Plexo IP 55/IP 66
Makes your day, rain or shine
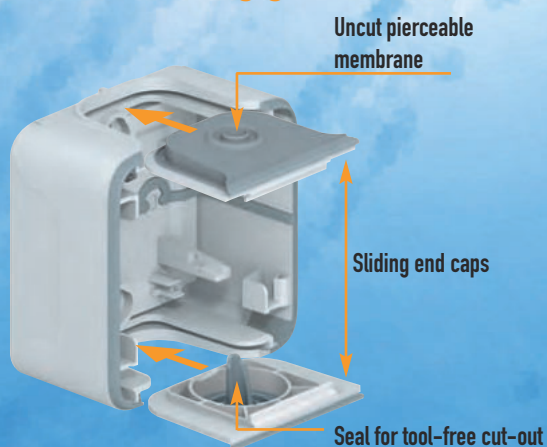
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Plexo IP 55
Ingenious features for easy installation

>> **Time saving guaranteed: no cut-out**

Uncut pierceable membrane

Sliding end caps

Seal for tool-free cut-out

>> **Inserting 4 to 15 mm diameter cables**

1/ Pierce the end cap using a screwdriver
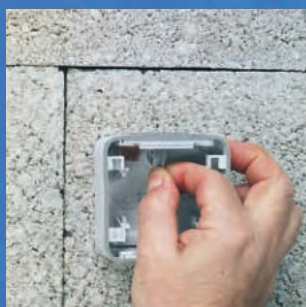
2/ Insert the cable through the end cap

3/ The membrane of the end cap ensures IP 55 protection of the installation

>> **Inserting 16 to 25 mm diameter tubes**

1/ Make the end cap cut-out by pulling the seal

2/ Insert the tube through the end cap

3/ The membrane of the end cap compensates for any misalignment of the tube and ensures IP 55 protection of the installation
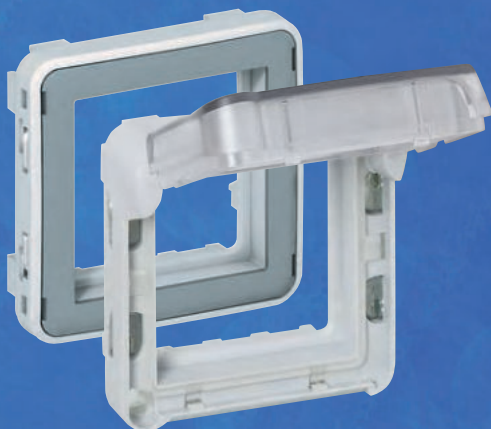
>> Automatic terminals for safety and speed

Suitable for both **non-rigid multi-strand** and rigid cables.
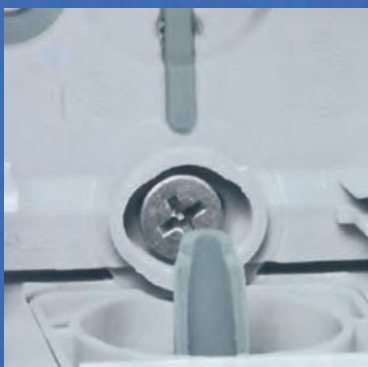
>> Yet more ingenious features

Plexo has many new improved or ingenious features to aid installation.
Like, for example, the four 1/4 turn fastenings, the visible fixing points, etc.

Plexo adaptors for Mosaic, with or without flap

All the modular boxes are equipped with an automatic Nylbloc connector when a tap-off is required

Visible and accessible fixing points: identical to the Plexo 55

Locking by means of four 1/4 turn fastenings

legrand

Plexo IP 55
The functions that make Plexo a real new range

Many new functions are being added to Plexo range to satisfy all configurations, whatever your site. In addition, all control mechanisms with an indicator light or tell-tale are supplied with their bulb for insertion. Simple and practical!

2-wire automatic switch without override Cat.No 695 00 (p. 08)

Time switch for all loads Cat.No 695 04 (p. 07)

4-button scenario switch Cat.No 695 06 (p. 07)

RF push-button Cat.No 695 05 (p. 07)

Push button with 1/4 turn unlocking Cat.No 695 49 (p. 09)

FTP cat. 6 VDI socket Cat.No 695 60 (p. 09)

Li legrand

Plexo IP 55 – IK 07
surface and flush mounting, supplied complete

NEW

Lamp supplied

697 09   697 12   697 33   698 24

Mechanisms supplied complete, with back box and 2 membrane glands.
Illuminated functions supplied with 230 V∿ lamps
Lamps and accessories (p. 06). Automatic connection

Pack	Cat.Nos	Switches 10 AX - 250 V∿
	Grey	**IP 55 – IK 07**
10	697 09	Two-way switch
5	697 16	Intermediate switch
10	697 12	Two-way switch with indicator
5	697 13	Illuminated two-way switch
10	697 15	Two-gang two-way switch

Pack	Cat.Nos	Push-buttons 10 A
	Grey	**IP 55 – IK 07**
1	697 19	N/O contact
10	697 21	Illuminated N/O contact

Movement detectors

IP 55
Allows control of a lighting device as soon as the movement is detected
Maximum load:
- 2 000 W for incandescent and halogen lamps 230 V∿ and
- 2 000 W for ELV halogen lamps,
- 1 000 VA for fluorescent tubes and compact fluorescent lamps
Detection range from 0 to 12 m
Coverage pattern adjustable during installation process
Temporization between 12 s and 16 min.
Dim. 90x90x85 mm

Pack	Cat.Nos	
1	**Grey** 697 40	Detection angle : 360°

Pack	Cat.Nos	Key switches 10 A - 250 V∿
	Grey	**IP 20 – IK 07**
1	697 06	Key switch for European standard lock 1 pole, switch/push button 3 positions "1-0-2" To be equipped with lock Cat.No 696 95 below
1	697 95	European standard lock Supplied with one set of 3 keys

Pack	Cat.Nos	Cable outlet
	Grey	**IP 55 – IK 07**
5	697 45	Cable outlet supplied with cable grip

Pack	Cat.Nos	Socket outlets
		German standard 16 A – 250 V∿
10	**Grey** 697 33	2P + E with earth lateral contact with screw terminals
		British standard 13 A – 250 V∿
5	69672SSO	2P+E switched socket outlet, 16A switch and 13A socket
10	697 32	2P+E screw terminals
5	697 39	2 x 2P+E screw terminals
		French standard 16 A – 250 V∿
10	697 31	2P + E with shutters for child protection, automatic terminals

Pack	Cat.Nos	Switches 10 AX – 250 V∿
	Grey	**IP 55 – IK 07**
10	698 11	Two-way switch

Pack	Cat.Nos	Push-buttons 10 A
	Grey	**IP 55 – IK 07**
10	698 21	Illuminated changeover push-button (N/O + N/C contact)
5	698 24	Illuminated changeover push-button (N/O + N/C contact), with label holder Supplied with 12 V lamp Can be equipped with 230 V∿ lamp

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Plexo IP 55 – IK 07
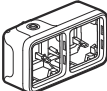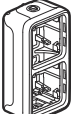### surface mounting boxes and flush-mounting support frames

NEW

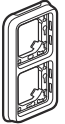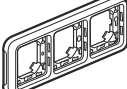**NEW**
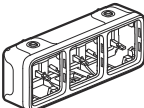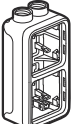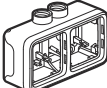
| 696 51 | 696 72 | 696 68 | 696 85 |

To be equipped with modular Plexo mechanisms (p. 04 to 06)
The surface mounting boxes are equipped with Nylbloc automatic connection terminals for 2 wires (optional use for junction)

Pack	Cat.Nos	
	Grey	**Surface mounting boxes with membrane glands**
		Equipped with removable membrane glands. Direct entry of cables (No need to be cut)
10	696 51	**1 gang** — 1 entry
		2 and 3 gang — No separation between compartments, in order to facilitate the cabling operations and to allow the installation of pre-wired socket outlets
5	696 72	2 gang, 2 entries
5	696 61	2 gang, vertical mounting 2 entries
5	696 80	3 gang, horizontal mounting 3 entries

Pack	Cat.Nos	
	Grey	**Flush-mounting support frames**
		Used for flush mounting version for French and German standard boxes only
10	696 81	**1 gang** — For 1 Plexo mechanism. Can be equipped with claws Cat.No. 849 00 / 01
		2 and 3 gang — 71 mm fixing centres
5	696 83	2 gang, for 2 Plexo mechanisms, horizontal mounting
5	696 85	2 gang, for 2 Plexo mechanisms, vertical mounting
5	696 87	3 gang, for 3 Plexo mechanisms, horizontal mounting

Pack	Cat.Nos	
	Grey ISO 20	**Surface mounting boxes for cable glands**
5	696 56	1 gang 1 entry
5	696 68	2 gang, vertical mounting 2 entries (2 top)
5	696 78	2 gang, horizontal mounting 2 entries (2 top)

Plexo IP 55 – IK 07
accessories

NEW

695 80

6806 33

Installation with surface mounting boxes (p. 05) or
flush mounting support frames (p. 05)

Adaptors

Pack	Cat.Nos	
		IP 55 – IK 07 for 2 Mosaic modules Can be equipped with any Mosaic function in order to obtain an IP 55 wiring device except Cat.Nos 746 55/47 For those functions use Cat.No 695 07 without adaptor
10	Grey/White 695 80	Adaptor with smoked polycarbonate flap
1	695 79	Adaptor with smoked polycarbonate flap lockable with special tool (see below)
1	919 45	Special tool for adaptor Cat.No 696 79
		IP 20 for 2 Mosaic modules
1	695 82	Adaptor without flap (IP 20)
		IP 55 – IK 07 for 3 Mosaic or Vela modules
20	Grey 6806 33	Weatherproof IP 55 frame with membrane Allows operations of switches without opening cover maintaining IP 55 rating

Blanking plate

Pack	Cat.Nos	
5	Grey 695 37	To be used as needed in combination with surface mounting boxes or flush mounting frames

Cable outlets

		IP 55 - IK 08
5	Grey 698 48	Cable outlet supplied with cable grip Ø5 to 13 mm

Lamps

For indicator function use orange colour,
For locator function use green colour

10	694 96	230 V - 1 mA green – exclusively used for illuminated push-button
10	694 97	230 V - 0.5 mA green
10	694 98	230 V - 1 mA orange
10	694 99	12 V - 15 mA green
10	694 95	24 V – 20 mA green

Membrane cable glands

10	Grey 695 96	1 entry – Ø up to 25 mm
5	695 99	2 entries - Ø up to 16 mm

Plexo™ boxes

Please consult us

Plexo IP 55 – IK 07
modular mechanisms

NEW

Lamp supplied
Lamp supplied
Lamp supplied
Lamp supplied

| 695 13 | 695 25 | 695 04 | 695 43 | 695 05 |

Mechanisms supplied with cover plate
Installation with surface mounting boxes (p. 05) or flush mounting support frames (p. 05)
Illuminated functions supplied with 230 V⏦ lamps (except 695 43 / 695 44 / 696 33 / 696 34: supplied with 12 V lamps)
Lamps and accessories (p. 06)
Automatic connection

Pack	Cat.Nos	Switches 10 AX - 250 V⏦
	Grey	**IP 55 – IK 07**
10	695 11	Two-way switch
5	695 21	Intermediate switch
10	695 12	Two-way switch with indicator
5	695 13	Illuminated two-way switch
10	695 25	Two-gang two-way switch
10	695 30	Double pole switch
		IP 55 - IK 05
1	695 10	**In One** by Legrand RF switch 1 output: On/Off functions of the connected circuit
		As receiver can execute the orders received from RF scenario controllers (p. 432 and 434) 3-wire connection Maximum load: - 2 500 W for incandescent and halogen lamps 230 V⏦ - 2 500 VA for ELV halogen lamps with ferromagnetic or electronic transformers - 8 X 36 W for fluorescent tubes Ø26 or 38 mm - 500 W fluocompact lamps

Pack	Cat.Nos	Push-buttons 10 A
	Grey	**IP 55 – IK 07**
10	695 40	N/O contact
10	695 41	Changeover (N/O + N/C contact)
10	695 42	Illuminated, N/O contact
10	695 43	Illuminated N/O contact, with label holder Supplied with 12 V lamp Can be equipped with 230 V⏦ lamp (p. 673)
5	695 44	Illuminated changeover push button (N/O + N/C contact), with label holder Supplied with 12 V lamp Can be equipped with 230 V⏦ lamp (p. 673)
		IP 55 - IK 05
1	695 05	**In One** by Legrand RF push button Allows the radio frequency control of 1 lighting scenario 1 lithium battery 3V CR 2032 supplied
1	695 06	**In One** by Legrand RF scenario controller (transmitter) Can control 4 scenarios 1 lithium battery 3V CR 2032 supplied

Pack	Cat.Nos	Illuminated time lag switch - 250 V⏦
	Grey	**IP 55**
5	695 04	Electronic 2-wire connection Supplied with lamp
		Temporization: 25 s to 15 min. Maximum loads: - 1 000 W incandescent and halogen 230 V⏦ - 400 W halogen 130 V - 400 VA ELV halogen lamps - 400 VA fluorescent lamps - 2 300 W resistive (heating)

For availability, please consult us

NEW

| 695 00 | 695 17 | 695 34 | 695 07 | 695 08 | 695 60 |

Mechanisms supplied with cover plate
Installation with surface-mounting boxes (p. 05) or flush-mounting support frames (p. 05)
Lamps and accessories (p. 06)
Automatic connection

Automatic switches, 230 V∿

Pack	Cat.Nos	
1	Grey/White **695 00**	**Without neutral – 2 wire connection - IP 55 - IK 07** Can be used instead of a 1 way switch. No additional wiring required. Operates: 60 to 300 W incandescent and halogen lamps 230 V∿. Temporization: 6 s to 6 min. Detection angle: 130°. Luminosity threshold: 3 to 1 000 lux. Maximum detection range: 8 m (adjustable)
1	695 02	**With neutral – 3 wire connection - IP 55 - IK 07** Operates: 500 to 1 000 W - incandescent and halogen lamps 230 V∿ - ELV halogen lamps - fluocompact. Temporization: 1 s to 16 min. Detection angle: 180°. Luminosity threshold: 3 to 1 000 lux. Maximum detection range: 8 m (adjustable)
1	695 01	**Without neutral with on/off function – 2 wire connection - IP 55** Can be used instead of a 1 way switch. No additional wiring required. Equipped with on/off keys for manual operation. Operates: 40 to 400 W incandescent and halogen lamps 230 V∿. Temporization: 1 s to 16 min. Detection angle: 180°. Luminosity threshold: 3 to 1 000 lux. Maximum detection range: 8 m (adjustable)

Light sensitive switches, 230 V∿

Pack	Cat.Nos	
5	Grey **695 17**	**Light sensitive switch 1 function - IP 55 - IK 07** Can be used to switch a lighting circuit "ON" and "OFF" based on light conditions (nightfall, daybreak). Supplied in one piece, including photoelectric cell. Maximum load: - 1 400 W incandescent and halogen lamps 230 V∿ - 400 VA fluorescent tubes. Luminosity threshold: 0,5 to 1500 lux
5	695 18	**Photoelectric cell – IP 55** For use with modular light sensitive switches Cat.Nos 037 21/23/25 (p. 154)

Key operated switches 3 A - 250 V∿

Pack	Cat.Nos	
1	Grey **695 34**	Supplied with RONIS key n° 455. Key removable in ay position. 2 positions marked "0 – I". 2 N/O contacts
1	695 35	2 positions marked "I – 0 – II". 2 N/O contacts

Roller blinds control

Pack	Cat.Nos	
1	Grey **695 07**	**RF roller blinds controller** In One by Legrand RF general roller blinds controller (transmitter). Up/Stop/Down functions for simultaneous actions of a group of RF individual roller blind controllers. 1 lithium battery 3V CR 2032 supplied
5	695 39	**Manual roller blinds controller IP 55 – IK 07** Double push-button for systems with automatic control box (electrical interlock) 10 A -250 V∿

Socket outlets

Pack	Cat.Nos	
10	Grey **695 85**	**British standard 13 A – 250 V∿** 2P + E screw terminals

RJ 45 data socket

Pack	Cat.Nos	
5	Grey **695 60**	RJ 45 cat. 6 - FTP 9 contacts

Technical detector

Pack	Cat.Nos	
1	Grey **695 93**	**Flood detector - IP 41 - IK 07** Detects the presence of liquid at a specific height (according to its position). For transformer Cat.No 042 25 (p. 155) or modular power supply Cat.No 042 10 (p. 158). Supply voltage : 12 V ⎓ / ∿. Power consumption: • 0.2 mA on stand-by mode • 20 mA in alarm mode. Supplied complete with sensor and 2 m length cable

For availability, please consult us

Plexo IP 55 – IK 07
modular mechanisms (continued) NEW

PLEXO 66 > > >

695 47	695 49	695 83 + 695 91

Pack	Cat.Nos	**Emergency stop functions 3 A 230 V∿**
	Grey/Yellow	Supplied with "emergency stop" label in 8 languages Yellow cover plate, red button
1	695 47	Emergency stop button 1 N/C contact 1 pole
1	695 48	Emergency stop with key for reset N/O + N/C contact Key RONIS n° 455 supplied Key removable in 0 position
1	695 49	Emergency stop - stay put 1/4 release N/O + N/C contact
	Grey/White	**Pilot light IP 55 – IK 07**
		Pilot lamp
10	695 83	Accepts E 10 lamps – 230 V∿ - 5 W max (supplied) Screw connection Supplied without diffusers (see below)
		Diffuser for pilot lamp
5	695 91	Red

The ultimate weatherproof solution

Plexo 66 ensures safety and peace of mind by delivering maintained IP 66 protections, even with moulded plugs inserted

> **Easy to install**
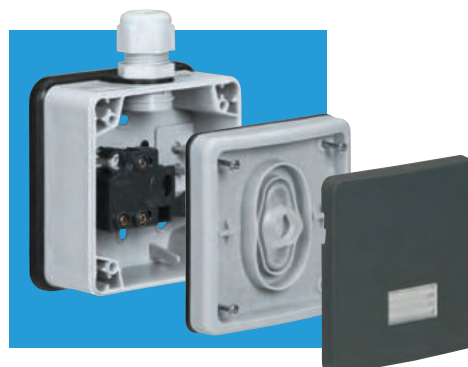
Stainless steel captive terminal screws supplied

> **Plug inserted, IP 66 guaranteed**

Maintained IP 66 protection even with moulded plugs inserted

Plexo 66 – surface mounting IP 66 – IK 08
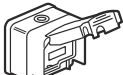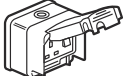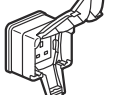## mechanisms, boxes and accessories

6846 19   6846 27   6846 28

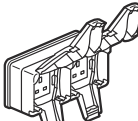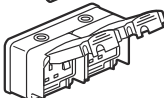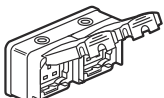2 finishes: - Grey RAL 7016/TO 29.- White RAL 9010
Supplied with ISO 20 membrane glands and caps (for rear cabling). Stainless steel captive terminal screws supplied in backed-off position
Supplied without lamps

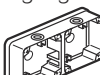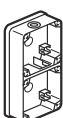| Pack	Cat.Nos	
	Grey	**20 A - 250 V∿ switches**
		Conform to BS EN 60 669-1
		Fitted with rear gasket with groove to deposit silicone
1	6846 03	1 gang Two-way switch - SP
1	6846 04	2 gang Two-way switch - SP
1	6846 05	1 gang Two-way switch - SP + indicator
1	6846 06	1 gang One-way switch - DP + indicator
1	6846 02	1 gang 1 way switch - DP
	Grey	**6 A - 250 V∿ push-buttons**
1	6846 11	1 gang Two-way switch - SP with "Bell"
1	6846 12	2 gang Two-way - SP with "Press"
	Grey	**13 A - 250 V∿ fused spur units**
		Conform to BS 1363: Part 4 Fitted with rear gasket with groove to deposit silicone
1	6846 45	1 gang - DP switched
	Grey	**13 A - 250 V∿ socket outlets**
		Conform to BS 1363: Part 2 Fitted with rear gasket with groove to deposit silicone
1	6846 22	1 gang Switched socket with opaque lid
1	6846 20	1 gang unswitched socket with opaque lid
1	6846 19	1 gang unswitched Accepts moulded plugs with side outlet

Pack	Cat.Nos	
	Grey	**13 A - 250 V∿ socket outlets (continued)**
1	6846 27	2 gang unswitched Accepts moulded plug
1	6846 29	2 gang switched
1	6846 28	2 gang unswitched
	Grey	**Mosaic adaptors**
1	6846 36	2 module adaptor with semi-transparent lid
1	6846 38	3 module adaptor with semi-transparent lid
	Grey	**Back boxes**
		Allow the installation of Plexo 66 mechanisms to suit individual requirements. Provision for 20 mm dia. conduit entries (side and rear). Fitted with rear gasket with groove to deposit silicone
1		1 gang
1	6846 90	2 gang - horizontal 6 conduit entries
1	6846 91	2 gang - vertical 4 conduit entries
		Accessory
5	6846 99	Gasket - black

(1) White version supplied with surface mounting gasket and screws

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