10 A - 10 mA have a test button
1	<b>775 34</b>	16 A - 10 mA have a test button
1	2 modules <b>775 60</b>	<b>Transformer 230/12 V 4VA</b> Primary: 230 V $\sim$ - 50 Hz Secondary: 12 V $\sim$ - 500 mA Maximum power: 4 VA When used with a 2P+E socket or a cable outlet, enables low voltage applications to be connected

## Mosaic™ mechanisms

anti-extraction module, tap-off, cable outlets, blanking plates



775 51



770 71

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Tap-off
1	2 modules <b>775 53</b>	Equipped with 3 terminals for ease of tap-off 20 A
10	2 modules <b>775 51</b>	<b>Cable outlets</b> 16 A with cable grip Equipped with 4 automatic connection terminals on the front and rear face for easy connection
10	<b>775 50</b>	20 A with cable grip
10	1 module <b>775 52</b>	Ø8 mm wire outlet
		<b>Blanking plates</b> Pre-equipped for fixing a printed circuit
10	1 module <b>770 70</b>	1 module white finish
10	2 modules <b>770 71</b>	2 modules white finish
10	1 module <b>792 70</b>	1 module aluminium finish
10	2 modules <b>792 80</b>	2 modules aluminium finish

**DIN rail mounting voltage surge protectors**  
(p. 160 to 165)

**NEW**

## Mosaic™ mechanisms

### safety equipment

## Mosaic™ mechanisms

### accessories for safety equipment



406 80



415 07



766 82



775 60



406 58

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Fire alarm master panel
1	3 modules <b>406 80</b>	<p>For remote feedback of alarm, evacuation, restricted standby and fault information supplied by the Monitoring &amp; Signalling Equipped on the front face with:</p> <ul style="list-style-type: none"> <li>- 4 general information indicators (alarm, evacuation, restricted standby, power on/fault)</li> <li>- 1 "stop-sound" pushbutton</li> </ul> <p>Line length: 750 m with 2 separate cables, 1 x 9/10<sup>m</sup> pair, CR1 Size: 3 Mosaic 22.5 x 45 mm modules</p>
1	2 modules <b>415 07</b>	<p><b>Sounder</b> Option of continuous sound or selective general alarm Power supply 12 to 48 V<sub>DC</sub> +/- 10% Acoustic power at 2 m: 70 dB Average consumption: 12 V = 5 mA, 24 V = 9 mA, 48 V = 17 mA</p>
1	3 modules <b>766 82</b>	<p><b>3-direction control unit/master panel for technical alarms</b> Depending on its configuration, used to provide either the function of a 3-direction control unit or that of a master panel</p> <ul style="list-style-type: none"> <li>• When configured as a control unit, informs the user by means of an audible and visual signal of one or more faults that have occurred on the installation Up to 9 directions (3 control units maximum) Option of temporary or permanent sound acknowledgement of the entire installation (control unit and master panels), then of visual acknowledgement after repair of the faults</li> <li>• When configured as a master panel, feeds back by means of an audible and visual signal the alarm information transmitted by the control unit or units (3 control units maximum) Option of local sound acknowledgement, either temporary or permanent</li> </ul> <p>Size: 3 modules of 22.5 x 45 mm IP 40 IK 04 Signalling of the first fault that occurred by flashing indicator Indicator and buzzer test function Equipment:</p> <ul style="list-style-type: none"> <li>- 1 buzzer, 65 dB at 1 m</li> <li>- 3 red indicators (1 indicator per loop/control unit connected) with identification zone</li> <li>- 1 green indicator (presence of power supply/battery)</li> <li>- 1 pushbutton</li> </ul> <p>Power supply voltage 12 V<sub>AC</sub> I/= Stand-alone operation 1 hour Supplied without power supply, see opposite</p>

Selection chart for boxes, supports and plates (p. 812-813)

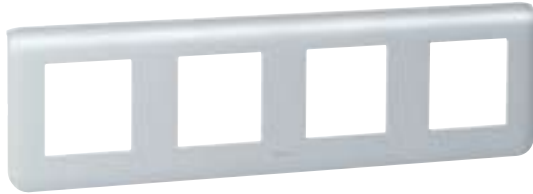
Pack	Cat.Nos	Power supplies
1	2 modules <b>775 60</b>	<p><b>230/12 V 4 VA transformer</b> Primary: 230 V<sub>AC</sub> - 50 Hz Secondary: 12 V = 500 mA Maximum power: 4 VA When used with a 2P+E socket or a cable outlet, enables low voltage applications to be connected</p>
1	042 25	<p><b>Lexic 230/12 V transformer</b> 230 V, 12/8 V - 8 VA - 0.66 A transformer 2 Lexic modules</p>
1	042 10	<p>Protected power supply, 230 V - 12 V - 0.5 A Stand-alone on battery Sealed batteries, nickel metal hydride Capacity: 280 mA/h 6 Lexic modules</p>
1	2 modules 406 58	<p><b>Mosaic activation indicator</b> Used for feedback of the detection indication outside the premises from a detector</p>
10	2 modules <b>766 40</b>	<p><b>Buzzers and bells</b> 8 V<sub>AC</sub> - 50/60 Hz Consumption 370 mA Sound level 70 dB at 1 m</p>
10	<b>766 41</b>	<p>230 V<sub>AC</sub> - 50/60 Hz Consumption 25 mA Sound level 70 dB at 1 m</p>
1	<b>766 42</b>	<p>Electronic bell 12-24-48 V DC Consumption 5-9-17 mA Depending on power supply Sound level 80 dB at 1 m</p>



**Mosaic™ plates**



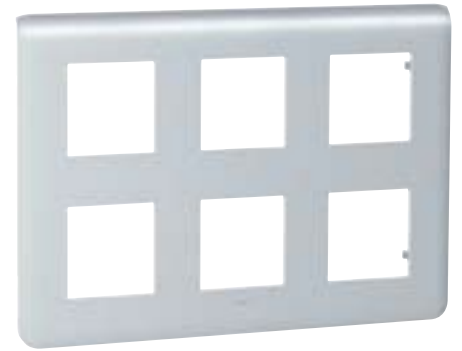
788 01      790 02      788 03



790 08



788 25



790 32

Pack	Cat.Nos		Plates
			Clip onto screw-mounted or clip mounted supports via notches (thickness adjustment)
10   5	White <b>788 01</b>	Aluminum <b>790 01</b>	For 1 module Clips onto support Cat.No 802 50
10   5	<b>788 11</b>	<b>790 11</b>	For 1 module 80 x 80 mm. Clips onto supports Cat.Nos 802 51/60/61/62/69
10	<b>788 02</b>	<b>790 02</b>	For 2 modules Clips onto supports Cat.Nos 802 51/60/61/62/69
10   5	<b>788 03</b>	<b>790 03</b>	For 3 modules Clips onto support Cat.No 802 59
10   5	<b>788 14</b>	<b>790 14</b>	For 4 horizontal modules Clips onto supports Cat.Nos 802 52/58
10   5	<b>788 15</b>	<b>790 15</b>	For 5 horizontal modules Clips onto supports Cat.Nos 802 52/58
10   5	<b>788 25</b>	<b>790 25</b>	For 5 vertical modules Clips onto supports Cat.Nos 802 52/57
10   5	<b>788 04</b>	<b>790 04</b>	For 2 x 2 horizontal modules Clips onto supports Cat.Nos 802 52/58 or 2 x 802 51
10   5	<b>788 22</b>	<b>790 22</b>	For 2 x 2 vertical modules Clips onto supports Cat.Nos 802 52/57 or 2 x 802 51
10   5	<b>788 16</b>	<b>790 16</b>	For 6 horizontal modules Clips onto support Cat.No 802 53
10   5	<b>788 18</b>	<b>790 18</b>	For 8 horizontal modules Clips onto support Cat.No 802 53 or 3 x 802 51
10   5	<b>788 06</b>	<b>790 06</b>	For 3 x 2 horizontal modules Clips onto support Cat.No 802 53 or 3 x 802 51
10   5	<b>788 23</b>	<b>790 23</b>	For 3 x 2 vertical modules Clips onto support Cat.No 802 53 or 3 x 802 51

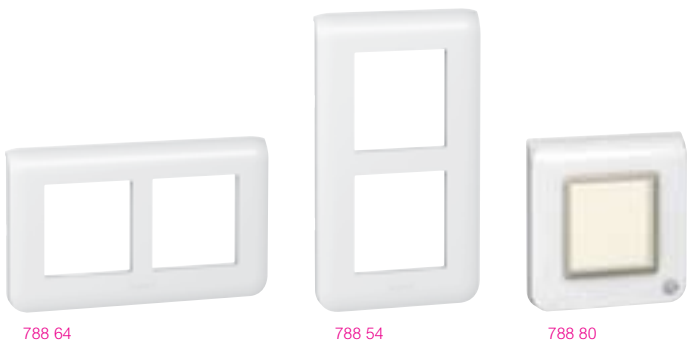
Pack	Cat.Nos		Plates (continued)
1	White <b>788 10</b>	Aluminum <b>790 10</b>	For 10 horizontal modules Clips onto support Cat.No 802 54 or 3 x 802 51
1	<b>788 08</b>	<b>790 08</b>	For 4 x 2 horizontal modules Clips onto support Cat.No 802 54 or 3 x 802 51
5   1	<b>788 30</b>	<b>790 30</b>	For 2 x 5 modules Clips onto support Cat.No 802 64
5   1	<b>788 38</b>	<b>790 38</b>	For 2 x 2 x 2 modules Clips onto support Cat.No 802 64
5   1	<b>788 36</b>	<b>790 36</b>	For 2 x 6 modules Clips onto support Cat.No 802 66
5   1	<b>788 37</b>	<b>790 37</b>	For 2 x 8 modules Clips onto support Cat.No 802 66
5   1	<b>788 32</b>	<b>790 32</b>	For 2 x 3 x 2 modules Clips onto support Cat.No 802 66
1	<b>788 28</b>	<b>790 28</b>	For 2 x 10 modules Clips onto support Cat.No 802 68

**NEW**

# Mosaic™ plates (continued)

# Mosaic™ plates

installation for refurbishment work in existing boxes and compatibility with old Mosaic



Pack	Cat.Nos	Special plates for refurbishment
10	White 788 64	Plates specially for installing Mosaic functions in old flush-mounting boxes with 57 mm spacing (see opposite) For 2 x 2 horizontal modules
10	788 66	For 3 x 2 horizontal modules
10	788 54	For 2 x 2 vertical modules
10	788 56	For 3 x 2 vertical modules

Pack	Cat.Nos	Special antibacterial IP 44 plate
5	White 788 80	Plate made from antibacterial material Can accommodate control and connection functions. Suitable for areas that require frequent cleaning and need to be impact-resistant and sealed: - Common areas (bathrooms, etc.) - Health care establishments (hospitals, nursing homes, etc.) - Laboratories (food processing, pharmaceuticals, teaching, etc.) Equipped with a shutter with a membrane, can accommodate Mosaic control and connection functions Cannot be mounted on surface-mounting boxes

Pack	Cat.Nos	Label holder
10	791 51	Holder for self-adhesive labels for Mosaic finishing plates or any other Mosaic installation support Curved transparent label holder
10	791 52	Flat transparent label holder

## Multi-gang, spacing 57 mm:

Use 2 module supports joined together (Cat.No 802 51) and special plates for refurbishment (Cat.Nos 788 54/56/64/66)

## Compatibility with old Mosaic

Red catalogue numbers: New products

**Mosaic™ supports**



Pack	Cat.Nos	Supports
		All supports are supplied with site protection except for Cat.Nos 802 64/66/68
10	802 50	For 1 module
10	802 51	For 2 modules
10	802 61	For 2 modules with clips or claws (length 27 mm)
10	802 69	For 2 modules with long clips (length 37 mm)
5	802 59	For 3 modules
10	802 52	For 4, 5 or 2 x 2 modules, horizontal or vertical
5	802 53	For 6, 8 or 3 x 2 modules horizontal ou vertical
5	802 54	For 10 or 4 x 2 modules
5	802 64	For 2 x 4 or 2 x 2 x 2 modules
5	802 66	For 2 x 6, 2 x 8 or 2 x 3 x 2 modules
5	802 68	For 2 x 10 modules

Pack	Cat.Nos	Supports
10	802 13	3 modules
5	802 14	4 modules

Pack	Cat.Nos	Other supports for Italian type boxes supplied with screws (continued)
5	802 16	6 modules
<b>Illuminated supports</b>		
Equipped with a ring of low consumption LEDs (0.3 kWh per year in continuous use) to create an illuminated halo effect through the finishing plate		
1	802 60	For 2 modules Power: 0.03 W Ideal for illumination function
1	802 62	For 2 modules Power: 1.4 W Ideal for indicator function
1	802 57	For 5 or 2 x 2 vertical modules Power: 0.03 W Illumination function
1	802 58	For 4, 5 or 2 x 2 horizontal modules Power: 0.03 W Illumination function

Pack	Cat.Nos	Thin wall supports
Narrow 1 module For mounting on box Cat.No 800 10		
10	802 90	White finish
10	802 94	Aluminium finish
Narrow 2 modules For mounting on 1 box Cat.No 800 11		
10	802 91	White finish
10	802 95	Aluminium finish
10	802 92	Narrow 2x1 modules, vertical For mounting on 2 boxes Cat.No 800 10

Pack	Cat.Nos	Isolation boxes for mechanisms
10	800 10	For protecting mechanisms in the wall 1 module for Cat.Nos 802 90/92
10	800 11	2 modules for Cat.No 802 91

**NEW**

# Mosaic™ surface-mounting boxes

# Mosaic™ supports



802 80

802 85

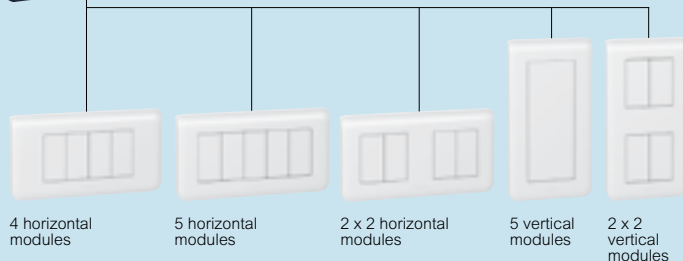
Pack	Cat.Nos	Surface-mounting boxes
5	802 80	<b>For 2 modules (support Cat.No 802 51)</b> Equipped with a 20 x 12.5 mm removable entry
5	802 81	Depth 30 mm
		Depth 40 mm
2	802 89	<b>For 3 modules (support Cat.No 802 59)</b> Equipped with a 20 x 12.5 mm removable entry
		Depth 40 mm
5	802 85	<b>For 4, 5 or 2 x 2 horizontal modules (support Cat.No 802 52)</b> Equipped with a 32 x 12.5 mm removable entry
		Depth 40 mm
5	802 86	<b>For 6, 8 or 3 x 2 horizontal modules (support Cat.No 802 53)</b> Equipped with a 32 x 12.5 mm removable entry
		Depth 40 mm
2	802 84	<b>For 10 or 4 x 2 horizontal modules (support Cat.No 802 54)</b> Equipped with a 40 x 20 mm removable entry
		Depth 40 mm
5	802 82	<b>For 5 or 2 x 2 vertical modules (support Cat.No 802 52)</b> Equipped with a 20 x 12.5 mm removable entry
		Depth 40 mm
5	802 83	<b>For 3 x 2 vertical modules (support Cat.No 802 53)</b> Equipped with a 20 x 12.5 mm removable entry
		Depth 40 mm
1	802 74	<b>For 2 x 5, 2 x 2 x 2 modules (support Cat.No 802 64) or lighting environment controller</b> Equipped with a 40 x 20 mm removable entry
		Depth 46 mm
1	802 76	<b>For 2 x 6, 2 x 8 or 2 x 3 x 2 modules (support Cat.No 802 66)</b> Equipped with a 40 x 20 mm removable entry
		Depth 46 mm
1	802 78	<b>For 2 x 10 modules (support Cat.No 802 68)</b> Equipped with a 40 x 20 mm removable entry
		Depth 46 mm
10	802 99	<b>Modular support</b> For fixing Mosaic or rail  Larg. 46.3 mm

Number of modules  
2.5

## ■ Easier, increased modularity with the universal support



Support for horizontal or vertical mounting.  
The removable spacer allows full or partial modularity



## ■ Using blanking plates for supports



Using blanking plates  
Cat.No 791 04



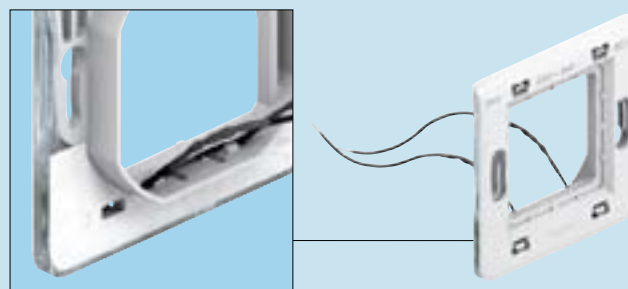
Using blanking plates  
Cat.No 791 06



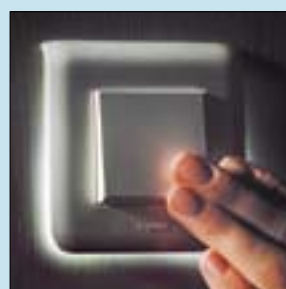
Using blanking plates  
Cat.No 791 10

When the total capacity of the support is not used, the gaps must be filled in with blanking plates to ensure IP 20 protection when the finishing plate has not yet been installed

## ■ Illuminated support: innovation plus energy savings



LED illuminated ring



















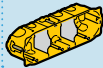



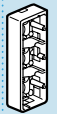

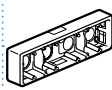
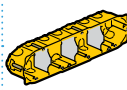
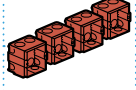

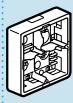
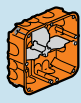
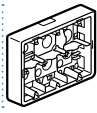
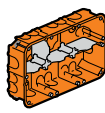
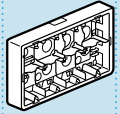
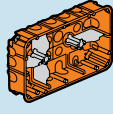


Enhances functions using light  
For indicator or illuminated functions  
Available in 2 modules version (Cat.Nos 802 60/62), 4, 5 or 2 x 2 horizontal modules version (Cat.No 802 58) and in 5 or 2 x 2 vertical modules version (Cat.No 802 57)  
Very low energy consumption:  
- Cat.No 802 62: 12 kWh a year  
- Cat.Nos 802 57/58/60: 0.3 kWh a year

# supports, plates and boxes for Mosaic™

		UNIVERSAL SUPPORTS		OTHER SUPPORTS ITALIAN STANDARD		MOSAIC PLATES (IP 44, see p. 808)	
						Standard	
	1 module		802 50				788 01 <input type="radio"/> 790 01 <input type="radio"/>
	2 modules		802 51 802 60 (illuminated) 802 62 (indicator) 802 61/69 (clip-mounting)				788 02 <input type="radio"/> 790 02 <input type="radio"/>
	3 modules		802 59 (with claws)		802 13		788 03 <input type="radio"/> 790 03 <input type="radio"/>
	4 modules				802 14		788 14 <input type="radio"/> 790 14 <input type="radio"/>
	5 modules						788 15 <input type="radio"/> 790 15 <input type="radio"/>
	2 x 2 modules						788 04 <input type="radio"/> 790 04 <input type="radio"/>
	5 modules		802 52				788 25 <input type="radio"/> 790 25 <input type="radio"/>
	2 x 2 modules						788 22 <input type="radio"/> 790 22 <input type="radio"/>
	6 modules				802 16		788 16 <input type="radio"/> 790 16 <input type="radio"/>
	8 modules						788 18 <input type="radio"/> 790 18 <input type="radio"/>
	3 x 2 modules		802 53				788 06 <input type="radio"/> 790 06 <input type="radio"/>
	3 x 2 modules						788 23 <input type="radio"/> 790 23 <input type="radio"/>
	10 modules		802 54				788 10 <input type="radio"/> 790 10 <input type="radio"/>
	4 x 2 modules						788 08 <input type="radio"/> 790 08 <input type="radio"/>
	2 x 5 modules		802 64				788 30 <input type="radio"/> 790 30 <input type="radio"/>
	2 x 2 x 2 modules						788 38 <input type="radio"/> 790 38 <input type="radio"/>
	2 x 6 modules						788 36 <input type="radio"/> 790 36 <input type="radio"/>
	2 x 8 modules		802 66				788 37 <input type="radio"/> 790 37 <input type="radio"/>
	3 x 2 x 2 modules						788 32 <input type="radio"/> 790 32 <input type="radio"/>
	2 x 10 modules		802 68				788 28 <input type="radio"/> 790 28 <input type="radio"/>

Red catalogue numbers: New products

SURFACE MOUNTING BOXES		DRY PARTITIONS		MASONRY						MULTI-MATERIALS	
		Batibox		Batibox		Universal boxes		Italian type			
Depth (mm)	Cat.Nos	Depth (mm)	Cat.Nos	Depth (mm)	Cat.Nos	Depth (mm)	Cat.Nos	Depth (mm)	Cat.Nos	Depth (mm)	Cat.Nos
		40	 800 40	40	 801 40						
30 40	 802 80 802 81	40 50 60	 800 41 800 51 800 61	40 50	 801 41  801 51 without screws 801 08	40	 (without screws) 313 01	50	 892 39		
40	 802 89	40	 800 49	40	 801 49						
40	 802 85							50	 892 49		
40	 802 82	40 50	 800 42 800 52	40 50	 2 x 801 41 2 x 801 51	40	 2 x 313 01				
40	 802 86	40 50	 800 43 800 53	40 50	 3 x 801 41 3 x 801 51	40	 3 x 313 01	50	 892 50		
40	 802 83					40	 3 x 313 01				
40	 802 84	40 50	 800 44 800 54	40 50	 4 x 801 41 4 x 801 51	40	 4 x 313 01				
50	 802 74									50	 801 24
50	 802 76									50	 801 26
46	 802 78									50	 801 28