

# HOME AUTOMATION & HOME NETWORK

## Arteor Radio/ ZigBee® technology



**NEW**  
P. 287  
Key cover  
selection charts

## Arteor BUS/SCS technology



**NEW**  
P. 293  
Key cover  
selection charts



**NEW**  
P. 303  
Sound diffusion



P. 311  
Classic Home  
Network

## Home Network



P. 320  
Internal optical  
termination device

## NEW PRODUCTS 2014



**Arteor  
Radio/ZigBee®**  
mechanisms and  
key covers for a  
complete product  
(p. 287)



**Arteor  
BUS/SCS**  
mechanisms and key  
covers for a complete  
product  
(p. 293)

# MyHOME<sup>®</sup> automation

The answer for all home automation requirements, from a single function to global integrated solutions. My Home Legrand supports 2 technologies: Radio using ZigBee<sup>®</sup> protocol and BUS using SCS protocol.

## SOFTWARE CONFIGURATION

The configuration of SCS-BUS technology devices can be completed using a PC with the appropriate MyHOME\_Suite application installed.

The software can be downloaded free of charge from the website:

[www.homesystems-legrandgroup.com](http://www.homesystems-legrandgroup.com)



**NEW**  
**P. 288**  
Lighting and roller blinds controllers/receivers



**NEW**  
**P. 289**  
Lighting and roller blinds transmitters



**NEW**  
**P. 289**  
Scenario controllers



**P. 290**  
Other functions



**NEW**  
**P. 294**  
Lighting control and automation



**NEW**  
**P. 296**  
Modular equipment for lighting control and automation



**NEW**  
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Temperature control



**P. 301**  
Intruder alarm



**P. 305**  
Energy and load shielding management



**NEW**  
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Home system and door entry system



**P. 313**  
Evolutive Home Network



**P. 315**  
Evolutive + Home Network



**NEW**  
**P. 319**  
FTTH  
Fibre to the Home preterminated solution



**P. 319**  
FTTH  
Fibre to the Home prewired solution



**MyHome Screen 3.5" and 10"**  
colour touch screens for home system management  
(p. 306)



**FTTH**  
**Fibre To The Home**  
preterminated and prewired solution  
(p. 319)



5 745 58



5 745 61



5 745 67



5 745 96



5 745 80



5 745 82

Key cover description	ROUND VERSION		SQUARE VERSION			
		White ○	Black ●		White ○	Black ●
Lighting switch 1 circuit		5 745 55	5 745 56		5 745 73	5 745 74
Lighting switch 2 circuits		5 745 57	5 745 58		5 745 75	5 745 76
Lighting switch 3 circuits		5 745 59	5 745 60		5 745 96	5 745 97
Lighting dimmer with blue LED bargraph		5 745 61	5 745 62	-	-	-
Lighting dimmer without blue LED bargraph		5 745 63	5 745 64		5 745 81	5 745 82
Lighting dimmer 2 circuits with blue LED bargraph		5 745 65	5 745 66		5 745 79	5 745 80
Roller blind control		5 745 67	5 745 68		5 745 83	5 745 84
4 scenario controller		5 745 69	5 745 70		5 745 77	5 745 78
False key cover		5 745 71	5 745 72		5 745 85	5 745 86

For a complete product:



=



Mechanism

+



Key cover



0 672 34

5 735 45

5 735 46

0 672 63

Support frame and plate selection charts **p. 271-278**. Load selection charts **p. 292**  
Key cover selection charts **p. 287**

Receivers to be equipped with round or square key cover (p. 287) and with 2-module plates (p. 271 to 278)

To be installed in flush-mounting boxes min. depth 40 mm

To be equipped with 2-module support frames

Connect to the load and can be controlled by remote control transmitters, scenario switches, mobile control units and detectors (p. 289 to 291)

Pack	Cat.Nos	<b>Lighting controllers/receivers (switches)</b> <b>100/240 VA</b>
1	0 672 31	Each active button on the receivers is identified by LED (blue LED indicator status supplied) <b>Switch without neutral - 300 W - 1 circuit</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 44	<b>Switch without neutral - 2 x 300 W - 2 circuits</b> Supplied with support frame To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 33	<b>Switch with neutral - 2500 W - 1 circuit</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 34	<b>Switch with neutral - 2 x 1000 W - 2 circuits</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 45	<b>Switch with neutral - 3 x 1000 W - 3 circuits</b> To be equipped with round or square key cover, see selection chart (p. 287)

Pack	Cat.Nos	<b>Lighting controllers/receivers (dimmers)</b> <b>100/240 VA</b>
1	0 672 37	Each active button on the receivers is identified by LED (with blue LED bargraph) <b>Leading/trailing edge dimmer without neutral - 300 W</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 46	<b>Leading/trailing edge dimmer without neutral - 600 W</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 49	<b>Leading/trailing edge dimmer without neutral - 2 x 300 W</b> Supplied with support frame To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 47	<b>Universal dimmer with neutral - 400 W</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	5 735 48	<b>0-10 V dimmer</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 63	<b>Roller blind controller/receiver - 100/240 VA</b> With neutral To be equipped with round or square key cover, see selection chart (p. 287)

ZigBee®: Certified product Manufacturer Specific Profile



0 672 35

Support frame and plate selection charts p. 271-278  
Key cover selection charts p. 287

To be equipped with round or square key cover (p. 287) 2-module plate (p. 271 to 278) and multi-standard support frame (with removable fins)  
Cat.No 5 735 51  
Surface mounting with direct fixing of support frame on wall  
Control one or more Radio/ZigBee® receivers  
No wiring needed  
Supplied with batteries

Pack	Cat.Nos	Lighting remote control transmitters
1	0 672 35	<b>For 1 circuit switch controllers</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 36	<b>For 2 circuit switch controllers</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 39	<b>For dimmer controllers</b> To be equipped with round or square key cover, see selection chart (p. 287)
1	0 672 64	<b>Roller blind control transmitter</b> <b>For roller blind controllers</b> To be equipped with round or square key cover, see selection chart (p. 287)



5 738 70

0 882 32

0 883 07

Support frame and plate selection charts p. 271-278

Pack	Cat.Nos	Wall mounting scenario controller
1	0 672 40	To be equipped with round or square key cover (p. 287), 2-module plate (p. 271 to 278) and multi-standard support frame (with removable fins) Cat.No 5 735 51 Standard rocker plates and plates can be replaced by touch plates Surface mounting with direct fixing of support frame on wall No wiring needed Supplied with batteries <b>4-scenario controller</b> 4 push-buttons to control 4 scenarios (1 scenario can control several functions: shutters, lighting...) To be equipped with round or square key cover, see selection chart (p. 287)
1	5 737 90	<b>Touch plates for scenario controller</b> <b>British standard touch plates</b> ○ White ● Black
1	5 737 91	
1	5 737 92	<b>Italian and American standard touch plates</b> ○ White ● Black
1	5 737 93	
1	5 735 51	<b>Multistandard support frame</b> For scenario controllers, light and roller blind transmitter Radio/ZigBee®
1	5 738 70	<b>Mobile scenario controllers</b> 1 scenario can control several functions: lighting level adjustment, roller blinds, general ON or OFF... <b>Pocket scenario controller</b> 4-scenario controller For Radio/ZigBee® installation Supplied with batteries
1	0 882 32	<b>Radio/ZigBee® - IR remote control</b> 5-scenario controller Supplied with batteries
1	0 883 07	<b>Mobile scenario controller</b> 6-scenario controller Can control a dimmer group by high volt contact Supplied with batteries












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# Arteor™

## other functions Radio/ZigBee®



Load selection charts p. 292

Pack	Cat.Nos	Radio/ZigBee® micromodule switch	Pack	Cat.Nos	Plexo Programme radio transmitter/receiver switch
1	0 883 05	 <p>1 output - 300 W Enables control points to be added to improve an existing installation without damage to the walls Controls energy-saving, LED, halogen and incandescent bulbs To be installed near the lamp with neutral with Cat. No 0 306 54 (plug-in ceiling rose) for example Its receiver function is used to execute commands received from scenario switches, centralised control units, etc (p. 289, 291) Phase/neutral power supply</p>	1	0 695 03	 <p>2500 W Its transmitter function allows it to control another lighting Radio/Zigbee® receiver switch Its receiver function is used to execute commands received from centralised control units, scenario switches, mobile control units, etc (p. 289, 291) 3-wire installation in box depth 40 mm min.</p>
		<p><b>Transmitter/receiver mobile sockets</b> Connect directly to an existing 2P+E socket to switch the light connected to the socket Its receiver function is used to execute commands received from scenario switches, centralised control units, etc (p. 289, 291)</p> <p><b>Radio/ZigBee® mobile dimmer switch-sockets</b> 500 VA 2 lighting levels (factory-preset and modifiable by the user)</p>	1	0 883 26	 <p><b>Weatherproof radio individual blind switch for mounting in a head rail with slat orientation</b> Controls motors (without encoder) electric blinds for lowering/raising/stopping the blind Installed in the loft or in the blind head rail during modernisation of an existing blind without damage to the walls Must be used together with a centralised switch Cat.No 0 672 64 Must remain accessible for any programming necessary Maximum loads supported in 230 VA: 1 x 500 VA</p>
1	0 883 22	 <p>German standard</p>			<p><b>Radio transmitter/receiver multifunction switches - 230 VA</b> Switches for controlling 1 or 2 circuits connected to its terminals according to 3 different operating modes: time-lag switch, switch, remote control switch Its receiver function is used to execute, on its circuits, on/off commands received from individual control units, centralised control units, scenario switches, mobile control units, etc (p. 289, 291) Phase/neutral power supply</p>
1	0 883 20	 <p>British standard</p>	1	5 738 58	
1	0 883 25	<p><b>Radio/ZigBee® switch-sockets</b> 10 A</p>  <p>German standard</p>	1	5 738 60	 <p>Weatherproof multifunction 2-gang switch 2 x 2500 W</p>
1	0 883 23	 <p>British standard</p>			
		<p><b>Transmitter/receiver control units for false ceiling - 100-240 VA</b> Its receiver function is used to execute, on its circuits, on/off commands received from centralised control units, scenario switches, mobile control units, etc (p. 289, 291)</p>			
1	5 738 62	<p><b>Universal switch - phase/neutral</b> 1 output - 2500 W</p> 			
1	5 738 64	<p><b>Dimmer for all loads (excluding fluorescent and LEDs) - without neutral</b> 1 output - 600 W</p> 			
1	5 738 66	<p><b>Dimmer for 1-10 V ballast - phase/neutral</b> 1 output - 500 VA</p> 			

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0 672 50



0 883 32



Support frame and plate selection charts **p. 271-278**

Pack	Cat.Nos	Indoor temperature sensor
1	0 883 30	<p><b>IP 21</b>                      For indoor use only                      Setting: 2 temperature thresholds                      Temperature ranges: from - 10°C to + 40°C                      Can be used to initiate 2 scenarios when the temperature is higher than the high threshold or lower than the low threshold</p>
1	5 735 50 <b>N</b>	<p><b>Water-heater switch - receiver</b>                      Can be activated by any other radio device                      To be equipped with 2-module plates and 2-module support frame (p. 271 to 278)                      To be installed in flush-mounting box min. depth 40 mm                      To be equipped with round or square key cover (for 1 lighting circuit), see selection chart (p. 287)</p>
1	0 672 50 <b>N</b>	<p><b>BUS/SCS-Radio/ZigBee® Arteor gateways</b>                      To be equipped with 2-module plates and 2-module support frames (p. 271 to 278)                      To be installed in flush-mounting boxes min. depth 40 mm                      Used to link a BUS/SCS installation and an additional Radio/ZigBee® installation                      Used to control up to 32 transmitters                      To be equipped with round or square false key cover, see selection chart (p. 287)</p>

Pack	Cat.Nos	Transmitters with auxiliary inputs
1	0 883 31	<p><b>Product for light control</b>                      Can be used to initiate ON/OFF on closing or opening of a volt-free contact                      For controlling a Radio/ ZigBee® installation using commercially-available detectors (eg: light sensitive switch, moisture sensor)                      Fits behind a traditional switch, without damage to the walls, to control a Radio/ZigBee® switch</p>
1	0 883 32 <b>N</b>	<p><b>For scenario control</b>                      Can be used to launch 2 scenarios when closing and opening with a volt free contact                      For controlling scenario Radio/Zigbee® installation using commercially available detectors (moisture sensor, wind/sun captors or from the smoke detectors)</p>

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**Switches and dimmers maximum loads at 230 V (for values at 110 V, please halve values)**

		Universal								
		Leading edge				Trailing edge				
Cat.Nos		Incandescent lamp	Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube	Compact fluorescent lamp	LED	Fluorescent lamps with 0-10 V ballast	Reducer motor for shutter
<b>SWITCHES</b>	<b>0 672 31</b>	60 W - 300 W	60 W - 300 W	60 VA - 300 VA	60 VA - 300 VA	-	-	-	-	-
	<b>5 735 44</b>	2 x 60 W 2 x 300 W	2 x 60 W 2 x 300 W	2 x 60 VA 2 x 300 VA	2 x 60 VA 2 x 300 VA	-	-	-	-	-
	<b>0 672 33</b>	2500 W	2500 W	2500 VA	2500 VA	1250 VA	1250 VA	1250 VA	-	-
	<b>0 672 34</b>	2 x 1000 W	2 x 1000 W	2 x 1000 VA	2 x 1000 VA	2 x 500 VA	2 x 500 VA	2 x 500 VA	-	-
	<b>5 735 45</b>	3 x 1000 W	3 x 1000 W	3 x 1000 VA	3 x 1000 VA	3 x 500 VA	3 x 500 VA	3 x 500 VA	-	-
	<b>0 672 63</b>	-	-	-	-	-	-	-	-	500 VA
	<b>0 883 27</b>	-	-	-	-	-	-	-	-	500 VA
	<b>5 738 62</b>	2500 W	2500 W	2500 VA	2500 VA	1250 VA	1250 VA	1250 VA	-	-
	<b>5 738 58</b>	2500 W	2500 W	2500 VA	2500 VA	1250 VA	1250 VA	1250 VA	yes	-
	<b>5 738 60</b>	2 x 2500 W	2 x 2500 W	2 x 2500 VA	2 x 2500 VA	2 x 1250 VA	2 x 1250 VA	2 x 1250 VA	yes	-
	<b>0 883 05</b>	300 W	300 W	300 VA	300 VA	150 VA	150 VA	150 VA	-	-
	<b>0 883 23/25</b>	2500 W	2500 W	2500 VA	2500 VA	1250 VA	1250 VA	1250 VA	-	-
<b>DIMMERS</b>	<b>0 672 37</b>	60 W - 300 W	60 W - 300 W	60 VA - 300 VA	60 VA - 300 VA	-	-	-	-	-
	<b>5 735 49</b>	2 x 60 W 2 x 300 W	2 x 60 W 2 x 300 W	2 x 60 VA 2 x 300 VA	2 x 60 VA 2 x 300 VA	-	-	-	-	-
	<b>5 735 46</b>	600 W	600 W	450 VA	600 VA	-	-	-	-	-
	<b>5 735 47</b>	40 W - 300 W	40 W - 300 W	8 VA - 300 VA	8 VA - 300 VA	-	160 VA	160 VA	-	-
	<b>5 735 48</b>	-	-	-	-	-	-	-	1000 VA	-
	<b>5 738 66</b>	-	-	-	-	-	-	-	1000 VA	-
	<b>5 738 64</b>	600 W	600 W	450 VA	600 VA	-	-	-	-	-
	<b>0 883 20/22</b>	60 W/500 W	60 W/500 W	60 VA/500 VA	60 VA/500 VA	-	-	-	-	-



Key cover description	Pack	Number of modules	ROUND VERSION		SQUARE VERSION			
			White ○	Magnesium ●	White ○	Magnesium ●		
Regulation symbol left-hand side mounting	5	1		5 745 05	5 745 06		5 744 87	5 744 86
Regulation symbol right-hand side mounting	5	1		5 745 07	5 745 08			
Regulation symbol	5	2		5 745 37	5 745 38		5 744 89	5 744 88
Light symbol any side mounting	5	1		5 745 17	5 745 18		5 744 75	5 744 74
Light symbol	5	2		5 745 43	5 745 44		5 744 77	5 744 76
Dimmer symbol left-hand side mounting	5	1		5 745 20	5 745 22		5 744 69	5 744 68
Dimmer symbol right-hand side mounting	5	1		5 745 19	5 745 21			
Dimmer symbol	5	2		5 745 41	5 745 42		5 744 71	5 744 70
Up/Down symbol any side mounting	5	1		5 745 15	5 745 16		5 744 93	5 744 92
Up/Down symbol	5	2		5 745 35	5 745 36		5 744 95	5 744 94
GEN marking	5	2		5 745 39	5 745 40		5 744 73	5 744 72
GEN/ON/OFF marking left-hand side mounting	5	1		5 745 24	5 745 26		5 744 83	5 744 82
GEN/ON/OFF marking right-hand side mounting	5	1		5 745 23	5 745 25			
GEN/ON/OFF marking	5	2		5 745 31	5 745 32		5 744 85	5 744 84
ON/OFF marking left-hand side mounting	5	1		5 745 28	5 745 30		5 744 79	5 744 78
ON/OFF marking right-hand side mounting	5	1		5 745 27	5 745 29			
ON/OFF marking	5	2		5 745 33	5 745 34		5 744 81	5 744 80
Sound source selection right-hand mounting	5	1		5 745 11	5 745 12		5 744 91	5 744 90
Shutter STOP marking any side mounting	5	1		5 745 45	5 745 46		5 745 47	5 745 48
Without marking any side mounting	5	1		5 745 09	5 745 10		5 744 65	5 744 64
Without marking	5	2		5 745 13	5 745 14		5 744 67	5 744 66

# Arteor™

## lighting control and automation mechanisms BUS/SCS



Support frame and plate selection charts **p. 271-278**  
Key cover selection charts **p. 293**

Pack	Cat.Nos	Basic control mechanisms
1	0 675 52 <b>N</b>	For controlling a controller (eg: lighting, shutters or lighting + shutters) depending on the selected configuration Used to manage groups of functions and centralise them (scenario switch type) To be installed in flush-mounting boxes <b>Micropush control mechanisms</b> To be equipped with key covers (p. 293), support frames and plates (p. 271 to 278) 2 modules For controlling 1 or 2 controllers
1	0 675 54 <b>N</b>	3 modules For controlling up to 3 controllers
<b>Multi-functions control mechanisms</b>		
For controlling 1 or 2 controllers (eg: ON/OFF, shutters, scenario control) sound system, door release control, dimming: gradual switching on or off depending on the selected configuration To be installed in flush-mounting boxes <b>Micropush control mechanism</b> To be equipped with key covers (p. 293), support frames and plates (p. 271 to 278) Can control up to 4 scenarios 2 modules		
1	0 675 53 <b>N</b>	
<b>Touch control mechanisms - 2 modules</b>		
Supplied complete, equipped with white or black touch plates Can control up to 4 scenarios		
1	5 739 04	○ White - for BS flush-mounting boxes
1	5 739 05	● Black - for BS flush-mounting boxes
1	5 739 06	○ White - for 2"x 4" flush-mounting boxes
1	5 739 07	● Black - for 2"x 4" flush-mounting boxes
<b>Touch control mechanisms - 3 modules</b>		
Supplied complete, equipped with white or black touch plates Can control up to 6 scenarios For installation in BS, Italian or US flush-mounting boxes		
1	5 739 12	○ White
1	5 739 13	● Black

Pack	Cat.Nos	Flush-mounting controller with built-in control
1	0 675 56 <b>N</b>	For controlling two lighting circuits or a blind motor Slat orientation control 2 outputs - 2 A 230 V power supply To be installed in flush-mounting boxes To be equipped with key covers (p. 293), support frames and plates (p. 271 to 278)
<b>Advanced rolling shutter management devices</b>		
Relay interlocking or pulse based motor drive Position status return: closed, open, intermediate position. Drive following different orders: up, down, or opening		
1	F401 <b>N</b>	<b>2-relay controller for the driving of a motor</b> Maximum motor power: 500 W Logic relay interlocking 2 DIN modules 17.5 mm
1	0 675 57 <b>N</b>	<b>Controller with integrated control for the driving of a motor equipped</b> To be equipped with key covers: - shutter STOP marking Cat.Nos 5 745 45/46/47/48 - up/down symbol Cat.Nos 5 745 15/16 or 5 744 92/93 To be equipped with plate and support frame (p. 271 to 278) Maximum motor power: 500 W Logic relay interlocking Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position Recording of the opening/closing position on the control using self-learning procedure
1	0 675 58 <b>N</b>	<b>Specific advanced motor management control</b> To be equipped with key covers: - shutter STOP marking Cat.Nos 5 745 45/46/47/48 - up/down symbol Cat.Nos 5 745 15/16 or 5 744 92/93 To be equipped with plate and support frame (p. 271 to 278) Point-point, room, group, and general control of the motor controlled rolling shutters, to be used in conjunction with actuators Cat.Nos 0 036 66 or 0 675 57 Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position Recording of the opening/closing position on the control using self-learning procedure

Key covers for micropush control mechanisms, **p. 293**





Support frame and plate selection charts **p. 271-278**

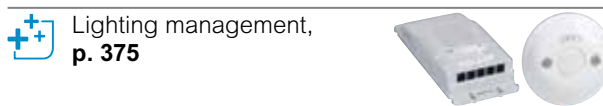
Pack	Cat.Nos	Scenario controllers
1	5 739 02	For controlling a number of controllers and managing 4 scenarios To be used in conjunction with scenario module Cat.No 0 035 51 (p. 296) Supplied complete with scenario identification label Equipped with cover plates To be equipped with support frames and plates (p. 271 to 278) 2 modules <input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	5 739 03	
1	5 745 03	<input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	5 745 04	

Pack	Cat.Nos	8 push-buttons control
1	0 675 92	<b>Mechanism</b> For lighting, automation, sound diffusion and scenario functions To be equipped with support frame and plates (p. 271 to 278) 2 modules
1	3541	<b>A5 sheets</b> For the customisation of the symbols of Cat.No 0 675 92 <input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	3542	

Pack	Cat.Nos	Touch screens
1	5 737 16	Used to control manually or by programming one of the following functions: - control of 4 scenarios - display and centralised management of temperature (1 zone) - sound system (display and selection of sound distribution sources - adjusting loudspeakers and setting the wake-up function) Equipped with cover plates To be equipped with support frames and plates (p. 271 to 278) <input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	5 737 17	

Pack	Cat.Nos	IR remote control
1	0 882 32	For remote control of equipment wired on the BUS (eg: lighting, shutters, etc.) <b>Radio/ZigBee® - IR remote control</b> For use in conjunction with infrared receiver 5-scenario controller Supplied with batteries
1	5 739 00	<b>IR receivers</b> Equipped with round version cover plates, to be equipped with support frames and plates (p. 271 to 278) Can take up to 4 control units Must be installed in the infrared remote control relay Cat.No 0 882 32 (the receiver sends the command from the remote control to the product concerned) <input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	5 739 01	

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Lighting management, **p. 375**

# Arteor™

modular equipment for lighting control and automation BUS/SCS



F414



0 026 02



F425



F420



F422

Load selection charts for actuators **p. 298**  
 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Multi-application DIN controllers
1	F411/1N	NO contact For lighting and motors 2 DIN modules 17.5 mm
1	F411/2	1 output 16 A
1	F411/4	2 outputs 10 A 4 output 6 A - common phase
<b>DIN controllers for dimming</b>		
For use in conjunction with loads and control mechanisms (p. 293) for dimming control		
<b>For incandescent, halogen and ferromagnetic loads</b>		
1	F414	Load: 60 - 1000 W / 230 V - 50 Hz 4 DIN modules 17.5 mm
<b>For electronic transformers loads</b>		
1	F415	1 output Load: 60 - 400 VA / 230 V - 50 Hz 4 DIN modules 17.5 mm
<b>For dimmable LEDs and CFL (Compact Fluorescent Lamps) incandescent, halogen lamps and electronic transformers</b>		
1	F418	1 output Load: 1 - 300 VA / 230 V or 1 - 150 VA / 127 V 4 DIN modules 17.5 mm
1	0 026 27	6 outputs - 12 DIN modules 17.5 mm - 300 VA per output - 230 V - Not CE marked
<b>For 1-10 V ballasts</b>		
1	F413N	Load: 500 VA maximum 2 DIN modules 17.5 mm
1	0 026 11	1 output - 1000 VA maximum 6 DIN modules 17.5 mm
<b>For DALI protocol</b>		
1	0 026 31	Enables communication between the BUS/SCS installation and the lighting appliances controlled by DALI protocol 6 DIN modules 17.5 mm
<b>For incandescent, halogen 230 V, ELV halogen with electronic or ferromagnetic transformer</b>		
1	0 026 21	6 DIN modules 17.5 mm Automatic recognition of the load 1 output - 1000 W maximum
1	0 026 22	2 outputs - 400 W maximum per output
<b>DIN on/off lighting controllers</b>		
1	0 026 01	For lighting (commercial sector) 2 outputs 16 A 4 DIN modules 17.5 mm
1	0 026 02	4 outputs 16 A 6 DIN modules 17.5 mm

Pack	Cat.Nos	BUS power supplies
<b>27 V<sub>~</sub> - 1.2 A</b>		
Maximum consumption: 300 mA Maximum current supplied: 1.2 A 8 DIN modules 17.5 mm		
1	E46ADCN	Input voltage: 230 VA output voltage 27 V <sub>~</sub>
1	E46ADCN/127	Input voltage: 127 VA output voltage 27 V <sub>~</sub>
<b>27 V<sub>~</sub> - 0.6 A</b>		
Maximum current supplied: 0.6 A 2 DIN modules 17.5 mm		
1	E49	Input voltage: 230 VA output voltage 27 V <sub>~</sub>
<b>RJ adaptor</b>		
For connecting Cat.Nos 0 026 01/02/21/22/11 to the BUS		
10	0 488 72	Male connector
<b>Contact interfaces</b>		
Allow the connection between traditional wiring devices such as switches, time delay switches or external sensors		
1	F428	2 independent contacts
1	3477	2 DIN modules 17.5 mm Basic modularity to be installed in flush-mounting box
<b>Additional DIN devices</b>		
<b>Memory module for actuators</b>		
Restore the last state of an actuator in case of a power failure 2 DIN modules 17.5 mm		
<b>Scenario module</b>		
Allows creation of scenarios by linking different functions. Up to 16 scenarios 2 DIN modules 17.5 mm		
<b>SCS-SCS gateway (extension)</b>		
Allows the extension of the installation or the integration between different functions Suitable for larger installations 2 DIN modules 17.5 mm		


 0 488 23  
(directional head)


5 740 48



3501/AUX



3501/CEN



3501K

Pack	Cat.Nos	180° corner sensors
1	0 488 24	<p>Check presence and light level continuously, switch off when there is sufficient natural light Automatic switch-on/off (factory setting) Precise on-site adjustment using configuration tool (p. 382) Connect to controllers by cord or RJ 45 cable or BUS/SCS cable to be fitted with RJ 45 connector Cat.No 0 488 72 (p. 382)</p> <p><b>PIR technology wall/surface-mounting lighting management sensor, 180°</b> With directional head, range (front) 5 m IP 42 Consumption: 0.2 W on standby Supplied with fixing plate</p>
1	0 488 23	<p><b>Dual technology wall/surface-mounting lighting management sensor, 180°</b> Infrared and ultrasonic detection with directional head, range (front) 7 m Consumption: 0.5 W on standby Supplied with fixing plate</p>

Pack	Cat.Nos	180° switch sensors
1	5 740 46	<p><b>PIR technology wall, flush-mounting lighting management sensors, 180°</b> Range 8 m Recommended fixing height: 1.2 m IP 41 Consumption: 0.2 W on standby Integrated push-button For installation in box, depth 40 mm min., or in surface-mounting box Cat.No 5 723 90 2 modules</p>
1	5 740 96	<p>○ White ● Magnesium</p> <p><b>Dual technology wall, flush-mounting lighting management sensors, 180°</b> Infrared and ultrasonic detection, range 8 m Recommended fixing height: 1.2 m IP 41 Consumption: 0.2 W on standby Integrated push-button For installation in box, depth 40 mm min., or in surface-mounting box Cat.No 5 723 90 2 modules</p>
1	5 740 48	○ White
1	5 740 98	● Magnesium

Pack	Cat.Nos	BUS/SCS cables
1	L4669	Conform to IEC 45-5 and IEC 20-20 Grey Length 100 m
1	L4669/500	Length 500 m
1	L4669KM1	Length 1000 m - Supplied on wooden reels
10	0 492 22	<p><b>BUS spare clamp</b> Used to connect the various system components (controls, dimmers, etc) to the BUS line Male connector</p>
1	0 492 34	<p><b>USB cable</b> Programming cable</p>
10	3501/0	0
10	3501/1	1
10	3501/2	2
10	3501/3	3
10	3501/4	4
1	3501/5	5
1	3501/6	6
10	3501/7	7
10	3501/8	8
10	3501/9	9
5	3501/GEN	GEN
5	3501/GR	GR
5	3501/AMB	AMB
5	3501/AUX	AUX
5	3501/ON	ON
5	3501/OFF	OFF
5	3501/O/I	O/I
5	3501/PUL	PUL
5	3501/SLA	SLA
5	3501/CEN	CEN
5	3501/T	↑↓
5	3501/TM	↑↓M
1	3501K/1	Kit with: AUX, GEN, GR, AMB, ON, OFF, O/I, PUL, SLA, CEN, ↑↓, ↑↓M (10 pieces of each figure)
1	3501K	Kit with «0 to 9» jumpers (10 of each number)
1	3502	Plier for plug-in jumpers

**Actuators and dimmers max. loads at 230 V**

		Universal								
		Leading edge			Trailing edge					
Cat.Nos		Incandescent lamp	Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube	Compact fluorescent lamp	LED	Fluorescent lamps with 0-10 V ballast	Reducer motor for shutter
ACTUATORS	0 038 41	10 A - 2300 W	10 A - 2300 W	4 A - $\cos \varphi$ 0.5 920 VA	4 A - 920 VA	920 W	500 VA 10 lamps max.	500 W 10 lamps max.	-	-
	0 038 42	6A - 1380 W	6A - 1380 W	2 A - $\cos \varphi$ 0.5 460 VA	1 A - 230 VA	230 W	250 VA 4 lamps max.	250 W 4 lamps max.	-	2 A - 460 W
	0 038 44	2A - 460 W	2A - 460 W	2 A - $\cos \varphi$ 0.5 460 VA	0.3 A - 70 VA	70 W	70 VA 2 lamps max.	70 W 2 lamps max.	-	2 A - 460 W
	0 026 01	2 x 3600 W	2 x 3600 W	2 x 3600 VA	2 x 3600 VA	2 x 1000 VA	2 x 1000 VA	-	-	-
	0 026 02	4 x 1000 W	4 x 1000 W	4 x 500 VA	4 x 500 VA	4 x 500 VA	4 x 500 VA	4 x 500 VA	-	4 x 100 VA
DIMMERS	0 036 56	-	-	-	-	-	-	-	460 W - max. 10 ballast type T5, T8, compact or driver for LED	-
	0 026 11	-	-	-	-	-	-	-	1000 VA - 50 mA	-
	0 026 21	1000 W	1000 W	1000 VA	1000 VA	-	-	-	-	-
	0 026 22	2 x 400 W	2 x 400 W	2 x 400 VA	2 x 400 VA	-	-	-	-	-
	0 036 52	0,25 - 4,3 A 60 - 1000 W	0,25 - 4,3 A 60 - 1000 W	0,25 - 4,3 A 60 - 1000 VA	-	-	-	-	-	-
	0 036 53	-	-	-	0,25 - 1,7 A 60 - 400 VA	-	-	-	-	-
	0 036 65	1 ÷ 300 W	1 ÷ 300 W	-	1 ÷ 300 VA	-	1 ÷ 300 VA	1 ÷ 300 VA	-	-
	0 026 27	5 - 300 W	5 - 300 W	5 - 300 W	5 - 300 W	-	5 - 300 W	5 - 300 W	-	-

**Actuators and dimmers max. loads at 110 V**

		Universal								
		Leading edge			Trailing edge					
Cat.Nos		Incandescent lamp	Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube	Compact fluorescent lamp	LED	Fluorescent lamps with 0-10 V ballast	Reducer motor for shutter
ACTUATORS	0 038 41	1100 W	1100 W	500 VA	440 W	500 VA	250 W 10 lamps max.	250 W 10 lamps max.	-	-
	0 038 42	660 W	660 W	250 VA	110 W	125 VA	120 W 4 lamps max.	120 W 4 lamps max.	-	250 W
	0 038 44	220 W	220 W	250 VA	35 W	35 VA	35 W 2 lamps max.	35 W 2 lamps max.	-	250 W
	0 026 00	1800 W	1800 W	1800 VA	1800 VA	500 VA	500 VA	-	-	-
	0 026 01	2 x 1800 W	2 x 1800 W	2 x 1800 VA	2 x 1800 VA	2 x 500 VA	2 x 500 VA	-	-	-
	0 026 02	4 x 500 W	4 x 500 W	4 x 250 VA	4 x 250 VA	4 x 250 VA	4 x 250 VA	4 x 250 VA	-	4 x 50 VA
DIMMERS	0 036 56	-	-	-	-	-	-	-	220 W - max. 10 ballast type T5, T8, compact or driver for LED	-
	0 026 11	-	-	-	-	-	-	-	500 VA - 50 mA	-
	0 026 21	500 W	500 W	500 VA	500 VA	-	-	-	-	-
	0 026 22	2 x 200 W	2 x 200 W	2 x 200 VA	2 x 200 VA	-	-	-	-	-
	0 036 52	0,25 - 3,5 A 60 - 800 W	0,25 - 3,5 A 60 - 800 W	0,25 - 2,5 A 60 - 800 VA	-	-	-	-	-	-
	0 036 53	-	-	-	-	-	-	-	-	-
	0 036 65	1 ÷ 300 W	1 ÷ 300 W	-	1 ÷ 300 VA	-	1 ÷ 300 VA	1 ÷ 300 VA	-	-

Installation principle,  
see e-catalogue





5 739 19



5 739 20



5 739 23



5 739 24



5 737 17

Support frame and plate selection charts **p. 271-278**  
 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Central units for temperature control
1 1	5 739 18 5 739 19	Equipped with square version keypad cover plates To be equipped with special plates (p. 275, 276) Supplied with flush-mounting box and 7.2 V battery Cat.No 0 675 18 Can manage up to 99 zones ○ White ● Magnesium
1	0 674 59 <b>N</b>	<b>Display thermostat</b> Flush mounted thermostat with backlit display Can be used to control the temperature of an individual zone, both if a temperature central unit is and is not present It features a temperature probe and an input for the connection of a contact line (e.g. window contact) Can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems Equipped with square version cover plates To be equipped with support frame and plates (p. 271 to 278) To be installed in flush-mounting boxes 2 modules

Pack	Cat.Nos	Probes
1 1	5 739 20 5 739 21	To control the room temperature of heating and cooling system Equipped with square version cover plates To be equipped with support frame and plates (p. 271 to 278) To be installed in flush-mounting boxes 2 modules <b>Standard</b> Temperature setting range: from 3 °C to 40 °C ○ White ● Magnesium
1 1	5 739 22 5 739 23	<b>With knob</b> Temperature setting range: from 3 °C to 40 °C with knob for adjustment of +/- 3 °C relative to the set temperature and for the modality selection ○ White ● Magnesium
1 1	5 739 24 5 739 25	<b>With manual/automatic speed selection for fan coil</b> Temperature setting range: from 3 °C to 40 °C with manual/automatic speed selection for fan-coil ○ White ● Magnesium
1 1	<b>N</b> 5 737 16 5 737 17	<b>Touch screens</b> Used to control manually or by programming one of the following functions: control of 4 scenarios, display and centralised management of temperature (1 zone), sound system (display and selection of sound distribution sources, adjusting loudspeakers and setting the wake-up function) Equipped with cover plates, to be equipped with support frames and plates (p. 386 to 393) ○ White ● Magnesium

# Arteor™

## temperature control BUS/SCS (continued)



F430/2



F430/4



3456

Technical characteristics **see e-catalogue**

Pack	Cat.Nos	DIN rail actuators 100/240 VA - 50/60 Hz	Pack	Cat.Nos	SCS cables
1	F430/2	<b>Actuator with 2 independent relays</b> For single and double loads: 6 A resistive, 3 A motorised valves and pumps 2 DIN modules 17.5 mm	1	L4669	Conform to IEC 45-5 and IEC 20-20 Grey Length 100 m
1	F430/4	<b>Actuator with 4 independent relays</b> For single, double or mixed loads: 6 A resistive, 3 A motorised valves, pumps and fan-coils 2 DIN modules 17.5 mm	1	L4669/500	Length 500 m
1	F430R8	<b>DIN actuators for the control of ON/OFF valves, motorised valves, pumps and fan coils with 0-10V proportional valves</b> Actuator with 8 independent relays for the control of on-off valves, motorised valves (open-close and three-point valves), pumps and fan coils with 2 and 4 tubes 4 A resistive, 1 A motorised valves, pumps and fan coils 4 DIN modules 17.5 mm	1	L4669KM1	Length 1000 m - Supplied on wooden reels
1	F430R3V10	Actuator with 3 independent relays and 2 x 0-10 Volt outputs for the control of fan coils with 2 and 4 tubes with 0-10 Volt proportional valves 4 A resistive, 1 A fan coils 4 DIN modules 17.5 mm	1	3456	<b>IR transmitter for splitter</b> For controlling splitters in different modes (auto-hot- cold) Management of On/Off speeds (auto-low-medium or high) Temperature range between 16 °C and 30 °C Air conditioning remote control can "learn" the IR signal Can be installed behind the air conditioning unit. Supplied complete with 2 m cable
1	F430V10	Actuator with 2 x 0-10 Volt outputs for the control of 0-10 V proportional valves 2 DIN modules 17.5 mm			
1	E46ADCN	<b>BUS power supplies</b> <b>27 V<sub>DC</sub> - 1.2 A</b> Maximum consumption: 300 mA Maximum current supplied: 1.2 A 8 DIN modules 17.5 mm Input voltage: 230 VA output voltage 27 V <sub>DC</sub>			
1	E46ADCN/127	Input voltage: 127 VA output voltage 27 V <sub>DC</sub>			
1	0 035 67	<b>27 V<sub>DC</sub> - 0.6 A</b> Maximum current supplied: 0.6 A 2 DIN modules 17.5 mm Input voltage: 230 VA output voltage 27 V <sub>DC</sub>			
1	3506	<b>Battery for temperature control central unit</b> 7.2 V battery for central unit			



5 739 34



5 739 38



5 739 41



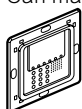
5 739 44



5 739 48

Support frame and plate selection charts **p. 271-278**  
 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Central units for intruder alarm
1	5 739 34	Equipped with square version keypad cover plates To be equipped with special plates (p. 275, 276) Supplied with flush-mounting box Central unit with PSTN integrated telephone dialing device Allows manual activation/deactivation up of the system Can manage up to 72 detectors ○ White ● Magnesium
1	5 739 35	

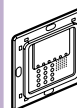


Pack	Cat.Nos	Detectors
1	5 739 36	<b>Fixed IR detectors</b> Volumetric presence detector with passive infrared rays Alarm signal LED with memory 8 meters range, 14 bands divided over 3 levels Possible activation of auxiliary prealarm channel Angular opening 105° ○ White ● Magnesium
1	5 739 37	
1	5 739 38	<b>Adjustable IR detectors</b> Volumetric presence detector with passive infrared rays Alarm signal LED with memory 8 meters range, 14 bands divided over 3 levels Possible activation of auxiliary prealarm channel Angular opening can be divided from 105° to 0° Swivel lens on 2 axes ○ White ● Magnesium
1	5 739 39	
1	5 739 40	<b>Double technology detectors (IR and MW)</b> Volumetric presence detector made up of two sensors: one infrared to detect hot bodies (IR) and one with microwaves to detect movements (MW) The alarm is only triggered when both detection technologies are activated ○ White ● Magnesium
1	5 739 41	



Pack	Cat.Nos	Relay actuator modules
1	F481	With multiple configuration with output via relay-contacts NO/NC, 24 V 0.4 A cos φ 0.4 To be used to repeat the alarm, activate an external device, repeat the system state and signal when battery is flat 2 DIN modules 17.5 mm Can be installed in a flush-mounting box depth 50 mm behind a wiring accessory or a blanking plate
1	3479	

Pack	Cat.Nos	Keypads
1	5 739 44	Equipped with square version cover plates <b>Alarm keypads</b> Activation/deactivation via numeric code 2 modules To be equipped with support frames and plates (p. 271 to 278) ○ White ● Magnesium
1	5 739 45	
1	5 739 46	<b>Display keypads</b> Activation/deactivation keypad via numeric code Allow the visualization of information and manage other functions such as independent management of zones To be equipped with special plates (p. 275, 276) Supplied with flush-mounting box and battery 7.2 V Cat.No 0 675 18 ○ White ● Magnesium
1	5 739 47	



Pack	Cat.Nos	Transponder readers
1	5 739 48	Equipped with square version cover plates To be equipped with support frames and plates (p. 271 to 278) To be installed in flush-mounting boxes 2 modules Transponder reader which activate/deactivate the system with the transponder (badge) Able to store up to 30 transponders ○ White ● Magnesium
1	5 739 49	
3	3530S	<b>Transponders</b> Key card transponder to activate/deactivate the system Proximity card, 125 kHz technology, used to activate/deactivate the alarm. Supplied complete with label
5	3540	



# Arteor™

## intruder alarm BUS/SCS (continued)



5 739 84



3480



0 431 00

Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Sounders	Pack	Cat.Nos	Peripheral opening detectors
1	5 739 84	<b>Indoor sounder</b> Can be installed in flush-mounting box Cat.Nos 0 893 79 and 0 892 79 To be equipped with 6 V battery Cat.No 0 675 16 Sound intensity 90 dB(A) at 3 meters Protected against pulling off and tamperproof	10	0 431 00	For use in conjunction with interface Cat.No 0 675 13 or 0 035 73 <b>Magnetic opening detectors</b> Surface-mounting magnetic detector 1 spring blade switch to be fixed on the door frame 1 moving magnet to be fixed on the door leaf For use with mini-trunking 20 x 12.5 mm Cat.No 0 300 08
1	0 844 24	<b>Outdoor sounder</b> Self-powered, self-protected against opening Emits a loud noise: 100 dB at 1 m Flashing light: 30 flashes a minute Use battery Cat.No 0 433 41 (fitted inside the siren)	10	0 431 01	Flush-mounting magnetic detector For surveillance of non-magnetic doors Dimens.: ø8 mm - length: 30 mm
		<b>Accessories</b>	1	0 431 08	Magnetic detector for garage door 1 foot to be fixed on the floor 1 magnet to be fixed on the door Supplied with 1 connection cable with steel casing
1	3507/06	<b>Batteries</b> 6 V - 0.55 Ah for indoor siren	1	0 431 10	<b>Glass break detector</b> Detection over a radius of 1.5 m Ultrasound detection created by the glass breaking Glued on the door (adhesive supplied)
1	3506	7.2 V battery for central unit	1	0 431 12	<b>Tread mat</b> Placed under object to be protected or under carpet and mat placed on the access path
1	0 407 49	Lead battery 12 V - 7 Ah			<b>Detection device for use in conjunction with interface Cat.No 0 675 13</b>
1	E47ADCN	<b>Power supply</b> For installation in the consumer unit, self-protected against opening of the cabinet Output current: 1 A Output voltage: 24.5 V= 8 DIN modules 17.5 mm	1	3482	<b>Flood sensor</b> In conjunction with a switch for local acknowledgement
1	L4669S	<b>SCS cable for intruder alarm</b> Supplied on a reel - Red Length 100 m			
10	L4630	<b>Tamper-proof device</b> Rod for self-monitoring against pulling off			
2	0 893 79	<b>Flush-mounting boxes</b> For dry partitions - 2 x 3 modules			
2	0 892 79	For concrete walls - 2 x 3 modules			
		<b>Opening detector interfaces</b> Allow other brands sensors management through N/C contacts			
1	3480	<b>Opening detector interfaces</b> Can be installed in a flush-mounting box Depth 50 mm behind a wiring accessory or a blanking plate			
1	F482	2 DIN modules 17.5 mm			
1	3480V12	<b>12 V opening detectors interfaces</b> Can be installed in a flush-mounting box Depth 50 mm behind a wiring accessory or a blanking plate			
1	F482V12	2 DIN modules 17.5 mm			



Support frame and plate selection charts **p. 271-278**  
 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Flush-mounting amplifiers
1	<b>N</b> 0 675 55	<b>2 x 1 Wrms - 2 modules</b> To be equipped with key covers (p. 295), support frame and plate (p. 271 to 278) 
5	5 745 11	<b>Key covers - 1 module</b> For flush-mounting amplifier Cat.No 0 675 55
5	5 745 12	
5	5 745 05	○ White - right-hand side mounting ● Magnesium - right-hand side mounting
5	5 745 06	
5	5 744 91	○ White - left-hand side mounting ● Magnesium - left-hand side mounting
5	5 744 90	
5	5 744 87	○ White ● Magnesium
5	5 744 86	
1	F502	<b>DIN rail amplifiers</b> <b>2 x 1 Wrms</b> 2 x 1 Wrms - 100/240 VA 4 DIN modules 17.5 mm
1	F503	<b>2 x 30 Wrms</b> 2 x 30 Wrms - 100/240 VA 10 DIN modules 17.5 mm
1	5 739 26	<b>RCA inputs</b> Equipped with square version cover plates To be equipped with support frames and plates (p. 271 to 278) For connecting a stereo source to the system 2 modules 
1	5 739 27	
2	0 893 79	<b>Flush-mounting boxes</b> For loudspeaker Cat.No 5 739 77 For dry partitions - 2 x 3 modules For concrete walls - 2 x 3 modules
2	0 892 79	

Pack	Cat.Nos	Flush-mounting loudspeakers
1	5 739 28	<b>8 ohms - 100 W - 50 Wrms</b> To be installed in flush-mounting box min. depth 80 mm  ○ White ● Magnesium
1	5 739 29	
1	5 739 77	<b>16 ohms - 12 W - 6 Wrms</b> To be installed in flush-mounting box Cat.Nos 0 893 79 or 0 892 79 ○ White 
1	L4567	<b>Surface-mounting loudspeakers</b> 8 ohms - 40 W - 20 Wrms 8 ohms - 140 W - 70 Wrms
1	L4569	
1	L4566	<b>False ceiling loudspeakers</b> 8 ohms - 100 W - 50 Wrms Ø240 mm
1	L4566/10	8 ohms - 20 W - 10 Wrms Ø100 mm
1	L4568	8 ohms - 50 W - 25 Wrms Dimensions: 600 x 600 mm (equal to false ceiling panel) - old item 5 739 83
1	<b>N</b> 5 737 16	<b>Touch screens</b> Used to control manually or by programming one of the following functions: control of 4 scenarios, display and centralised management of temperature (1 zone), sound system (display and selection of sound distribution sources, adjusting loudspeakers and setting the wake-up function) Equipped with cover plates To be equipped with support frames and plates (p. 271 to 278) ○ White ● Magnesium
1	5 737 17	

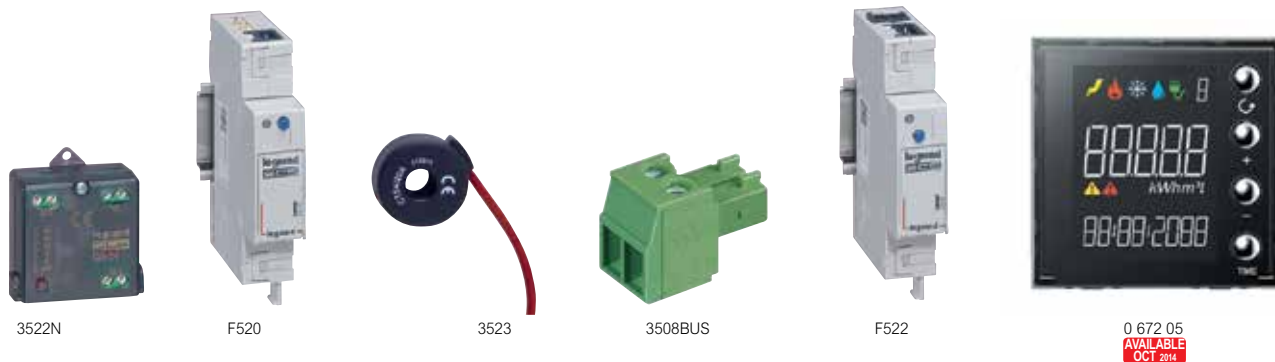
# Arteor™

## sound diffusion BUS/SCS (continued)












Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Connectors	Pack	Cat.Nos	Sound output
1 1	5 739 32 5 739 33	<p>Equipped with square version cover plates To be equipped with support frames and plates (p. 271 to 278) 8 contact connector to link interface Cat.No 0 035 86 to the BUS 1 module</p> <p> White  Magnesium</p>	1	3496	Sound output for touch screen 3.5" (p. 306) Works as a source for sound diffusion system
1	F441M	<p><b>Audio/video signal distribution devices</b></p> <p> Multi-channel matrix with cross-connection, mixing switch functions for distribution of: the stereo sound source signal and audio/video signals 8 inputs (first 4 for the 2-wire audio/video system and others for stereo sound source) 8 outputs 10 DIN modules 17.5 mm</p>	1	3499	<b>Attenuator</b> To be connected at the end of the line of the outputs of audio/video node and multi-channel matrix
1	F441	<p> Audio/video node for mixing audio/video sources (max. 4 sources) 6 DIN modules 17.5 mm</p>	1	3495	<b>Insulator for sound sources</b> Isolates the 27 V sound system from 230 V external sources For use with RCA input
1	F500N	<p><b>DIN RDS radio source</b></p> <p> RDS stereo radio tuner with coaxial connector for external aerial antenna Supplied with depth compensator for DIN rail 4 DIN modules 17.5 mm</p>	1	346000	<b>Power supplies</b> Power supply unit for sound system Input voltage: 230 VA output voltage 27 V= Maximum consumption 1 A 8 DIN modules 17.5 mm
1	L4561N	<p><b>DIN stereo control source</b></p> <p> For stereo sources IR remote control possible RCA/RCA and jack cables to connect to IR transmitters 4 DIN modules 17.5 mm</p>	1	5 739 90	Power supply unit for sound system Input voltage: 127 VA output voltage 27 V= Maximum consumption 1 A 8 DIN modules 17.5 mm
1			1	336904	<b>BUS cable</b> For sound diffusion and video door entry system 200 m
5	L4668BUS/60		5	L4668BUS/60	<b>BUS cord</b> 600 mm



0 672 05  
AVAILABLE  
OCT 2014

Pack	Cat.Nos	Consumption indicators	Pack	Cat.Nos	Load and load shedding management
1	3522N	<b>Pulse counter interface</b>  <p>Used to store data from a pulse counter (water, colorimetry, heat or gas)            In countries where there is ATEX Directive it's mandatory to use a zener barrier/Galvanic insulation barrier between the pulse counter interface and the gas meter            The barrier must answer to the ATEX directive and must be installed outside ATEX area            Install one pulse counter interface per meter to measure the consumption individually            Consumption data stored hour by hour, and kept for several years (12 years)            Display can be in the form of histograms or statistical data            Use a touch screen Cat.Nos 5 739 58 or 0 672 67/68 to display the consumption of the various meters</p>	1	F521	<b>Central control unit</b>  <p>Used to define an energy threshold and manage load shedding priorities set on controllers to avoid unwanted breaks as a result of exceeding the energy contract            Manages up to 63 controllers            The max. authorised power threshold can be defined            The settings can be activated/deactivated from the touch screen            Instantaneous and cumulative display of circuit consumption on the touch screen            Integrated memory module            For installation in the consumer unit            1 DIN module 17.5 mm</p>
1	F520	<b>Consumption indicator for 3 circuits</b>  <p>For single phase installations            Supplied with a toroid and its link            Each toroid can monitor one circuit            The consumption indicator can take up to 3 toroids, for monitoring 3 separate circuits            Several consumption indicators can be installed to monitor more than 3 circuits on the installation.            Instantaneous and cumulative display of the consumption for each circuit and display of consumption on touch screens Cat.Nos 5 739 58 or 0 672 67/68            Display can be in the form of histograms or statistical data. Consumption data can be stored for 1 year, hour by hour, 2 years day by day or 12 years month by month</p>	1	5 739 85	<b>Control with load monitoring</b> Equipped with square version cover plates To be equipped with support frames and plates (p. 271 to 278) Used to display the status of the load controlled by the central load control unit (Cat.No 0 035 57) and force operation of the load independently Used to force the load during normal operation and reactivate the load previously deactivated by the central control unit <input type="radio"/> White <input checked="" type="radio"/> Magnesium
1	3523	<b>Additional toroid</b>  <p>Operates with consumption indicator Cat.No 0 035 55            Also operates with controller Cat.No 0 035 58 for load diagnostics 90 A max.            Cable cross-section 25 mm<sup>2</sup> max</p>	1	5 739 91	<b>16 A controller</b>  <p>Used to define a priority level for a circuit in the context of a load shedding function            For installation in the consumer unit            1 DIN module 17.5 mm            Can be used as an electronic control box controller and/or an energy management controller</p>
1	F524	<b>IP data concentrator</b>  <p>Used to display the data measured by the system via several web pages            Can handle different billing rates            Integrated memory for up to 10 pulse counter circuits            Centralises the data from circuits/pulse counter            Automatic backup onto SD card</p>	1	F523	<b>16 A controller with consumption measurement</b>  <p>Used to define a priority level for a circuit in the context of a load shedding function            For installation in the consumer unit            1 DIN module 17.5 mm            Can be used as an electronic control box controller and/or an energy management controller            Measures the consumption of the load being controlled and displays (via touch screen Cat.Nos 5 739 58 or 0 672 67/68) instantaneous and cumulative consumption with separate reset -            Diagnostics of the load being controlled with use of toroid Cat.No 0 035 56</p>
10	3508BUS	<b>Connectors</b> Spare parts for consumption indicator Cat.No 0 035 55 and controllers Cat.Nos 0 035 57/58/59  <p>BUS connector, depth 3.81 mm            2-pole connector            3-pole connector</p>	1	F522	<b>Energy display</b>  <p>1,6" basic display for visualizing consumption of different lines (datacoming from Cat.Nos 0 035 55/57/54) and/or for controlling actuators belonging to load management system (Cat.Nos 0 035 58/59)            2 modules</p>

# Arteor™

## home system management BUS/SCS



Support frame and plate selection charts **p. 271-278**

Pack	Cat.Nos	Local management
		<b>Local display 1.2"</b> 1.2" touch screen for the management of max. 4 of following functions: sound system, temperature control, scenarios, energy consumptions visualization and load management 2 modules Equipped with cover plates, to be equipped with support frames and plates (p. 271 to 278)
1	<b>N</b> 5 737 16	○ White
1	5 737 17	● Magnesium
1	5 739 58	<b>MyHome screen 3.5"</b> 3.5" colour touch screen for the management of light functions, automation, burglar alarm, temperature control, sound system, scenarios and energy management Equipped with front panel USB connector for setup and ready for Open Webnet programming language To be installed in flush-mounting box Cat.Nos 0 892 79 or 0 893 79 Equipped with surround, to be equipped with special plates (p. 275-276)
1	0 672 68	○ White
1	0 672 67	● Black

Pack	Cat.Nos	Remote management
1	F454	<b>Web server gateway TCP-IP</b> Audio/video web Server for the remote control of the system The device can operate as a gateway for the use of MyHome Suite 6 DIN modules 17.5 mm
1	0 492 49	<b>Other devices</b> <b>Supervision software</b> Can be used in order to tune up the system's functions through a computer, and to follow them on real time basis
1	MH202 <b>AVAILABLE OCT 2014</b>	<b>Scenario scheduler</b> Allows setting up of up to 300 scenarios with pre-set conditions (time and logical type) 6 DIN modules 17.5 mm
1	346020	<b>Additional power supply</b> Provides power for Web server and scenario scheduler Cat.No 0 035 65 2 DIN modules 17.5 mm
1	F450	<b>Open/Bacnet Gateway</b> Interface for the remote control with Touch Screen of devices Bacnet as Fancoil units, AC units, underfloor heating
2	0 893 79	<b>Flush-mounting boxes</b> For 3.5 touch screen Cat.No 5 739 58 For dry partitions - 2 x 3 modules For concrete walls - 2 x 3 modules
2	0 892 79	



5 739 50



5 739 52



5 739 54

Support frame and plate selection charts **p. 271-278**  
 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Video internal display units
1	5 739 50	Hands-free internal unit. 2.5" LCD colour display Possible integration in BUS system. Equipped with White or Magnesium cover plates, to be equipped with special plates (p. 275-276). To be installed in flush-mounting box Cat.Nos 0 893 79 or 0 892 79 ○ White ● Magnesium
1	5 739 51	

Pack	Cat.Nos	Audio internal display units
1	5 740 11 <sup>1</sup>	Equipped with: - microphone - loudspeaker - 2 hang-up push-buttons - 1 door release push-button - 2 auxiliary push-buttons for other functions Volume adjustment for communication and call tone, and with bell cut-off indicator. Allows intercom between several rooms. Supplied complete with special flush-mounting box, cover plate and plate ○ White ● Magnesium
1	5 743 11 <sup>2</sup>	

Pack	Cat.Nos	Power supplies
1	346000	Power supply unit for sound system Input voltage: 230 VA output voltage 27 V= Maximum consumption 1 A 8 DIN modules 17.5 mm Power supply unit for sound system Input voltage: 127 VA output voltage 27 V= Maximum consumption 1 A 8 DIN modules 17.5 mm
1	5 739 90	

Pack	Cat.Nos	Flush-mounting boxes
2	0 893 79	For video display unit Cat.Nos 5 739 50/51 For dry partitions - 2 x 3 modules For concrete walls - 2 x 3 modules
2	0 892 79	

1 : Supplied with White plate  
 2 : Supplied with Mirror Black plate

Pack	Cat.Nos	Optional cameras
1	5 739 86	<b>For outdoor use</b> 2-wire colour camera 
1	5 739 52	<b>For flush-mounting</b> 2-wire colour camera with swiveling lens Automatic adjustment of focus and brightness Built-in microphone Equipped with cover plates, to be equipped with support frames and plates (p. 271 to 278) To be installed in flush-mounting box 2 modules ○ White ● Magnesium
1	5 739 53	

Pack	Cat.Nos	BUS alarm modules
1	5 739 54	8 alarm sensor inputs Signalling of alarm on a video internal unit or a concierge switchboard Equipped with cover plates To be equipped with special plates (p. 59, 60) To be installed in flush-mounting box Cat.Nos 0 893 79 or 0 892 79 ○ White ● Magnesium
1	5 739 55	

Pack	Cat.Nos	Video/audio street panels
1	5 740 40	<b>Street panel</b> Electronic module including: speaker phone module, motorised camera and colour display Possible access via integrated proximity card reader Supplied with programming and configuration software
1	5 740 41	<b>Cover plate</b> Vandalproof steel finish cover plate and support frame With key for assembly
1	5 740 42	<b>Flush mounting box</b> Vandalproof flush-mounting box

# Arteor™

## accessories for BUS/SCS video door entry system



346020



0 408 98



0 634 31



0 634 34



F441M

Pack	Cat.Nos	Accessories for video door entry systems
1	346020	<b>Additional power supply</b> 220-240 V - 50/60 Hz Output 1-2 27 V <sub>±</sub> 600 mA 2 DIN modules 17.5 mm Old item 0 634 42
1	0 408 98	<b>Electric door release with latch</b> For left or right opening. 12 VA or = 6 W - 158 x 26 x 32 mm
1	3 749 00	<b>Door release</b> Door release - 12 V~/880 mA
1	0 634 41	<b>Relay for door release</b> Relay for 12 V <sub>±</sub> release (powered by BUS) for gate or electromagnetic lock electronic control boxes An exit pushbutton can be connected Used to increase the time delay up to 10 minutes (set by a configuration jumper) Permissible output current: 4 A Stabilised current: 250 mA at 30 ohms 4 x 17.5 mm DIN modules
1	0 634 31	<b>Interface for auxiliary control</b> Relay for auxiliary commands Allows the connection of auxiliary functions such as lighting, automatic door opening... 4 DIN modules 17.5 mm To be equipped with configuration jumpers, to be ordered separately
1	0 634 00	<b>Configuration jumpers</b> Composed of 13 jumpers n° 1, 3 jumpers n° 2, 2 jumpers n° 3, 2 jumpers n° 4, 2 jumpers n° 5, 2 jumpers n° 6, 2 jumpers n° 7, 2 jumpers n° 8, 2 jumpers n° 9, 2 jumpers n° 0
1	0 634 33	<b>Door release relay</b> Door release relay NC/NO volt-free contact: max 24 V <sub>±</sub> - 8 A resistive, 4 A inductive 2 DIN modules 17.5 mm
1	0 634 38	<b>Intercommunication module for up to 5 units</b> For communication between the various indoor panels in the house Max. capacity: 5 units 4 DIN modules 17.5 mm
1	0 634 39	<b>Extension interface</b> Increases the operational performance of the system (e.g.: distance between the entrance panel and the indoor panels)

Pack	Cat.Nos	Accessories for video door entry systems
1	0 634 34	<b>2-wire video adaptor</b> Video adaptor Use one adaptor per power supply 2 DIN modules 17.5 mm
1	0 634 32	<b>Video signal distributor</b> Video distributor with 4 outputs for intercom module for up to 5 units
1	5 740 38	<b>Video signal converter</b> Video signal converter from coaxial to 2-wire bus for 12 V <sub>±</sub> CCTV cameras: the CCTV camera is directly supplied via a terminal
1	5 740 39	<b>2-wire/IP interface</b> For extended systems with IP backbone and 2-wire support
1	5 740 43	<b>Virtual switchboard software</b> Virtual switchboard software for managing entryphone and video entryphone calls The software (for Windows operating systems) can be installed on any fixed or mobile PC and is used to receive, manage and transfer calls from inside and outside Offers home video control with cyclical CCTV vision, day and night functions and the ability to display the alarms present in the various apartments - Operating systems supported: Microsoft Windows XP Service Pack 2 and Windows Vista - Software required: NET Framework 2.0 or later
1	F441	<b>Audio/vidEOSignal distribution devices</b> Audio/video node for mixing audio/video sources (max. 4 sources)
1	F441M	6 DIN modules 17.5 mm - old item 5 739 98 Multi-channel matrix with cross-connection, mixing switch functions for distribution of: the stereo sound source signal and audio/video signals 8 inputs (first 4 for the 2-wire audio/video system and others for stereo sound source) 8 outputs 10 DIN modules 17.5 mm - old item 0 035 84
1	336904	<b>BUS cable</b> For sound diffusion and video door entry system 200 m - old item 5 739 99

# Arteor™

## video door entry system kits BUS/SCS



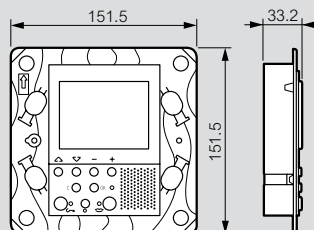
5 740 32 (see composition below)

Pack	Cat.Nos	Video door entry system kits
1	5 740 32	<b>For 1 apartment or villa</b> Comprising: - 1 street panel supplied complete with special flush-mounting box - 1 hands-free video internal unit equipped with colour display and supplied with special flush-mounting box, support frame and Mirror white plate - 1 power supply - 1 video adaptor Possibility to install up to 4 internal video or audio units
1	5 740 33	<b>For 2 apartments</b> Comprising : - 1 street panel supplied complete with special flush mounting box - 2 hands-free video internal units equipped with colour display and supplied with special flush mounting box, support frame and Mirror white plate - 1 power supply - 1 video adaptor Possibility to install up to 2 internal video or audio units

# Arteor™

## door entry system BUS/SCS

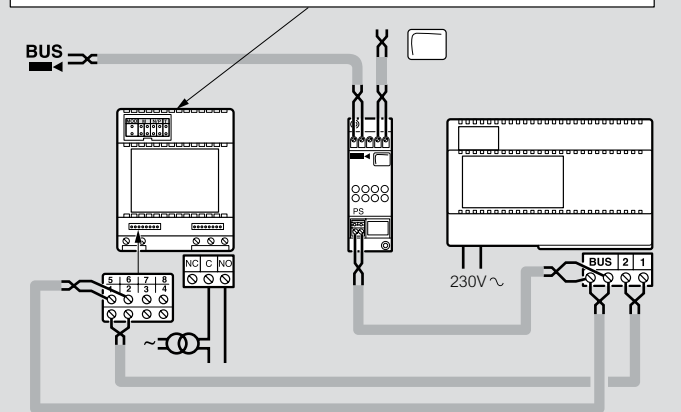
### Dimensions of video internal display units Cat.Nos 5 739 50/51



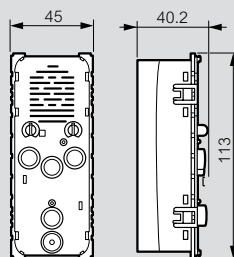
### Installation distances for video door entry systems

	Video internal unit	Power supply	Street panel
> 0.2 mm <sup>2</sup>		50 m	50 m
		50 m (total max. distance)	
PT278 (28 mm <sup>2</sup> )		90 m	115 m
		150 m (total max. distance)	
SYT 6/10-SYT 5/10 (0,5 mm <sup>2</sup> )		60 m	80 m
		140 m (total max. distance)	
SYT 9/10-SYT 8/10 (1 mm <sup>2</sup> )		200 m	200 m
		200 m (total max. distance)	

	T = 0	T = 1	T = 2	T = 3	T = 4	T = 5	T = 6	T = 7	T = 8
	3'	1"	3"	6"	10"	1'	6'	10'	



### Dimensions of audio internal units Cat.Nos 5 740 11 and 5 743 11



### Installation distances for audio door entry systems

	Audio internal unit	Power supply	Street panel	Door release
0.28 mm <sup>2</sup>	140 m	200 m	30 m	
	340 m			
0.50 mm <sup>2</sup>	210 m	290 m	50 m	
	500 m			
1 mm <sup>2</sup>	420 m	580 m	100 m	
	1000 m			



# 3 systems to create your Home Network

Compose your system to your specifications to distribute in the home: phone, data, Internet on RJ45, and TV over coaxial  
This multimedia modular system fits in any DIN cabinet (easy plug)

## DISCOVER THE 3 SYSTEMS

- **Classic** : TV-R-SAT + RJ 45 sockets + modular equipment. Affectionation of each RJ45 socket to different applications
- **Evolutive** : TV-R-SAT + RJ 45 sockets + modular equipment. Automatic distribution and recognition of telephone, Internet, data and IPTV
- **Evolutive +** : RJ 45 sockets + modular equipment. Automatic distribution and recognition of telephone, Internet, data and IPTV



Classic Home Network



Evolutive Home Network



Evolutive + Home Network

## RJ 45 PATCH MODULES, CABLES, CORDS AND MODULAR EQUIPMENT

- Using RJ 45 patch modules ensures good connections along time and reduces maintenance
- Modular equipment for incoming telephone, IP television and internet, ADSL and distribution



RJ 45 patch modules



Cables and cords



Modular equipment

## Classic home network

create your enclosure

RJ 45 SOCKETS		Numbers of modules	Cat.Nos	Qty to order		
	Arteor RJ 45 sockets - UTP	White	2	5 723 14	<input type="text"/>	
		Magnesium	2	5 728 14	<input type="text"/>	
TV-R-SAT SOCKETS						
	Arteor TV-R-SAT socket	White	2	5 721 72	<input type="text"/>	
		Magnesium	2	5 726 72	<input type="text"/>	
PATCH EQUIPMENT						
	RJ 45 Modular DIN patch module - UTP		1	4 130 01	<input type="text"/>	
	Flexible patch cord - 0.2 m	+	-	4 130 47	<input type="text"/>	
	Flexible patch cord - 0.4 m	or	-	4 130 48	<input type="text"/>	
EQUIPMENT FOR INCOMING TELEPHONE, TELEVISION, ADSL, AND DISTRIBUTION						
	Telephone splitter with 2 x 4 outputs		4	4 130 12	<input type="text"/>	
	ADSL master filter, analogue telephone splitter with 3 outputs		2	4 130 15	<input type="text"/>	
	TV coaxial splitter - 6 outputs - HD Ready		4	4 130 13	<input type="text"/>	
	4+1 RJ 45 port switch - Gigabit Ethernet		4	4 130 09	<input type="text"/>	
	4+1 RJ 45 port switch - 10/100 Ethernet Mbit/s	or	4	4 130 10	<input type="text"/>	
	Modular power supply 9 V	+	1.5	4 130 17	<input type="text"/>	
INSTALLATION ADD-ONS						
	Internet provider box holder <b>N</b>		-	4 130 49	<input type="text"/>	
	Patch cord for connecting the multimedia equipment	Length 2 m	-	0 517 63	<input type="text"/>	
		Length 3 m	-	0 517 64	<input type="text"/>	
	Patch cord for connecting a telephone		Length 2 m	-	0 516 94	<input type="text"/>
	Patch cord for connecting a TV		Length 2 m	-	0 910 24	<input type="text"/>
	Cable F/UTP 4 pairs - supplied on reel		Length 305 m	-	0 328 56	<input type="text"/>
	Cable U/UTP 4 pairs - supplied on reel		Length 305 m	-	0 327 54	<input type="text"/>

# Classic home network

## create your enclosure (continued)

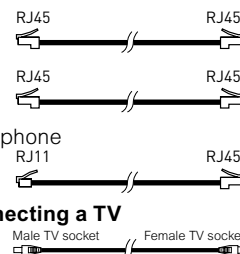


### Installation principles and technical characteristics p. 317

This multimedia modular system fits in any DIN cabinet (easy plug) and in 19" cabinet with the multi-application DIN rail kit (p. 445) System to distribute in the home: phone, data, internet on RJ 45 and TV over coaxial Each RJ 45 can be affected to a different application via patch cords, using the same network, therefore giving maximum flexibility Aesthetics and look of the enclosure designed to give maximum satisfaction. No cable nor patch cords visible. Using RJ 45 patch modules ensures good connections along time and reduces maintenance

Pack	Cat.Nos	Create multimedia network to your specification
4	4 130 01	<b>Patch equipment</b> RJ 45 modular DIN patch module. IP 20 - IK 04 Equipped with RJ 45 UTP connector, Reversible front panel to make it easier to manage outputs facing up or down 2 levels of identification : through a label-holder to indicate the room it is connected to, and through a rotative wheel to show the distributed media Size: 1 DIN module
4	4 130 47	Flexible patch cord - 0.2 m
4	4 130 48	Flexible patch cord - 0.4 m
1	4 130 12	<b>Equipment for incoming telephone and distribution</b> IP 20 - IK 04 Distributes phone up to 8 terminal sockets Can manage 2 lines (1 incoming line - 8 outputs or 2 incoming lines - 4 outputs for each one) Connection: terminal blocks or RJ 45 connector For POTS and ISDN lines Size: 4 DIN modules
1	4 130 15	ADSL filter/Analogue telephone splitter 3 outputs + 1 modem output for the ADSL/Box filter connection Provides simultaneous ADSL telephone and internet access without using filters on the wall sockets Size: 2 DIN modules
1	4 130 13	<b>Equipment for television distribution</b> IP 20 - IK 04 TV coaxial splitter 1 input 6 type "F" outputs - HD Ready 5 - 2400 MHz Supplied with 3 end plugs and 7 "F" plugs Size: 4 DIN modules
1	4 130 09	<b>4+1 RJ 45 ports Ethernet switches</b> IP 20 - IK 04 Ethernet network switch 9 V power supply Size: 4 DIN modules
1	4 130 17	<b>Power supply</b> Modular power supply 9 V Used to power up to 2 active products: switch Cat.Nos 4 130 09/10, TV splitter Cat.Nos 4 130 18/19 Size: 1.5 DIN modules N.B.: to supply 1 Triple Play unit Cat.No 4 130 44, 1 power supply unit needed. For 2 Triple Play units Cat.No 4 130 44, 2 power supply units needed

Pack	Cat.Nos	Cables and patch cords for multimedia networks
1	0 328 56	<b>Cat. 6 cables for local area networks</b> 4 twisted pair cables 100 ohms LSZH sleeve: zero halogen. EIA/TIA colour code F/UTP - 4 pairs Length 305 m Supplied on reel. Weight 25 kg
1	0 327 54	U/UTP - 4 pairs Length 305 m Supplied on reel. Weight 16 kg
1	0 517 63	<b>RJ 45-RJ 45 patch cords for connecting multimedia equipment</b> Conform to standards ISO/IEC 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568 EIA/TIA colour code Length 2 m
1	0 517 64	Length 3 m
10	0 516 94	Cable for connecting a telephone Length 2 m
10	Gencod packaging 0 910 24	<b>Ø9.52 patch cord for connecting a TV</b> Length 2 m
10	5 723 14	<b>RJ 45 and TV-R-SAT sockets</b> Mechanisms supplied with white or magnesium square cover plates. To be equipped with support frames and plates (p. 271 to 278)
10	5 728 14	<b>RJ 45 sockets- Cat. 6 - UTP</b> 2 modules ○ White ● Magnesium
10	5 721 72	<b>TV-R-SAT sockets shielded</b> TV: 5-68/120-862 MHz R: 87.5-108 MHz SAT: 950-2400 MHz Star - 1.5 dB 2 modules ○ White ● Magnesium
10	5 726 72	
1	4 130 49	<b>Installation add-ons</b> <b>Internet provider box holder</b> Used to mount and connect the Operator
1	4 132 05	<b>Patch cord remote box</b> Used when the operator box is not in cabinet Allowing to supply the operator box and return Internet and IPTV signals in the home Network cabinet using only one RJ 45



# Evolutionary home network

create your enclosure

RJ 45 SOCKETS			Numbers of modules	Cat.Nos	Qty to order
	Arteor RJ 45 sockets - UTP	White	2	5 723 14	<input type="text"/>
		Magnesium	2	5 728 14	<input type="text"/>
TV-R-SAT SOCKETS					
	Arteor TV-R-SAT socket	White	2	5 721 72	<input type="text"/>
		Magnesium	2	5 726 72	<input type="text"/>
PATCH EQUIPMENT					
	RJ 45 Modular DIN patch module - UTP		1	4 130 01	<input type="text"/>
	Flexible patch cord - 0.2 m	+	-	4 130 47	<input type="text"/>
	Flexible patch cord - 0.4 m	or	-	4 130 48	<input type="text"/>
EQUIPMENT FOR INCOMING TELEPHONE, TELEVISION, ADSL, AND DISTRIBUTION					
	Automatic <sup>Gigabit</sup> Triple Play unit/8 outputs		8	4 130 44	<input type="text"/>
	Modular power supply 9 V	+	1.5	4 130 17	<input type="text"/>
	ADSL master filter, analogue telephone splitter with 3 outputs		2	4 130 15	<input type="text"/>
	TV coaxial splitter - 6 outputs - HD Ready		4	4 130 13	<input type="text"/>
INSTALLATION ADD-ONS					
	Internet provider box holder <b>N</b>		-	4 130 49	<input type="text"/>
	Patch cord for connecting the multimedia equipment	Length 2 m	-	0 517 63	<input type="text"/>
		Length 3 m	-	0 517 64	<input type="text"/>
	Patch cord for connecting a telephone		Length 2 m	-	0 516 94 <input type="text"/>
	Patch cord for connecting a TV		Length 2 m	-	0 910 24 <input type="text"/>
	Cable F/UTP 4 pairs - supplied on reel		Length 305 m	-	0 328 56 <input type="text"/>
	Cable U/UTP 4 pairs - supplied on reel		Length 305 m	-	0 327 54 <input type="text"/>

# Evolutionary home network

## create your enclosure (continued)



Installation principles and technical characteristics **p. 318**

This multimedia modular system fits in any DIN cabinet (easy plug) and in 19" cabinet with the multi-application DIN rail kit (p. 445) Makes it possible to have the incoming fibre optic point in the home (FTTH Ready) Home Network system allowing an automatic distribution of telephone, internet, data and IPTV. The system has an automatic recognition of the devices connected to the RJ 45 giving maximum flexibility to the end-user RF television distribution (cable TV, aerial or satellite) is done over the coaxial network Aesthetics and look of the enclosure is designed to give maximum satisfaction. No cable nor patch cords visible Using RJ 45 patch modules ensures good connections along time and reduces maintenance


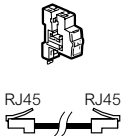
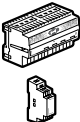


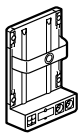
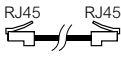
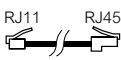
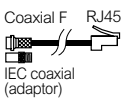

Pack	Cat.Nos	Create multimedia network to your specification
4	4 130 01	<b>Patch equipment</b> RJ 45 modular DIN patch module. IP 20 - IK 04 Equipped with RJ 45 UTP connector, Reversible front panel to make it easier to manage outputs facing up or down 2 levels of indentification : through a label-holder to indicate the room it is connected to, and through a rotative wheel to show the distributed media Size: 1 DIN module
4	4 130 47	Flexible patch cord - 0.2 m
4	4 130 48	Flexible patch cord - 0.4 m
1	4 130 44	<b>Equipment for incoming telephone, IP television and internet, and distribution</b> IP 20 - IK 04 Automatic <sup>Gigabit</sup> Triple Play unit. Used to distribute High-Speed services from the Operator box to 8 RJ 45 sockets - 8 modules, compatible with IP V6 and IP V4 Use only with power supply Cat.No 4 130 17 Size: 8 DIN modules
1	4 130 15	<b>Equipment for incoming telephone and distribution</b> IP 20 - IK 04 ADSL filter/Analogue telephone splitter 3 outputs + 1 modem output for the ADSL/Box filter connection Provides simultaneous ADSL telephone and internet access without using filters on the wall sockets Size: 2 DIN modules
1	4 130 13	<b>Equipment for television distribution</b> IP 20 - IK 04 TV coaxial splitter 1 input 6 type "F" outputs - HD Ready 5 - 2400 MHz Supplied with 3 end plugs and 7 "F" plugs Size: 4 DIN modules
1	4 130 17	<b>Modular power supply</b> Modular power supply 9 V Used to power up to 2 active products: switch Cat.Nos 4 130 09/10, TV splitter Cat.Nos 4 130 18/19 Size: 1.5 DIN modules N.B.: to supply 1 Triple play unit Cat.No 4 130 44, 1 power supply unit needed. For 2 Triple play units Cat.No 4 130 44, 2 power supply units needed

Pack	Cat.Nos	Cables and patch cords for multimedia networks
1	0 328 56	<b>Cat. 6 cables for local area networks</b> 4 twisted pair cables 100 ohms LSZH sleeve: zero halogen EIA/TIA colour code F/UTP - 4 pairs Length 305 m Supplied on reel. Weight 25 kg
1	0 327 54	U/UTP - 4 pairs Length 305 m Supplied on reel. Weight 16 kg
1	0 517 63	<b>RJ 45-RJ 45 patch cords for connecting multimedia equipment</b> Conform to standards ISO/IEC 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568 EIA/TIA colour code Length 2 m
1	0 517 64	Length 3 m
10	0 516 94	Cable for connecting a telephone Length 2 m
10	Gencod packaging 0 910 24	<b>Ø9.52 patch cord for connecting a TV</b> Length 2 m
		<b>RJ 45 and TV-R-SAT sockets</b> Mechanisms supplied with white or magnesium square cover plates To be equipped with support frames and plates (p. 271 to 278)
10	5 723 14	<b>RJ 45 sockets- Cat. 6 - UTP</b> 2 modules ○ White
10	5 728 14	● Magnesium
10	5 721 72	<b>TV-R-SAT sockets shielded</b> TV: 5-68/120-862 MHz R: 87.5-108 MHz SAT: 950-2400 MHz Star - 1.5 dB 2 modules ○ White
10	5 726 72	● Magnesium

Pack	Cat.Nos	Installation add-ons
1	4 130 49	<b>Internet provider box holder</b> Used to mount and connect the Operator
1	4 132 05	<b>Patch cord remote box</b> Used when the operator box is not in cabinet Allowing to supply the operator box and return Internet and IPTV signals in the home Network cabinet using only one RJ 45

# Evolute + home network

create your enclosure

RJ 45 SOCKETS		Numbers of modules	Cat.Nos	Qty to order	
	Arteor RJ 45 sockets - STP	White	2	5 723 17	<input type="text"/>
		Magnesium	2	5 728 17	<input type="text"/>
<b>PATCH EQUIPMENT</b>					
	RJ 45 Modular DIN patch module - STP	1	4 130 03	<input type="text"/>	
	Multimedia patch cord - 0.2 m	-	4 130 45	<input type="text"/>	
	Multimedia patch cord - 0.4 m	-	4 130 46	<input type="text"/>	
<b>EQUIPMENT FOR INCOMING TELEPHONE, TELEVISION, ADSL, AND DISTRIBUTION</b>					
	Automatic <sup>Gigabit</sup> Triple Play unit/8 outputs	8	4 130 44	<input type="text"/>	
	Modular power supply 9 V	1.5	4 130 17	<input type="text"/>	
	ADSL master filter, analogue telephone splitter with 3 outputs	2	4 130 15	<input type="text"/>	
	TV RJ 45 amplifier splitter - 4 outputs (Terrestrial TV - SAT TV)	4	4 130 18	<input type="text"/>	
	TV RJ 45 amplifier splitter - 4 outputs (Terrestrial TV - Cable TV)	4	4 130 19	<input type="text"/>	
<b>INSTALLATION ADD-ONS</b>					
	Internet provider box holder <b>N</b>	-	4 130 49	<input type="text"/>	
	Patch cord for connecting the multimedia equipment	Length 2 m	-	0 517 63	<input type="text"/>
		Length 3 m	-	0 517 64	<input type="text"/>
	Patch cord for connecting a telephone	Length 2 m	-	0 516 94	<input type="text"/>
	RJ 45 IEC + F patch cord for connecting a TV or digital receiver	Length 2 m	-	4 130 40	<input type="text"/>
	Multimedia (FFTP) twisted pair cable	Length 100 m	-	0 327 89	<input type="text"/>

# Evolute + home network

## create your enclosure (continued)

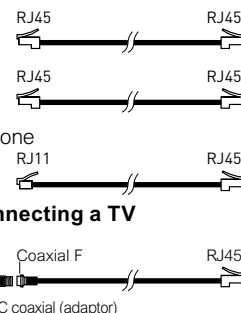


Installation principles and technical characteristics **p. 318**

This multimedia modular system fits in any DIN cabinet (easy plug) and in 19" cabinet with the multi-application DIN rail kit (p. 445) Makes it possible to have the incoming fibre optic point in the home (FTTH Ready) Home Network system allowing an automatic distribution of telephone, internet, data and IPTV. The system has an automatic recognition of the devices connected to the RJ 45 giving maximum flexibility to the end-user RF television distribution (cable TV, aerial or satellite) is added to the RJ 45 socket network by using the TV over RJ 45 splitters Aesthetics and look of the enclosure is designed to give maximum satisfaction. No cable nor patch cords visible Using RJ 45 patch modules ensures good connections along time and reduces maintenance

Pack	Cat.Nos	Create multimedia network to your specification
4	4 130 03	<b>Patch equipment</b> RJ 45 Modular DIN patch module. IP 20 - IK 04 Equipped with RJ 45 STP connector, Reversible front panel to make it easier to manage outputs facing up or down 2 levels of indentification : through a label-holder to indicate the room it is connected to, and through a rotative wheel to show the distributed media Size: 1 DIN module
4	4 130 45	Multimedia patch cord - 0.2 m
4	4 130 46	Multimedia patch cord - 0.4 m
1	4 130 44	<b>Equipment for incoming telephone, ADSL television and internet, and distribution</b> IP 20 - IK 04 Automatic <sup>Gigabit</sup> Triple Play unit. Used to distribute ADSL services from the Operator box to 8 RJ 45 sockets - 8 modules, compatible with IP V6 and IP V4 Use only with power supply Cat.No 4 130 17 Size: 8 DIN modules
1	4 130 15	<b>Equipment for incoming telephone and distribution</b> IP 20 - IK 04 ADSL filter/Analogue telephone splitter 3 outputs + 1 modem output for the ADSL/Box filter connection Provides simultaneous ADSL telephone and internet access without using filters on the wall sockets Size: 2 DIN modules
1	4 130 18	<b>Equipment for television distribution using RJ 45</b> IP 20 - IK 04 TV RJ 45 amplifier - splitter (terrestrial TV - SAT TV) Transmission distance: - 5 to 40 m for terrestrial-DTT - 5 to 30 m for satellite 4 RJ 45 outputs Supplied with adjustment kit 9 V power supply Size: 4 DIN modules
1	4 130 19	TV RJ 45 amplifier - splitter (terrestrial TV - Cable TV) with return channel Transmission distance: 5 to 30 metres 4 RJ 45 outputs 9 V power supply Size: 4 DIN modules
1	4 130 17	<b>Modular power supply</b> Modular power supply 9 V Used to power up to 2 active products: switch Cat.Nos 4 130 09/10, TV splitter Cat.Nos 4 130 18/19 Size: 1.5 DIN modules N.B.: to supply 1 Triple Play unit Cat.No 4 130 44, 1 power supply unit needed. For 2 Triple Play units Cat.No 4 130 44, 2 power supply units needed

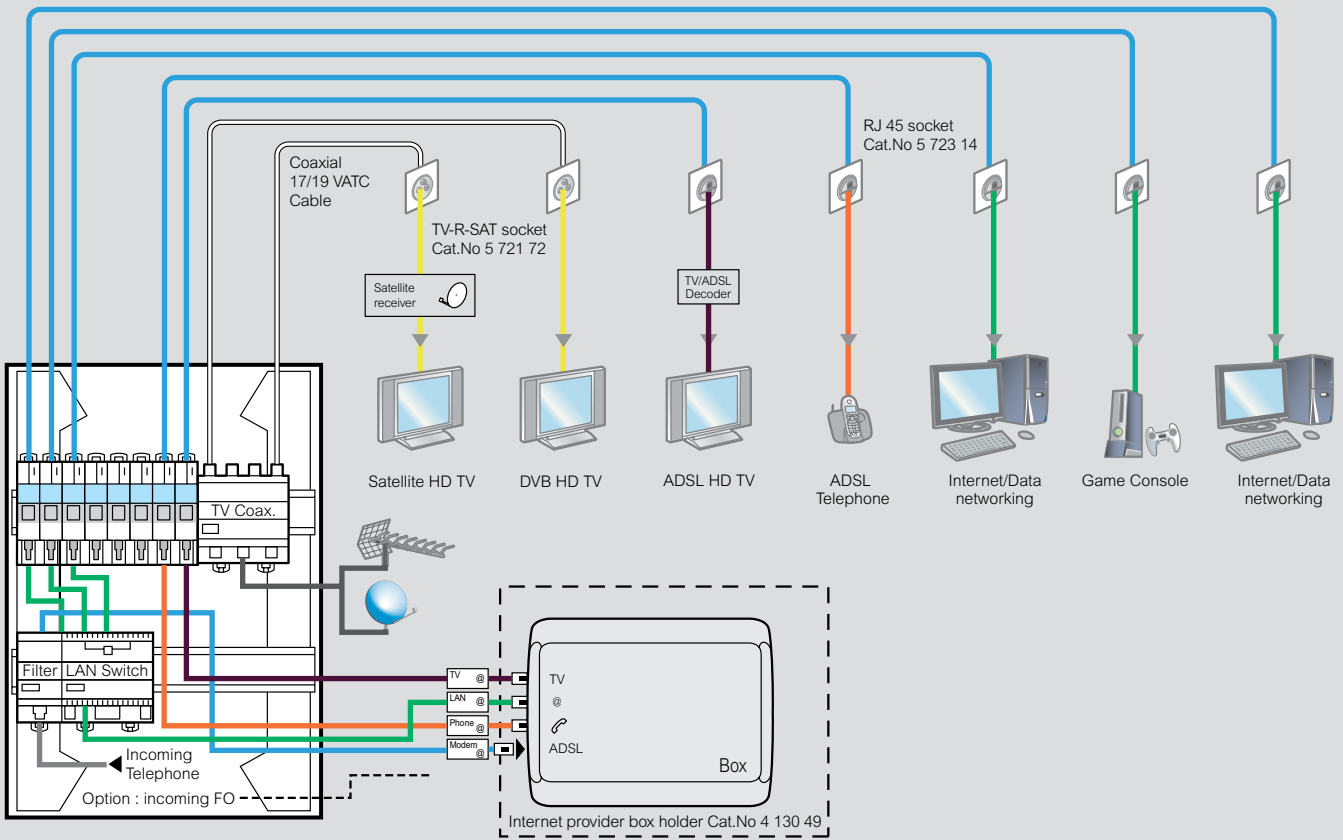
Pack	Cat.Nos	Cables and patch cords for multimedia networks
1	0 327 89	<b>Multimedia (FFTP) twisted pair cable</b> LSZH sleeve: zero halogen. F/FTP - 100 Ω Optimised performance for transmission of satellite signals (2150 MHz) Length 100 m Supplied on reel. Weight 6 kg
1	0 517 63	<b>RJ 45-RJ 45 patch cords for connecting multimedia equipment</b> Conform to standards ISO/IEC 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568 EIA/TIA colour code Length 2 m
1	0 517 64	Length 3 m
10	0 516 94	Cable for connecting a telephone Length 2 m
1	4 130 40	<b>Coaxial patch cord for connecting a TV</b> RJ 45-IEC-F TV cable Length 2 m Supplied with accessory for adaptation to IEC Ø9.52 mm
10	5 723 17	<b>RJ 45 sockets</b> Mechanisms supplied with white or magnesium square cover plates To be equipped with support frames and plates (p. 271 to 278)
10	5 728 17	<b>RJ 45 sockets- Cat. 6 - STP</b> 2 modules
1	4 130 49	<b>Installation add-ons</b> <b>Internet provider box holder</b> Used to mount and connect the Operator
1	4 132 05	<b>Patch cord remote box</b> Used when the operator box is not in cabinet Allowing to supply the operator box and return Internet and IPTV signals in the home Network cabinet using only one RJ 45



## Classic home network

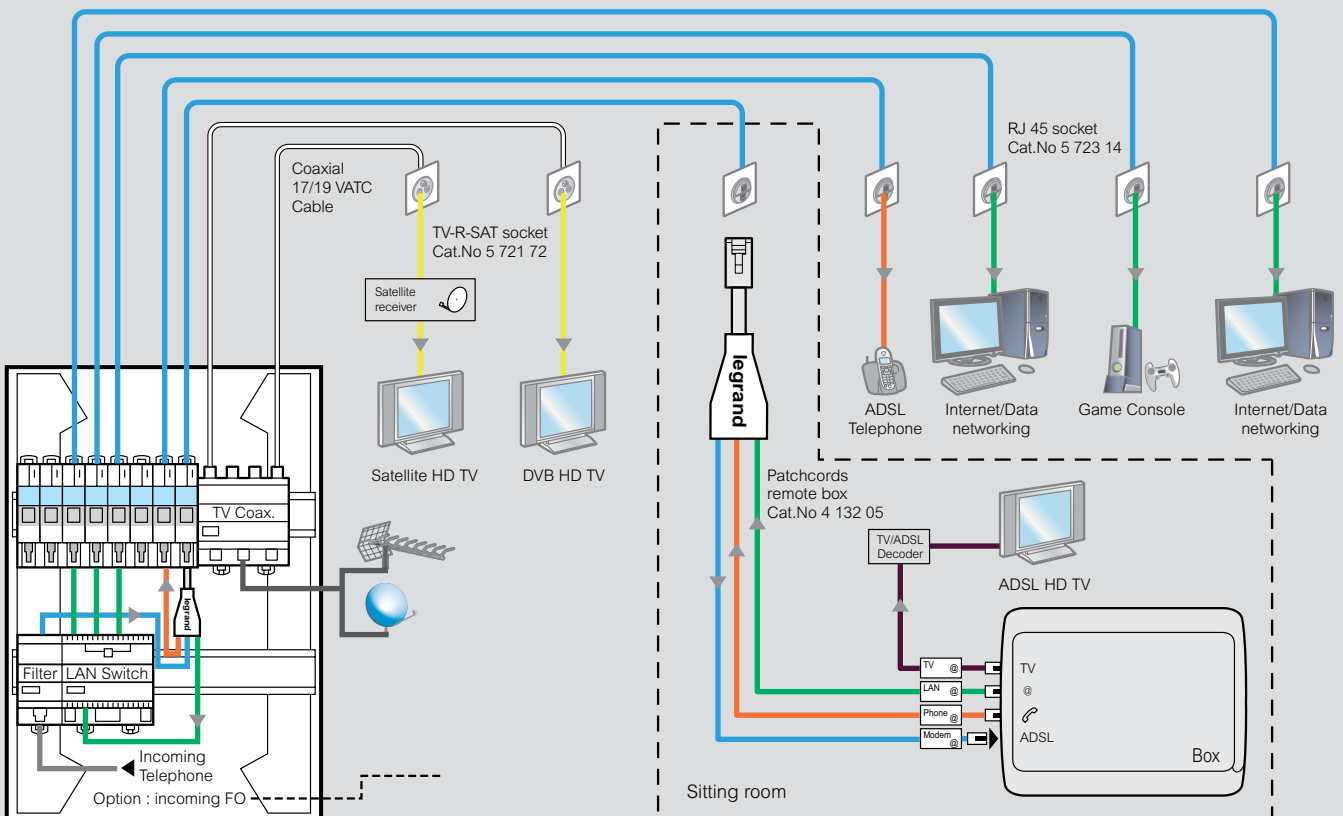
### Classic home network - operator box in cabinet

Cable U/UTP Cat.No 0 327 54 or F/UTP Cat.No 0 328 56



### Classic home network - operator box not in cabinet

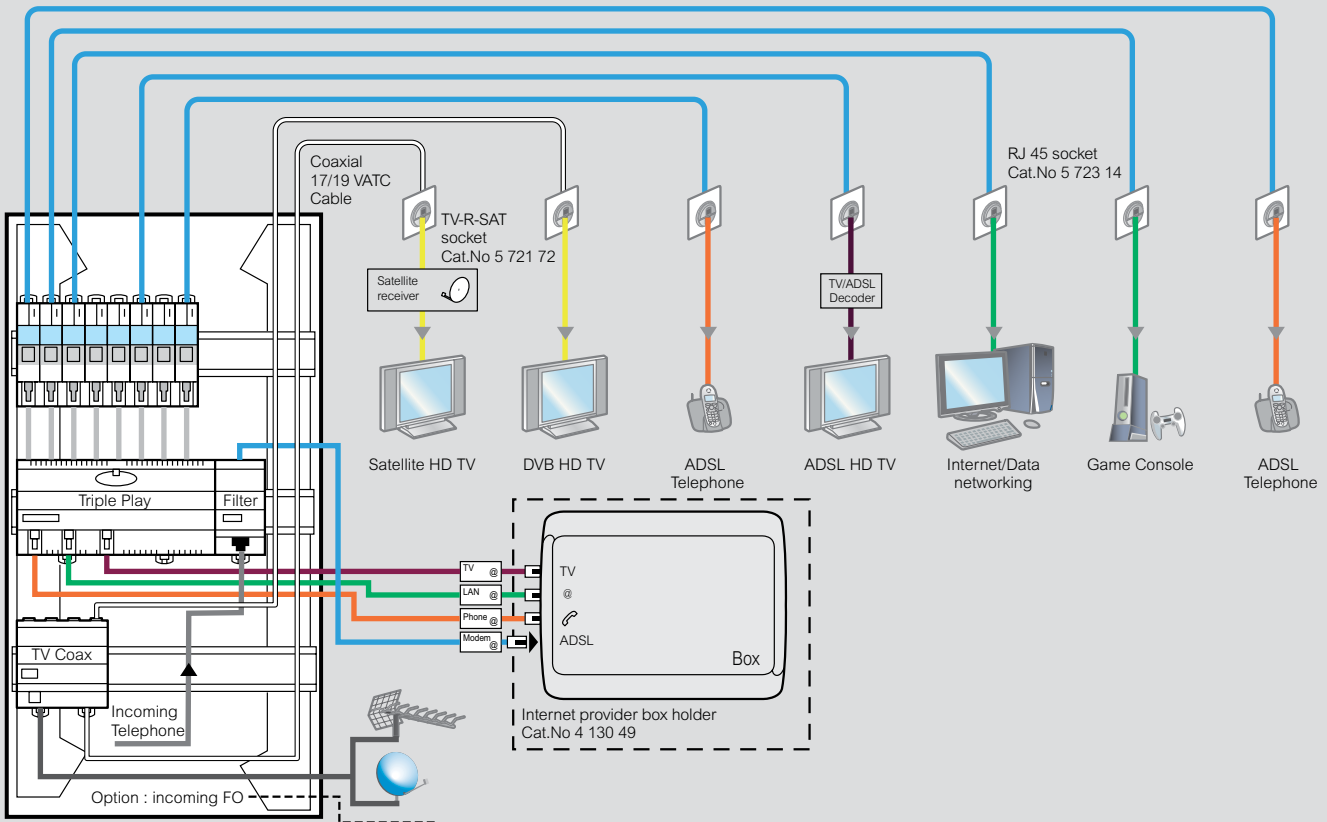
Cable U/UTP Cat.No 0 327 54 or F/UTP Cat.No 0 328 56



# Evolute and Evolute + home network

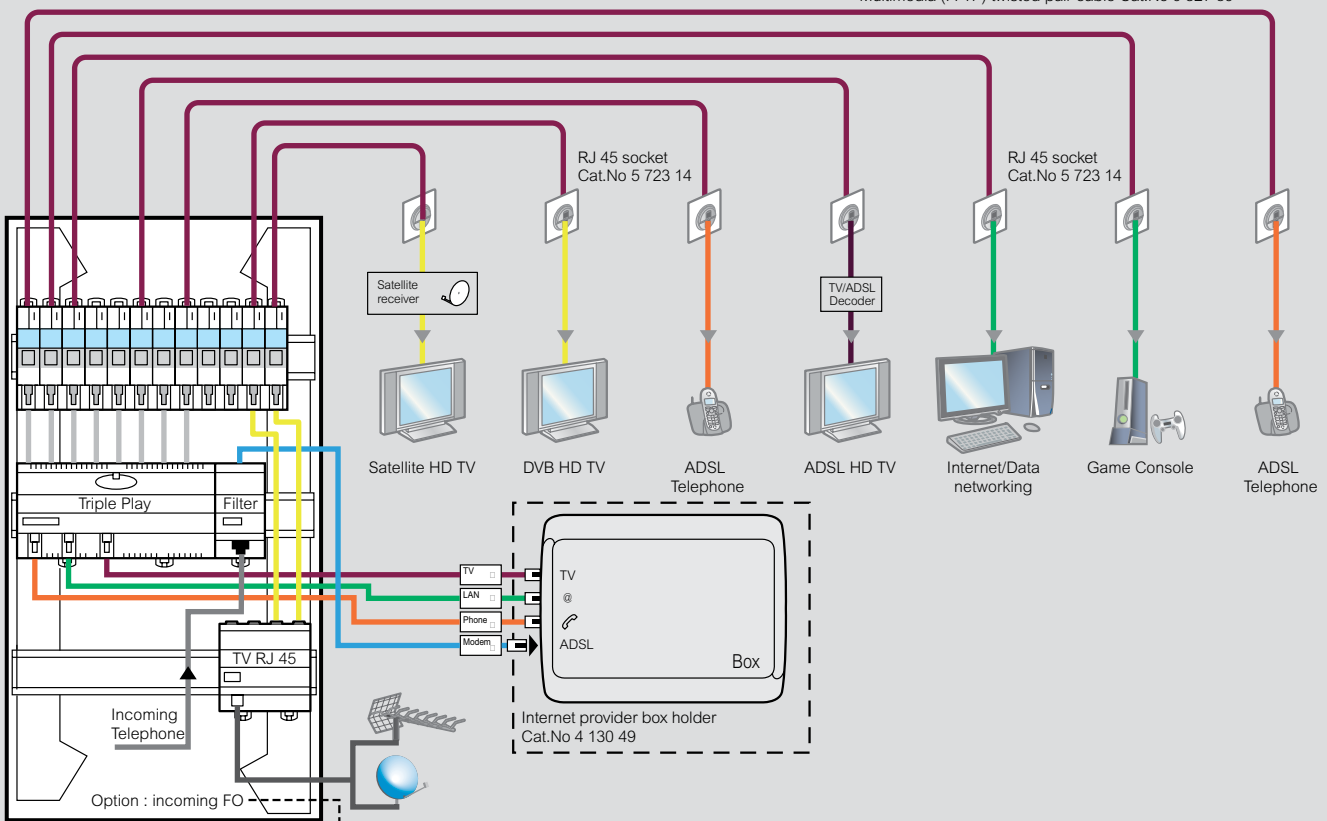
## Evolute home network - operator box in cabinet

Cable U/UTP Cat.No 0 327 54 or F/UTP Cat.No 0 328 56



## Evolute + home network - operator box not in cabinet

Multimedia (FFTP) twisted pair cable Cat.No 0 327 89



## FttH - Fibre to the Home

preterminated solution



## FttH - Fibre to the Home

prewired solution - requires fusion splicing



4 130 67

Recommended for high-rise buildings (up to 60 apartments for 4 OF or 120 apartments for 2 OF)

Does not require a device for splicing the fibre at the FD

Pack	Cat.Nos	Building entry point (BEP)
1	4 130 61	The BEP is located in the dedicated equipment room located at the base of the building It makes the client fibres available to the future operator and makes their patch connection easy If required, can have more feedthroughs Technical characteristics: - Dim. (mm): 440 (L) x 175 (H) x 102 (D) - 2 cable entries (max. Ø: 15 mm) - Contains 48 feedthroughs for SC/APC connectors BEP for 12 x 4 OF subscribers or 24 x 2 OF subscribers BEP with 48 SC/APC feedthroughs for preterminated solution
1	4 130 75	<b>Excess length management box for OTO optical fibre cable</b> Coiling box for storing excess lengths of preterminated OTO fibres
1	4 130 67	<b>Optical telecommunications outlet (OTO) - prewired and preterminated</b> The OTO is the termination point of the FTTH installation in the home. It is fixed in the home network cabinet and enables connection to the operator box. The prewired and preterminated version enables direct connection to the BEP via the connectors for tool-free mounting on-site The pulling cord makes it easy to use in the riser and in conduits (Ø20 mm recommended) Technical characteristics: - For fixing on DIN rail or wall - Preterminated at both ends - G657A2 900 µm - Cable diameter: 4.2 mm - Pulling cord diameter: 11 mm
1	4 130 69	<b>Prewired and preterminated OTO - 2 OF</b> OTO with 2 SC/APC feedthroughs + 25 m of cable preterminated at both ends
1	4 130 68	<b>Prewired and preterminated OTO - 4 OF</b> OTO with 4 SC/APC feedthroughs + 25 m of cable preterminated at both ends
1	4 130 70	OTO with 2 SC/APC feedthroughs + 40 m of cable preterminated at both ends
10	4 130 71	<b>Spare connectors</b> Bag of 10 SC/APC connector covers for preterminated OTO



4 130 62



4 130 63

Recommended for high-rise buildings (up to 60 apartments for 4 OF or 120 apartments for 2 OF)

Requires a device for splicing the fibre at the FD

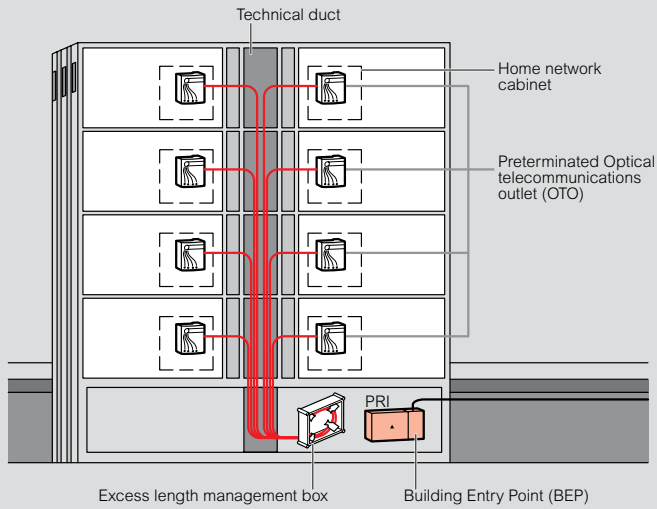
Pack	Cat.Nos	Building entry point (BEP)
1	4 130 60	The BEP is located in the dedicated equipment room located at the base of the building It makes the client fibres available to the future operator and makes their patch connection easy If required, can have more feedthroughs Technical characteristics: - Dimensions (mm): 440 (L) x 175 (H) x 102 (D) - 2 cable entries (max. diameter: 15 mm) - Contains 48 feedthroughs for SC/APC connectors BEP for 12 x 4 OF subscribers or 24 x 2 OF subscribers BEP with 48 SC/APC feedthroughs for prewired solution
1	4 130 72	<b>Prewired riser</b> For routing fibres inside the riser. The cable is preterminated at 1 end for easy connection to the BEP The opening in the cable is made using the tool provided for this purpose (Cat.No 4 130 74) Technical characteristics: - G657, LZOH fibres - 900 µm modules containing 4 fibres
1	4 130 73	<b>Riser</b> Riser 48 OF - 50 m
1	4 130 74	Riser 96 OF - 50 m
1	4 130 74	<b>Tool</b> Riser opening tool
1	4 130 62	<b>Floor distributor (FD)</b> Interface unit between the riser and the client cable from the OTO, enabling fusion splicing using a special tool The FD is installed in the telecommunications riser Technical characteristics: - Dimensions (mm): 138 (L) x 204 (H) x 55 (D) - Contains 4 cassettes for 32 fusion splices max. FD for 8 x 4 OF subscribers or 16 x 2 OF subscribers FD with 4 cassettes
1	4 130 63	<b>Optical telecommunications outlet (OTO) - prewired</b> The OTO is the termination point of the FTTH installation in the home It is fixed in the home network cabinet and enables connection to the operator box Links the OTO and the FD Technical characteristics: - For fixing on DIN rail or wall - Preterminated at one end - Available in versions with 2 or 4 G657A2 900 µm - Cable diameter: 4.2 mm
1	4 130 65	<b>Prewired OTO - 2 OF</b> OTO with 2 SC/APC feedthroughs + 25 m of cable OTO with 2 SC/APC feedthroughs + 40 m of cable
1	4 130 64	<b>Prewired OTO - 4 OF</b> OTO with 4 SC/APC feedthroughs + 25 m of cable OTO with 4 SC/APC feedthroughs + 40 m of cable

## FttH - Fibre to the Home

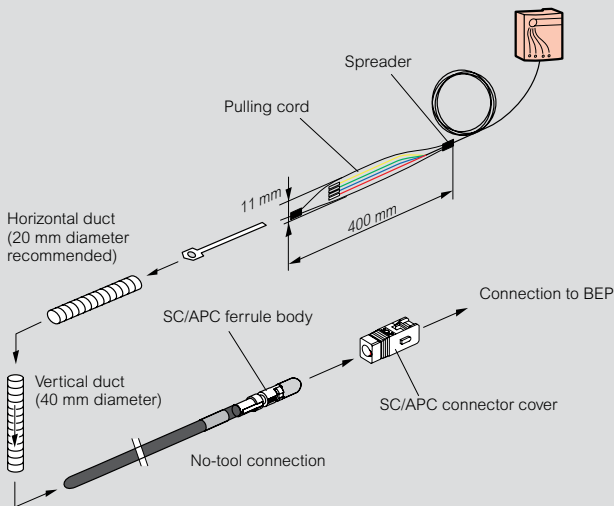
### preterminated and prewired solution

## FttH - other components

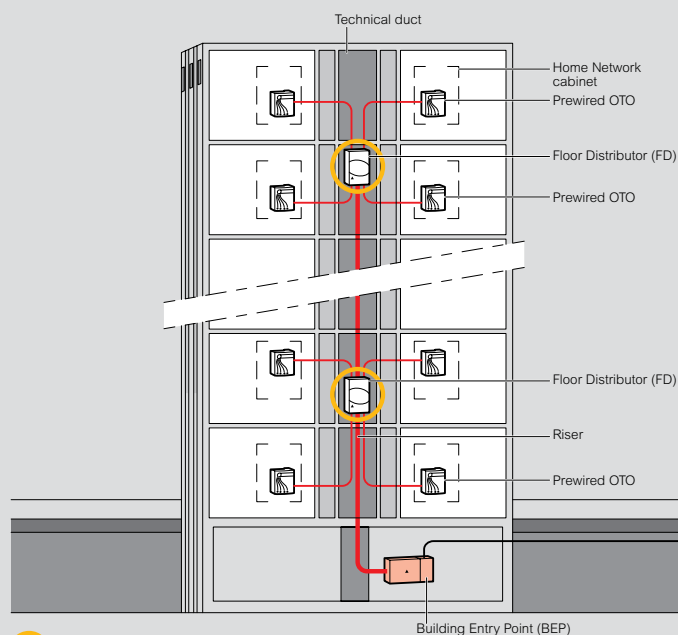
### Preterminated solution



### Diagram of the steps in setting up the prewired and preterminated OTO



### Prewired solution



Fusion splicing required



4 130 50



4 130 51

Pack	Cat.Nos	Internal optical termination device/Optical telecommunications outlet
1	4 130 50	Unit for 1 optical fibre + SC/APC connector
1	4 130 51	Unit for 4 optical fibres + SC/APC connector
		Pigtail and patch cord
4	0 326 19	SC/APC pigtail, length 1 m
3	0 326 18	SC/APC simplex cord, length 2 m

Prewired preterminated OTO with 1, 2 or 4 fibres  
Prewired vertical riser cable  
**For made-to-measure solutions, please contact your local Legrand sales office**