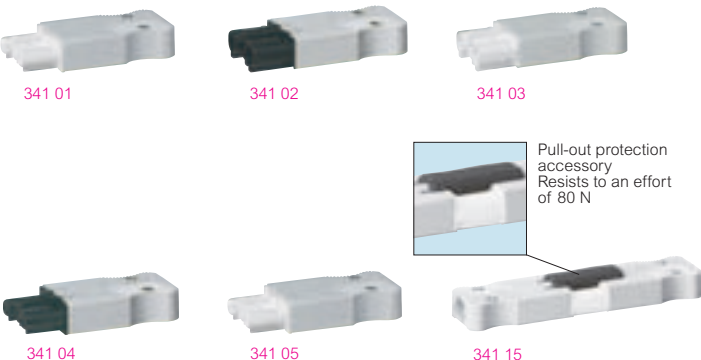


NEW

fast connection installation system

connectors 16 A – 250 V – 50 Hz and accessories



Technical characteristics and standards conformity (p. 756, 757)

For connecting any product having a fast connection connector
 For connection on cable with cross-section 1.5 or 2.5 mm²
 Rigid cable is to be used for connecting cable with cross-section 2.5 mm²
 on connector with automatic terminals
 Comprising:
 • cover, grey RAL 7035 for protection (against pull-out) and facilitating handling and marking
 • coloured endpiece suited to the circuit (see p. 756)
 Conform to NF C 60-050

Pack	Cat.Nos	3-pole, automatic terminals
10	341 00	Terminal strips L, N, E
10	341 01	Female endpiece, black
10	341 02	Female endpiece, white
10	341 03	Male endpiece, black
10	341 03	Male endpiece, white

Pack	Cat.Nos	3-pole, screw terminals
10	341 04	Terminal strips L, N, E
10	341 04	Female endpiece, black
10	341 05	Female endpiece, white

Pack	Cat.Nos	4-pole, screw terminals
10	341 06	Terminal strips L1, L2, N, E
		Female endpiece, black

Pack	Cat.Nos	5-pole, screw terminals
10	341 08	Terminal strips L1, L2, L3, N, E
10	341 08	Female endpiece, black
10	341 09	Female endpiece, white

Pack	Cat.Nos	Accessories
10	341 15	Pull-out protection accessory Ensures perfect fixing between connectors and/or cords Resists to an effort of 80 N (NF C 60-050)
10	341 16	Blanking plate for male endpiece
10	341 17	Blanking plate for female endpiece
10	395 98	Black felt pen Permanent for marking

Connectors for lighting circuit (p. 754)

Connectors for flush-mounting in luminaires (p. 754)

fast connection installation system

CORDS



341 33

Technical characteristics and standards conformity (p. 756, 757)

For connecting any product having a fast connection connector
 Fitted with at least 1 fast connection connector with black endpiece
 Fitted with label for marking
 Conform to NF C 60-050

Pack	Cat.Nos	Cords 1.5 mm² - HO5VVF
10	341 30	With 2 male/female connectors - 3-pole Length 2 m
20	341 31	Length 4 m
10	341 32	Length 6 m
10	341 33	Length 8 m
10	341 50	With 2 male/female connectors - 4-pole Length 6 m
10	341 51	Length 8 m
10	341 60	With 2 male/female connectors - 5-pole Length 6 m
5	341 61	Length 8 m
10	341 40	With 1 male connector - 3-pole 1 male endpiece - 1 unconnected end Length 0.5 m
10	341 41	Length 2 m
20	341 42	Length 4 m
10	341 43	Length 6 m
10	341 44	Length 8 m
10	341 55	With 1 male connector - 4-pole 1 male endpiece - 1 unconnected end Length 6 m
10	341 56	Length 8 m

Pack	Cat.Nos	Cords 2.5 mm² - HO5VVF
10	341 70	With 2 male/female connectors - 3-pole Length 4 m
10	341 71	Length 6 m
5	341 72	Length 8 m
5	341 80	With 2 male/female connectors - 5-pole Length 6 m
5	341 81	Length 8 m
10	341 75	With 1 male connector - 3-pole 1 male endpiece - 1 unconnected end Length 4 m
10	341 76	Length 6 m
5	341 77	Length 8 m

Pack	Cat.Nos	Cords 2.5 mm² - HO7RNF
10	341 90	With 2 male/female connectors - 3-pole Length 6 m
5	341 91	Length 8 m
10	341 95	With 1 male connector - 3-pole 1 male endpiece - 1 unconnected end Length 6 m
5	341 96	Length 8 m

fast connection installation system

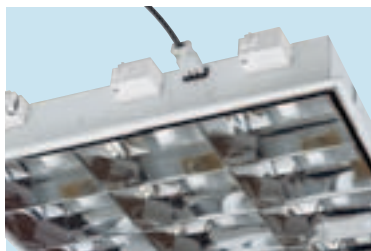
equipment for luminaire control circuits



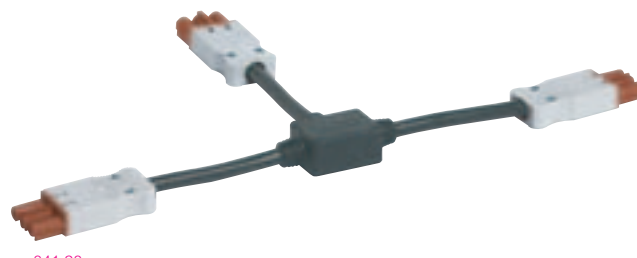
341 10



341 11



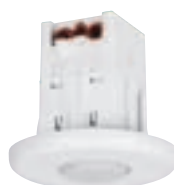
340 91
with connected
cord



341 28



922 43



493 40



882 28



Technical characteristics, standards conformity and installation methods (p. 756, 757)

Specific equipment for luminaires control circuits

For fast implementation and perfect upgradability of the installation by facilitating the assignment of luminaires control points

Conform to NF C 60-050

Pack	Cat.Nos	Connectors
		For connecting any product having a fast connection connector For connection on cable with cross-section 1.5 or 2.5 mm ²
		With brown endpieces for lighting circuit With cover, grey RAL 7035 (pull-out protection and ease of handling) 3-pole, screw terminals, terminal strips 1, 2, 3
10	341 10	Male
10	341 11	Female
		Snap-in connectors Equipping the luminaire. 3-pole; auto terminals; phase, neutral, earth terminal strips
10	340 91	Female endpiece, black
10	340 92	Female endpiece, white
10	340 93	Male endpiece, black
10	340 94	Male endpiece, white
		Control repeater For connecting 2 two-way switches onto one switch output
5	341 28	

Pack	Cat.Nos	Lighting units
		For controlling luminaire circuits using a single power supply Fitted with black female 3-pole connectors for luminaire outputs, brown female 3-pole connectors for control outputs and safety pins ensuring connection pull-out protection
		Single cut-off unit For controlling 2 luminaire circuits with 2 two-way switches per circuit
1	922 40	
		Trip switch circuit unit For controlling 1 luminaire circuit using 3 pushbuttons (with panel trip switch)
1	922 41	
		Control extension unit For adding 6 pushbuttons or detectors in association with unit Cat.No. 922 41 or 922 44
1	922 42	
		Installation upgrade unit, single cut-off For individual or grouped control of 3 luminaire circuits with 3 switches Operates with two-way switches by means of distributor cat. no. 341 28
1	922 43	
		Installation upgrade unit, detector For controlling 1 luminaire circuits 3 outputs with 2 detectors (active or passive)
1	922 44	

Pack	Cat.Nos	Cords 1.5 mm ² - HO5VVF
		With brown endpiece connectors, no earth wire (green/yellow)
		With 2 male/female connectors - 3-pole Length 6 m
10	341 98	
10	341 99	Length 8 m
		With 1 male connector - 3-pole 1 male endpiece - 1 unconnected end No neutral wire (blue)
10	341 48	Length 6 m
10	341 49	Length 8 m

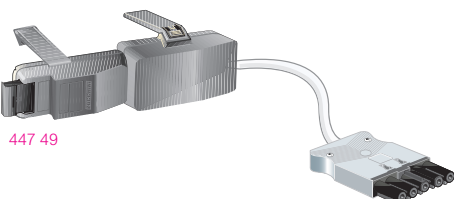
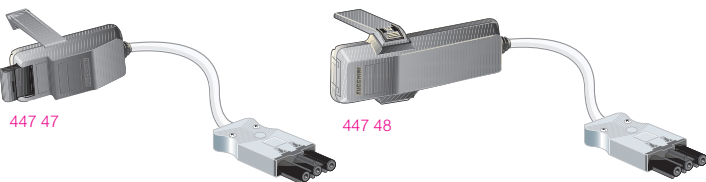
Pack	Cat.Nos	Lighting automation
		Movement detector Associated with junction box cat. no. 922 44, for: - automatic control by presence detection - control from remote controls (see below) - automatic switching off after non-presence detection with time delay (energy saving, RT 2005) Equipped with brown 3-pole male input For installation in false ceiling using spring system
1	493 40	
		Mosaic wireless remote controls With coded infrared signals Range: 6-m radius semicircle Supplied complete with wall bracket and 2 alkaline batteries 1.5 V - LR03
1	White 784 82	1 way
1	784 84	3 ways
		Mobile remote controls With coded infrared signals
1	Grey 882 28	3 ways - range: 10 m Supplied with wall brackets Takes alkaline battery 9 V - 6F22 (not supplied)
1	882 29	2 x 6-way - range: 10 m Takes alkaline battery 9 V - 6F22 (not supplied)
1	882 00	Scenario control. Supplied with battery LR03

Red catalogue numbers: New products

NEW

fast-connection installation system

CORDS FOR LINKING WITH 25 AND 40 A LIGHTING BUSBARS



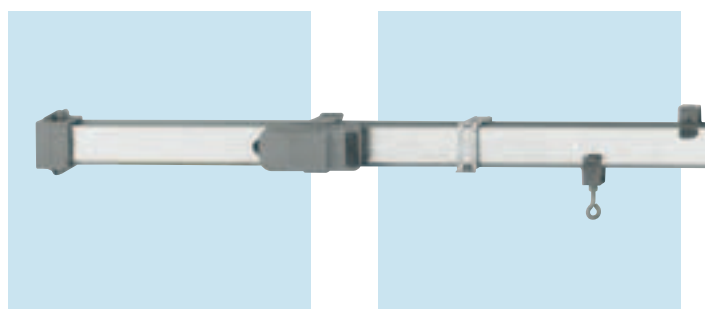
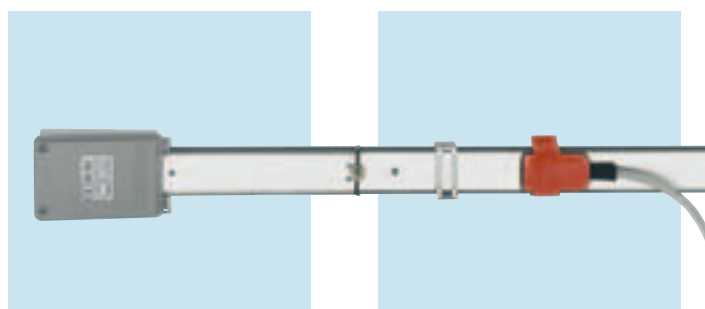
Technical characteristics (p. 756-757)

Pack	Cat.Nos	Cords for linking with 25 and 40 A lighting busbars
		Fast-connection prewired female connectors with cords Connect on one side to the busbar and on the other to fast-connection tap-off units (p. 752) or to any luminaire fitted with a fast-connection connector (p. 754)
		Single phase 10 A
10	447 42	Cable HO5 VV-F, 3 x 1,5 mm ² , length 1 m L1-N, for 4 and 6 conductor busbars
10	447 41	L2-N, for 4 and 6 conductor busbars
10	447 40	L3-N, for 2, 4 and 6 conductor busbars
10	447 43	L2-N2, for 4 and 6 conductor busbars
		Single phase 16 A
		Cable HO5 VV-F, 3 x 2,5 mm ² , length 1 m Connects directly to 6 conductor busbars on the 2 conductor side
10	447 45	Without fuse
		Single phase with phase selection 16 A
		Cable HO5 VV-F, 3 x 2,5 mm ² , length 1 m Connect directly to 4 and 6 conductor busbars Phase selection by mobile contact
10	447 47	Without fuse
10	447 48	With fuse holder 8.5 x 31.5
		Three-phase 16 A
		Connect directly to 4 and 6 conductor busbars Cable HO5 W-F, 5 x 2.5 mm ² , length 1 m
2	447 49	With fuse holder 8.5 x 31.5

ZUCCHINI LB LIGHTING BUSBARS

Flexible, adaptable and compact ●●●

Quick installation, flexible operation and intrinsic safety for people and environment



- > 25 and 40 A
- > 2, 4, 6 conductors
- > fast-connection prewired connectors

● ● ● p. 758
p. 759

fast-connection installation system

Conformity to standards

Connectors	
Distribution blocks	
Cords	Conforming to draft standards IEC 61 535 (23/337/FDIS) and NF C 60-050
Junction boxes 1 input 3 outputs	
Junction boxes 1 input 7 specific luminaire controls	Conforming to standard IEC 60 670-22 with components conforming to draft standards IEC 61 535 (23/337/FDIS) and NF C 60-050

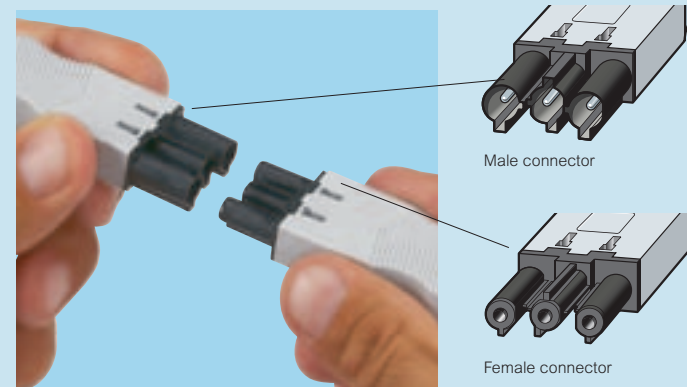
Technical characteristics

	Operating temperatures	IP	IK
Connectors except flush-mounting connector	- 5 °C + 40 °C	IP 20 in accordance with NF EN 60529 IP 4x when the connections are all made with the anti-pullout accessory Cat.No. 341 15	IK 06 in accordance to NF EN 62262
Distribution blocks		IP 20 in accordance with NF EN 60529 IP 4x when the connections are all made	
Cords		IP 20 in accordance with NF EN 60529 IP 4x when connections are with NF EN 62262 all made with the anti-pullout accessory Cat. No. 341 15	
Junction boxes		IP 20 in accordance with NF EN 60529 IP 4x when the connections are all made	

Across the whole range: resistance to incandescent wire 650°C in accordance with NF EN 60695-2-11

- Fixing of boxes (see diagram opposite)
- Fixing with vertical adjustment (for boxes with 1 input and 3 inputs only)
 - Fixing using screws and wall plugs (screw max. Ø: 6 mm)
 - Fixing by screw lugs or knock-in wall plugs (for example Cat.No. 319 57, see p. 366)
 - Fixing with SPIT nail gun (use SPIT 20 to 25 mm nails)
 - Fixing using Colson clamp (see p. 366)

Identification of products

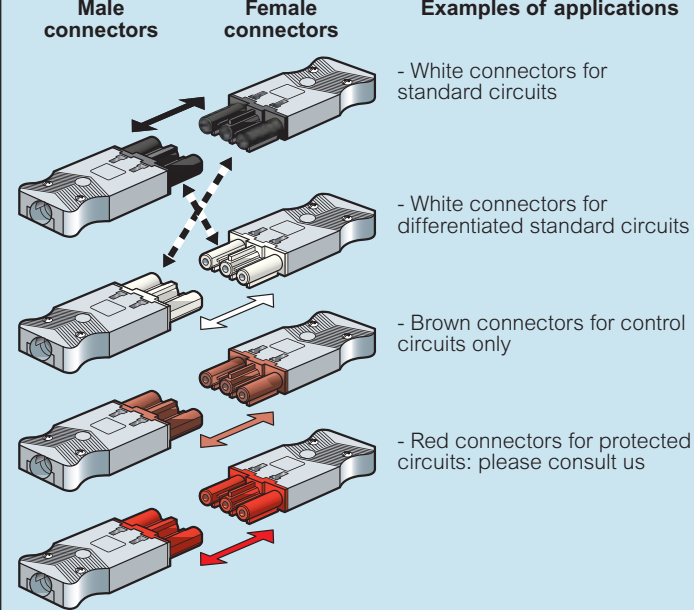


Identification of circuits

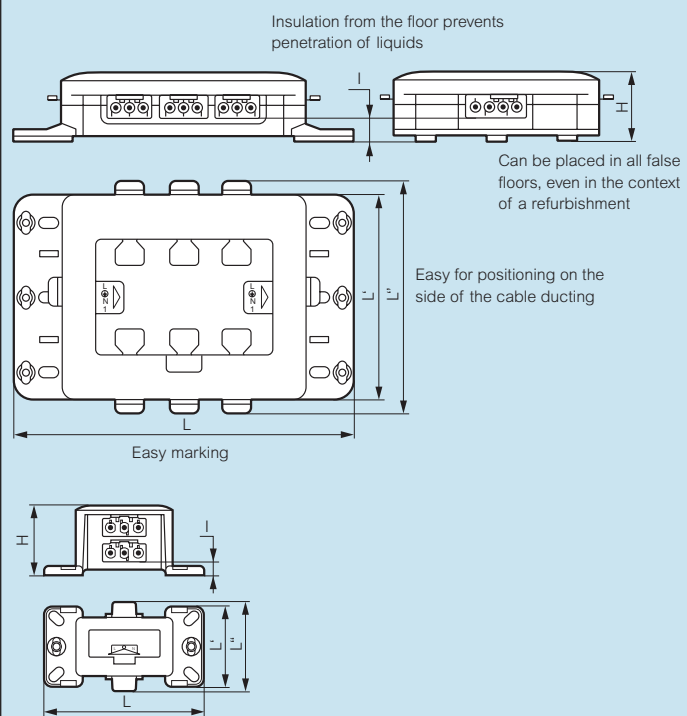
The use of several different colours on one site enables first level identification by:

- Creating areas differentiated by colour
- For example: white for the corridor, black for offices
- Alternating the colours
- For example: 1 black circuit/1 white circuit/1 black circuit
- Differentiating the circuits
- For example: black for standard sockets, white or red for protected sockets

Compatibility of connectors

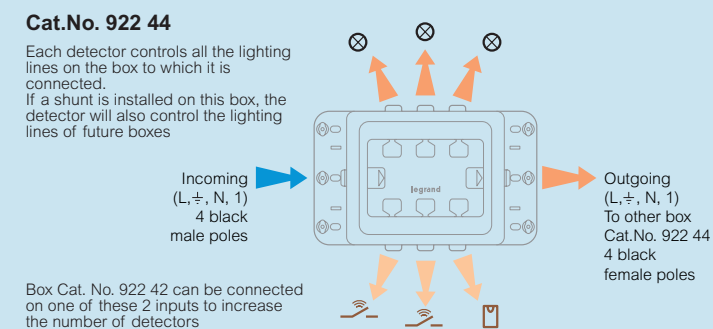
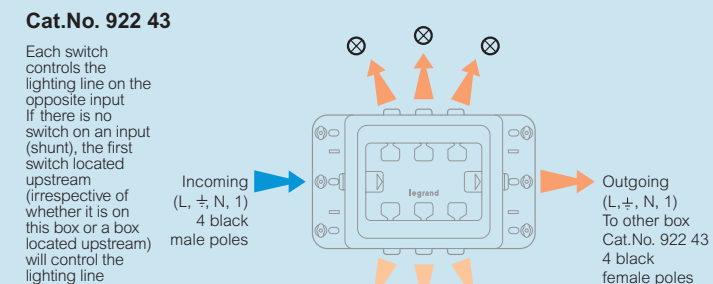
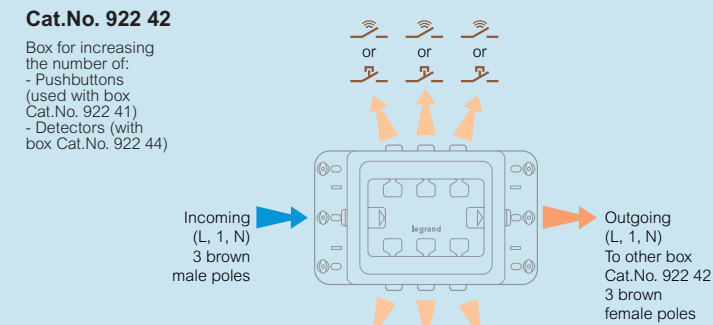
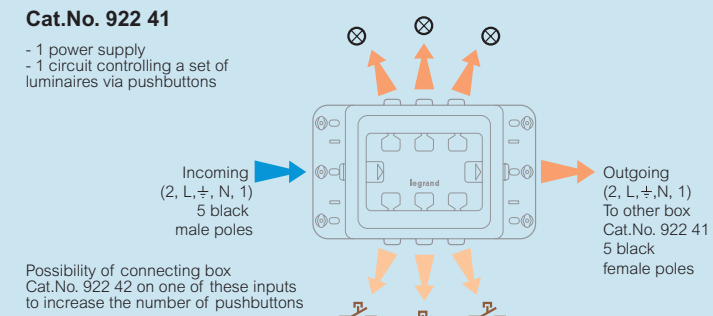
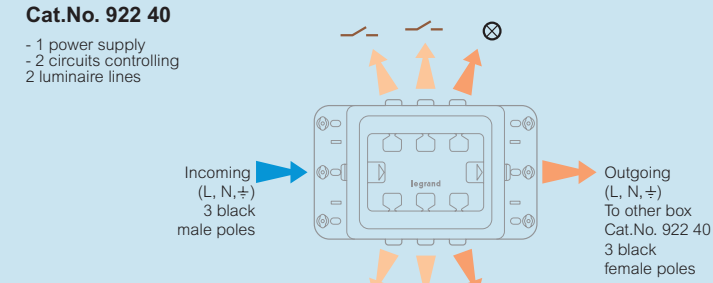


Installation principles and dimensions of junction boxes

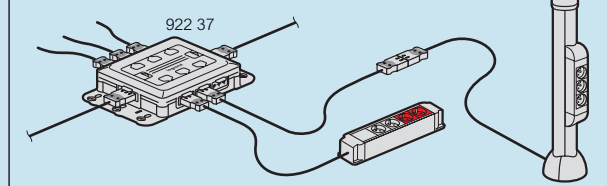


	L	L'	L''	I	H
922 30/31/32/33	124 mm	56 mm	61 mm	6 mm	49 mm
922 35/36/37/38	244 mm	138,2 mm	152,5 mm	18 mm	45,5 mm

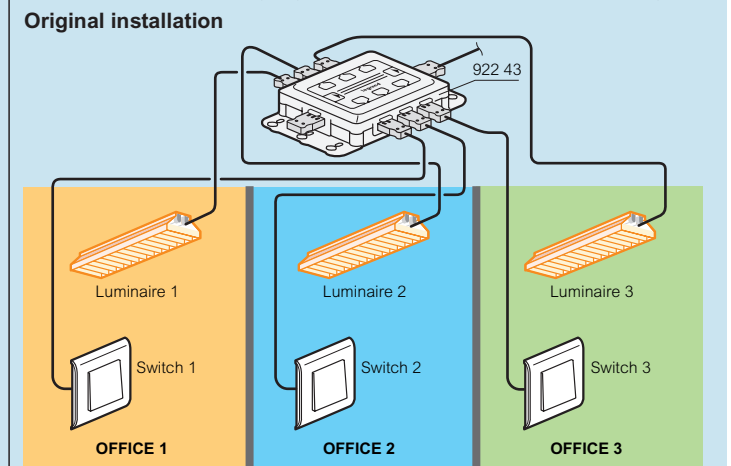
Operation of the junction boxes



Example of application in false floor

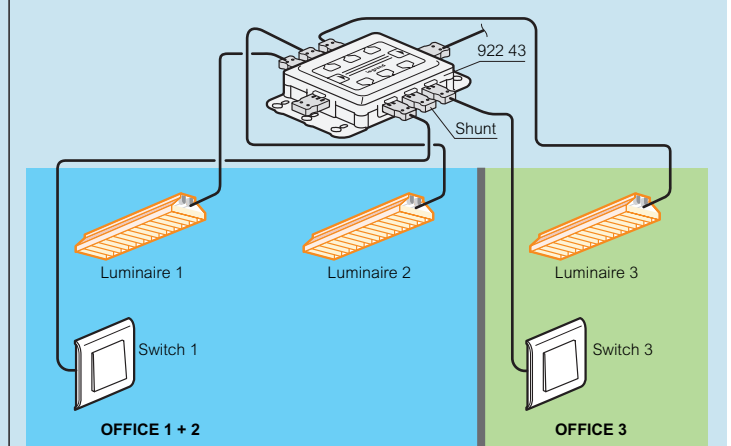


Examples of changing an installation in a false ceiling



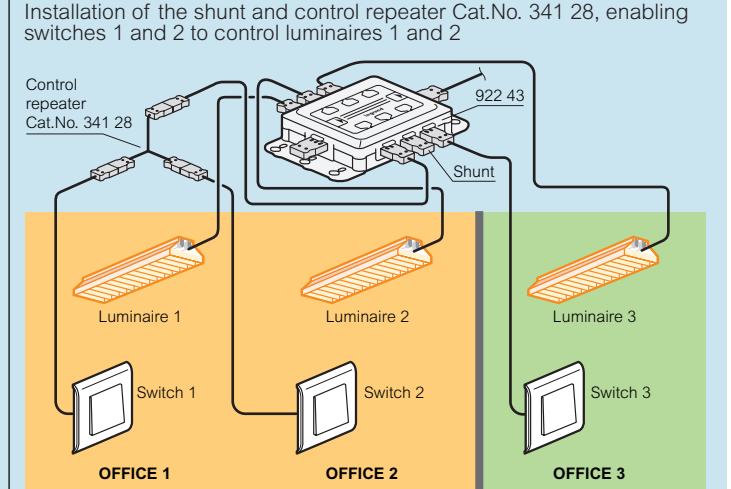
1st example: The partition and switch 2 are removed

Installation of the shunt, enabling switch 1 to control luminaires 1 and 2



2nd example: The partition is removed and switch 2 remains in place

Installation of the shunt and control repeater Cat.No. 341 28, enabling switches 1 and 2 to control luminaires 1 and 2

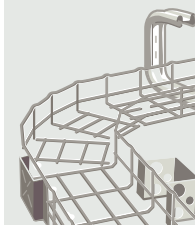


Unlimited solutions to manage power and data in buildings

To meet the main demands in commercial and industrial applications, inside or outside, Legrand offers multiple solutions to manage power and data: steel or PVC tray, wire mesh tray and busbar

STEEL WIRE MESH TRAY SOLUTIONS

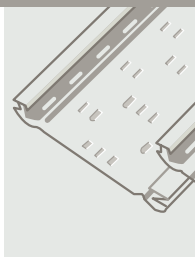
- Appropriate for any commercial or industrial applications
- 4 depths (30, 54, 80, 105, 150 mm) and 9 widths (from 50 to 600 mm)
- Electroplated zinc stainless steel



+ Safe, fast and easy to install
No accessory required

PVC CABLE TRAY SOLUTIONS

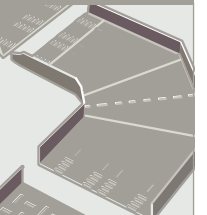
- Especially appropriate for all corrosive or outdoor environments
- 3 depths (50, 75 and 100 mm) and 8 widths (from 75 to 600 mm)



+ Light weight

STEEL CABLE TRAY AND LADDER SOLUTIONS

- Especially appropriate for any commercial or industrial applications
- Depths from 35 to 600 mm
- 2 finishes on request: pre-galvanised steel hot dip galvanised



+ Heavy duty
+ Excellent earthing properties

BUSBAR SOLUTIONS

- Appropriate for any commercial or industrial applications
- From 25 to 5000 A for power, distribution and lighting
- IP 55
- Galvanised steel enclosure with openings for junctions
- Junctions and connections using connectors

