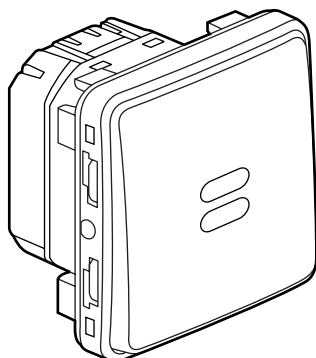


Plexo™ Timer switch

Cat. No(s): 0 695 04 - 0 696 04



CONTENTS

Page

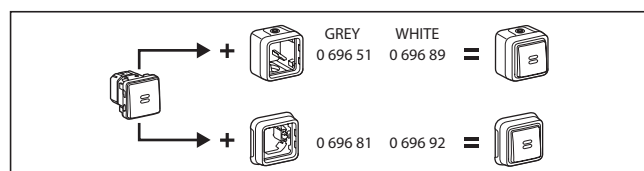
1. Use	1
2. Range	1
3. Installation	1-2
4. Overall dimensions	2
5. Connection	3
6. Operation	3
7. General characteristics	3
8. Maintenance	3
9. Standards and approvals	3

1. USE

Weatherproof wiring device system designed for residential and professional technical locations (garages, cellars, car parks, workshops and industrial kitchens, etc) as well as for outdoor applications (patios, gardens, camp sites, etc).
Lighting or heating control with switch-off timer.
Illuminated product (LED incorporated into mechanism).

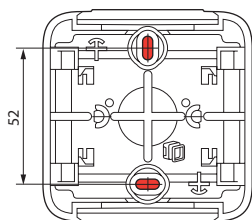
2. RANGE

2 versions: grey and white	References
Composable	0 695 04/xx - 0 696 04/xx
Complete surface mounting	0 697 xx
Complete flush mounting	0 698 xx



■ 3.1 Surface mounting

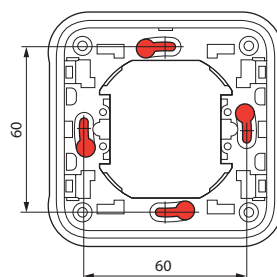
- By screwing back box onto support using two Ø 3 mm - Ø 4 mm max. screws.



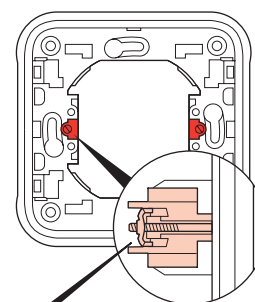
3. INSTALLATION (continued)

■ 3.2 Flush mounting

- With screws on flush box



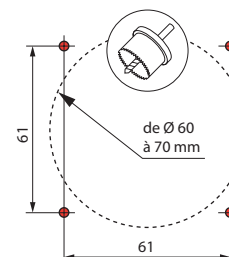
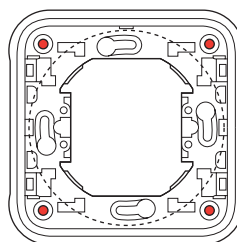
- With claws on flush box



Possibility of fitting claws:
Cat. No. 0 849 00 or Cat. No. 0 849 01 (long claws)

- On solid faceplate using 4 Ø 4 mm screws.

Drill support material (diameter 60 - 70 mm) using hole saw or hole punch.



3. INSTALLATION (continued)

■ **3.3 Conduit connection**

Type of conduit:

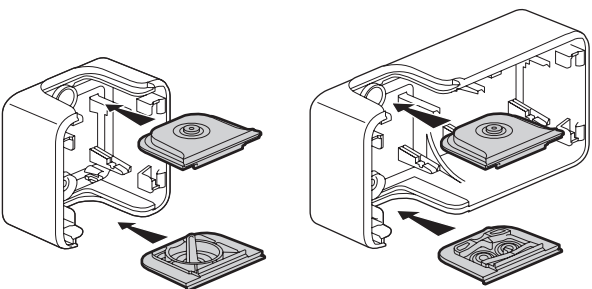
- **IRL**: formerly IRO, insulating rigid smooth tube
 - **ICA**: insulating flexible bendable corrugated tube
 - **ICTA**: insulating flexible transversally bendable elastic corrugated conduit
 - **ICTL**: insulating flexible transversally bendable elastic smooth conduit
- Ø 16 - 25 mm

Cables (examples):

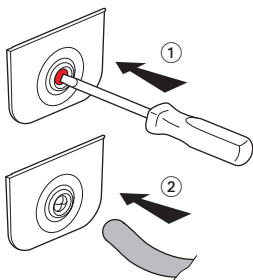
- rigid conductors: U - 1000R2V 3G2.5
- flexible conductors: H07 RN - F 3G2.5

Type of entry gland: flexible with membrane, 2 removable types.

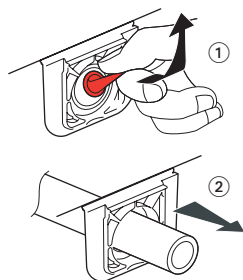
- Entry gland with 1 entry supplied with 1 gang box (top and bottom).
- Entry gland with 1 entry supplied with 2 gang and 3 gang boxes (top).
- Entry gland with 2 entries supplied with 2 gang and 3 gang boxes (bottom).



Ø 4 - Ø 15 mm



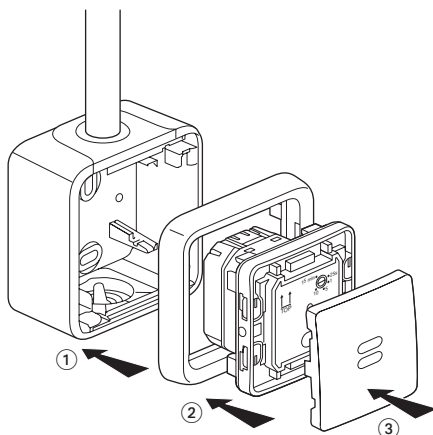
Ø 16/20/25 mm



Also available as accessories:

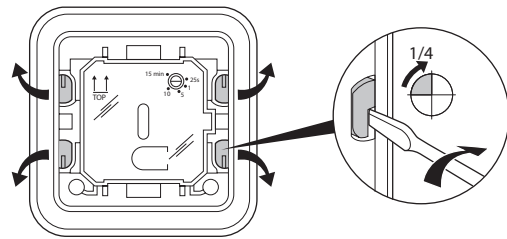
- 0 695 96 grey entry gland 1 entry
- 0 695 99 grey entry gland 2 entries
- 0 696 46 white entry gland 1 entry
- 0 696 49 white entry gland 2 entries

■ **3.4 Assembly**



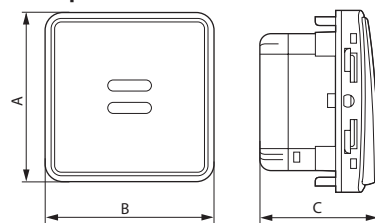
3. INSTALLATION (continued)

IP55 sealing of the front part (cover) on the box is ensured by rotating four 1/4 turn fixings.

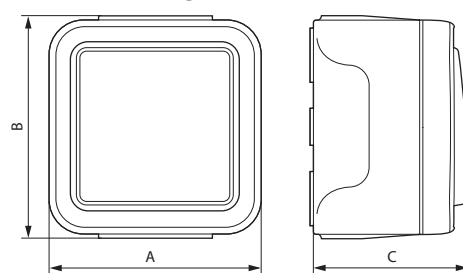


4. OVERALL DIMENSIONS (mm)

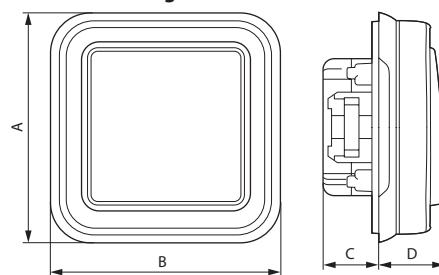
■ **Composable**



■ **Surface mounting**



■ **Flush mounting**



	A	B	C	D
Composable	64	64	47.3	-
Surface mounting	84	80	57	-
Flush mounting	86	86	22	23

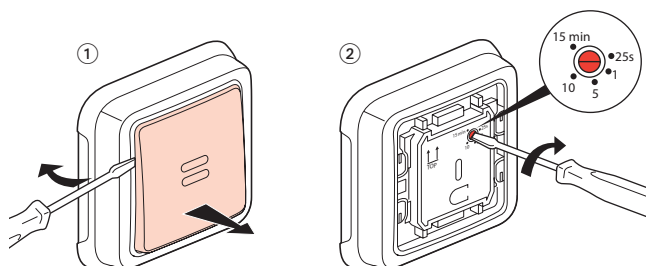
5. CONNECTION

Type of terminals: with screws
Terminal capacity: 1.5 mm² to 2.5 mm²
Stripping length: 12 mm

6. OPERATION

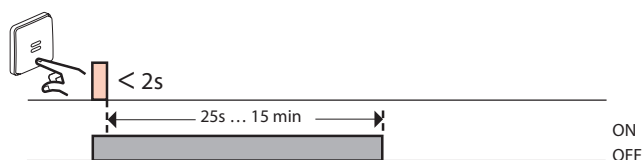
6.1 Adjustment

- Remove the switch cover then use a flat screwdriver to set the required timer from 25 seconds to 15 minutes.

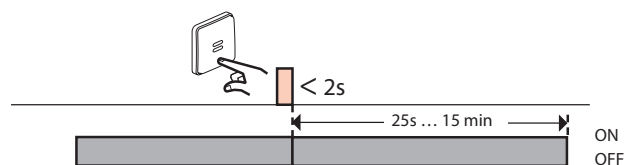


6.2 Operation

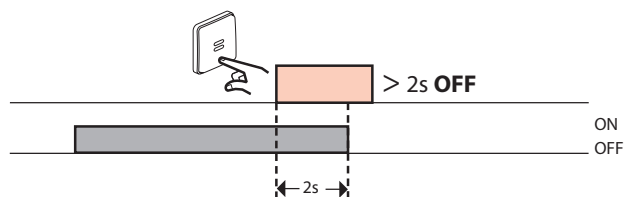
- Un appui provoque l'allumage pendant la temporisation.



- Press again within 2 seconds during the timer duration to reset the timer.



- Press again after 2 seconds during the timer duration to switch off.



The switch is fitted with an indicator LED.

7. GENERAL CHARACTERISTICS

7.1 Protection class

Protection against solid bodies and liquids: IP 55
Impact test: IK 07

7.2 Material characteristics

Box, support: PP (filled Polypropylene)
Plate, rocker: ABS (Acrylonitrile-Butadiene-Styrene)
Entry gland, trim: PP + SEBS (Styrene-Ethylene-Butadiene-Styrene)
Mechanism: PC (Polycarbonate)

UV resistance: No notable alteration following the 7 day test with 550 W/m² power lighting (Colorimetric measurement using Lab method).
Resistance to salt spray: 7 days (168 h)

Self-extinguishing:

+ 850°C / 30 s for insulating components holding in place live parts.
+ 650°C / 30 s for the other insulating components.

7.3 Electrical characteristics

Current: 8 A
Voltage: 250 V~
Frequency: 50 Hz

①	②	③	④	⑤	⑥	⑦	⑧
1840 W	400 VA	2 x 58 W 14 µF	1000 W	400 W	250 VA	400 VA	400 VA

- ① Resistive
- ② Non compensated fluorescent
- ③ Compensated fluorescent
- ④ Incandescent
- ⑤ Compact fluorescent and fluorescent with electronic transformer
- ⑥ Fan motors
- ⑦ Very low voltage halogen lamp with ferromagnetic transformer
- ⑧ Very low voltage halogen lamp with electronic transformer

7.4 Caractéristiques climatiques

Température de stockage et d'utilisation : 0° C à + 35° C

8. MAINTENANCE

Clean surface with dry cloth or cloth soaked in soapy water.
Do not use acetone, tar remover or trichloroethylene.

Caution: A test should be carried out before using any specific cleaners.

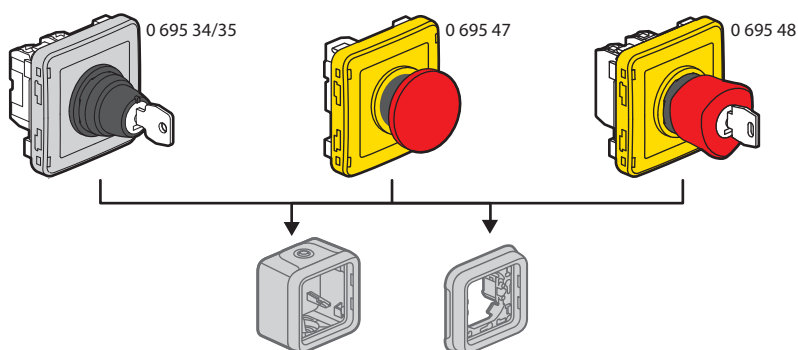
9. STANDARDS AND APPROVALS

Products manufactured in accordance with the following standards:

- French NF C 61-314
- Belgian NBN C 61-112
- International IEC 60884-1

Plexo™ Key switch - Emergency cut-off

Cat. No(s): 0 695 34/35/47/48/49



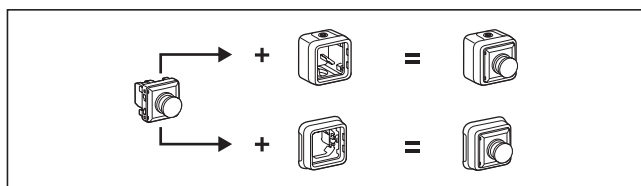
1. USE

Weatherproof wiring device system designed for residential and professional technical rooms (garages, cellars, car parks, workshops, industrial kitchens, etc.) and outdoor environments (terraces, gardens, camp sites, etc.).

Key switches, supplied with a set of two no. 455 Ronis keys, key withdrawal in all positions and mechanisms supplied with front plates. Mechanisms are flush or surface-mounted with boxes and supports.

2. RANGE

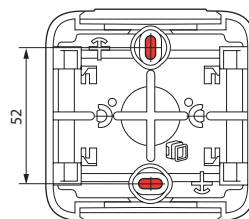
	2 versions: grey and white	Cat. No.
COMPOSABLE	2-position key switch	0 695 34
	3-position key switch	0 695 35
	Emergency cut-off, spring return push button, single-pole	0 695 47
	Emergency cut-off, spring return push button, single-pole	0 695 48
	Emergency cut-off, push button with quarter-turn lock	0 695 49



3. INSTALLATION

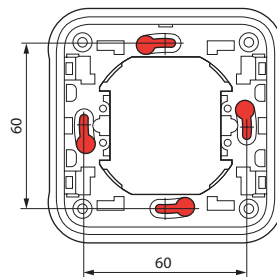
■ 3.1 Surface mounting

- When back body is mounted on the support using screws, max. diameter 3 mm to 4 mm.

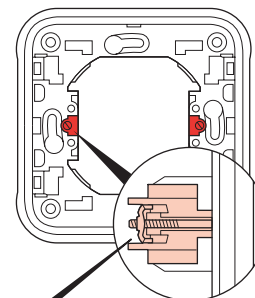


■ 3.2 Flush mounting

- By screwing onto a flush-mounting box

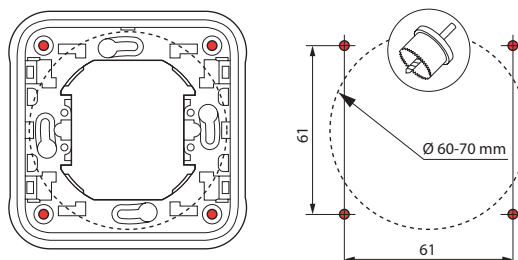


- By claws onto a flush mounting box



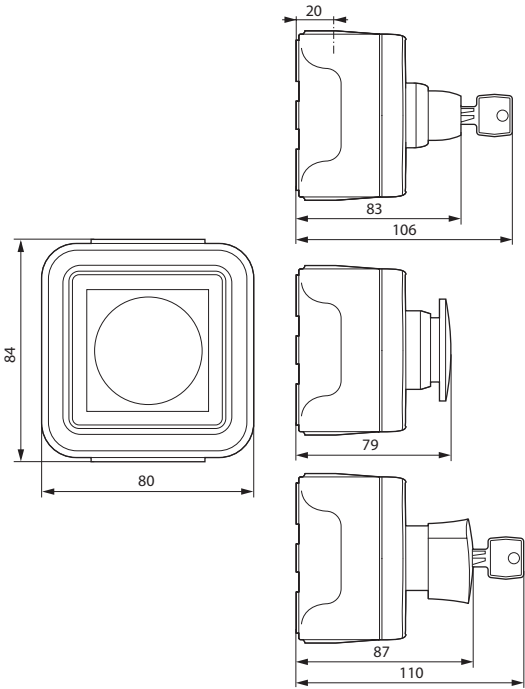
Possibility to place claws:
Cat. No. 0 849 00 or Cat. No. 0 849 01 (long claw)

- By face plate using screws Ø 4 mm
Piercing of support material for diameter 60-70 mm using cylinder saw or punch.

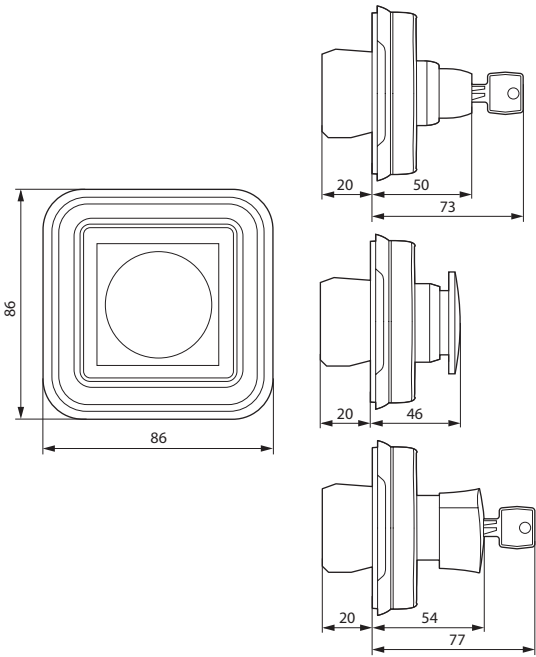


4. OVERALL DIMENSIONS (mm)

■ Surface-mounting



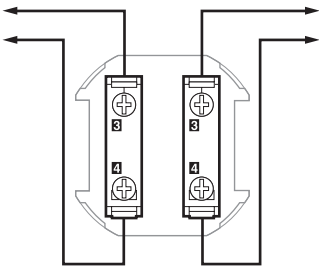
■ Flush-mounting



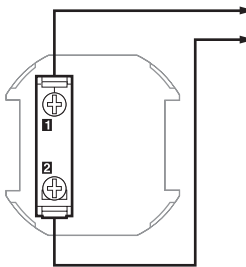
5. CONNECTION

■ Connection to conductors

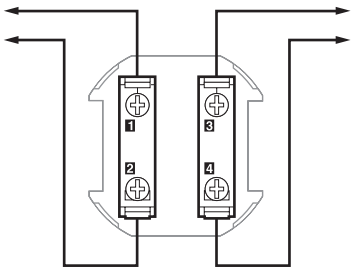
0 695 34/35



0 695 47



0 695 48/49



Type of terminals: with screws

NO and/or NC contacts

Terminal capacity: 1.5 mm² - 2.5 mm² (1 or 2 conductors)

Stripping length: 12 mm

Screwdriver: flat-blade 3.5 mm

Plexo module product table (contact type)

Plexo Cat. No.	Contact type	Description
0 695 47	1 NF supplied 0 229 01	Emergency cut-off, spring return push button, 3 A-250 V single-pole
0 695 48	1 NF 1 NO supplied 0 229 01 + 0 229 02	Emergency cut-off, spring return push button, 3 A-250 V single-pole V
0 695 49	1 NF 1 NO supplied 0 229 01 + 0 229 02	Emergency cut-off, push button with quarter-turn lock, 3 A -250 V
0 695 34	2 NO supplied 2 x 0 229 02	2-position key switch. 3 A -250 V
0 695 35	NO supplied 2 x 0 229 02	3-position key switch. 3 A -250 V
Bloc contact		
0 229 02		NO screw terminals
0 229 01		NC screw terminals
0 230 51		NC spring terminals
0 230 52		NO spring terminals

6. TECHNICAL CHARACTERISTICS

■ 6.1 Protection index

Protection against solid bodies and liquids: IP 55
Protection against impact: IK 07

■ 6.2 Materials characteristics

Box, support: PP
Plate, rocker: ABS
Entry gland, front plate: PP + SEBS
Mechanism: PC

UV resistant
Resistance to salt spray: 7 days (168 h)

Self-extinguishing:
+ 850°C / 30 s for insulating components holding in place live parts.
+ 650°C / 30 s for the other insulating components.

■ 6.3 Electrical characteristics

Power	Current	Voltage
690 W	3 A	250 V~
-	1.5 A	24 V=

■ 6.4 Climatic characteristics

Storage temperature: - 25° C to + 70° C
Use temperature: - 25° C to + 40° C

7. CLEANING

Surface cleaning with dry cloth or cloth dipped in soapy water.
Do not use acetone, tar remover or trichloroethylene.

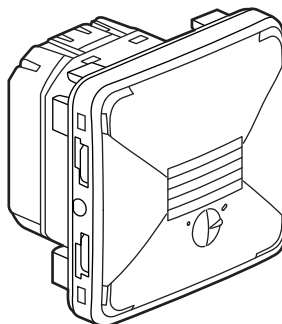
Caution: A test should be carried out before using any specific cleaners.

8. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.
Refer to e. catalogue.

Plexo™ Light-sensitive switch

Cat. No(s): 0 695 17 - 0 696 17



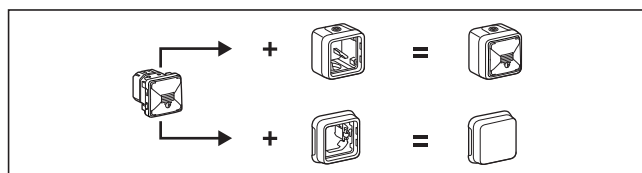
0 695 17 - 0 696 17

1. USE

Weatherproof system designed for residential and professional technical rooms (i.e. garages, cellars, car parks, workshops, industrial kitchens, etc.) and outdoor environments (terraces, gardens, camp sites, etc.).
Light-sensitive switches: the light comes on at nightfall and goes out at dawn, one-piece unit with built-in cell.

2. RANGE

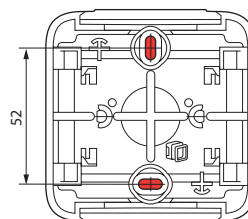
	Description	Grey	White
DRESSABLE	 1400 W incandescent 400 VA fluorescent adjustable from 0.5 to 1500 lux	0 695 17	0 696 17



3. INSTALLATION

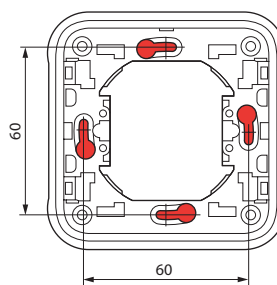
■ 3.1 Surface mounting

- When back body is mounted on the support using two screws, diameter 3 mm to max. 4 mm.

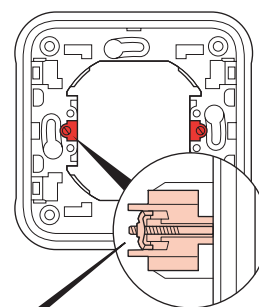


■ 3.2 Flush-mounting

- By screwing onto a flush-mounting box

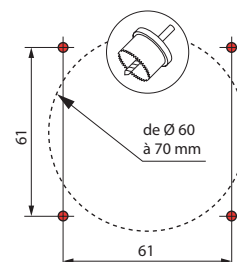
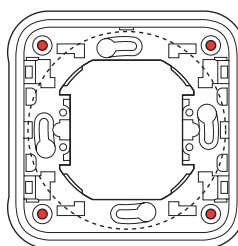


- By claws onto a flush-mounting box



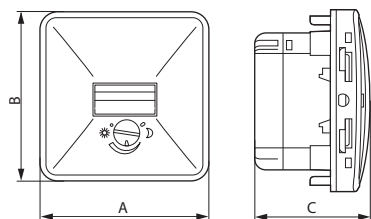
Claws usable for mounting:
Cat. no. 849 00 or Cat. no. 849 01 (long claws)

- Mounting on base plate using 4 screws Ø 4 mm
Opening cut in base-plate, diameter 60 mm to 70 mm using a hole saw or a punch Ø 60 to 70 mm.

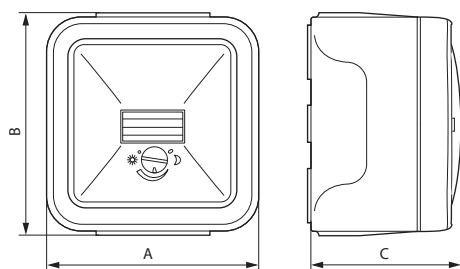


4. OVERALL DIMENSIONS (mm)

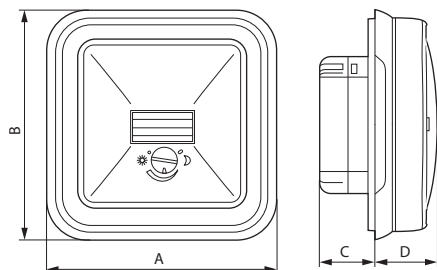
■ Dressable



■ Surface-mounting



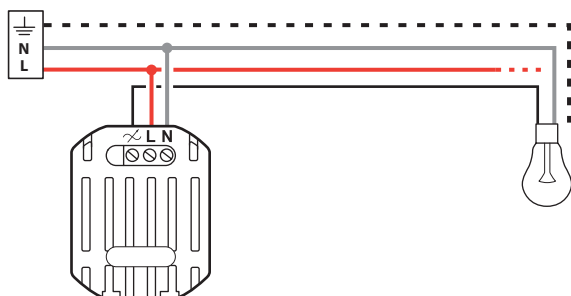
■ Flush-mounting



	A	B	C	D
Dressable	64	64	47	-
Surface-mounting	80	84	57	-
Flush-mounting	86	86	22	25

5. CONNECTION

■ Connection to conductors



5. CONNECTION (continued)

Type of terminals: with screws
Terminal capacity: 2 x 1.5 mm² - 1 x 2.5 mm²
Stripping length: 8 mm
Screwdriver: flat 3.5 mm

6. TECHNICAL CHARACTERISTICS

■ 6.1 Protection class

Protection against solid bodies and liquids: IP 55
Impact test: IK 07

■ 6.2 Material characteristics

Box, support: PP (filled Polypropylene)
Plate, rocker: ABS
Entry gland, front plate: PP + SEBS
Mechanism: PC
UV resistant
Resistance to salt spray: 7 days (168 hrs)

Self-extinguishing:

+ 850° C / 30 s for insulating parts holding live parts in place.
+ 650° C / 30 s for other parts made of insulating materials

■ 6.3 Electrical characteristics

Voltage: 250 V~
Frequency: 50 Hz

1400 W	1400 W	500 VA	500 VA	400 VA-40 µF	400 VA-40 µF

■ 6.4 Climatic characteristics

Storage temperatures: - 25° C to + 70° C
Operating temperature: - 5° C to + 40° C

7. CLEANING

Surface cleaning with a cloth.
Do not use: acetone, tar remover, trichloroethylene.

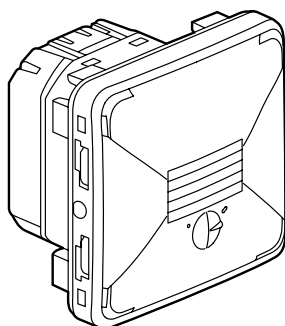
Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

8. STANDARDS AND APPROVALS

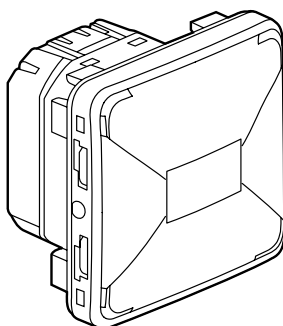
Compliance with standards of installation and manufacturing.
Refer to e. catalogue.

Plexo light-sensitive switch
Photoelectric cell

Cat. No(s): 695 17/18 - 696 17



695 17 - 696 17



695 18

CONTENTS

Page

1. Technical characteristics	1
2. Range	1
3. Installation	1-2
4. Dimensions	3
5. Operation	3
6. General characteristics	3-4
7. Maintenance	4
8. Specific utilisations	4

1. TECHNICAL CHARACTERISTICS

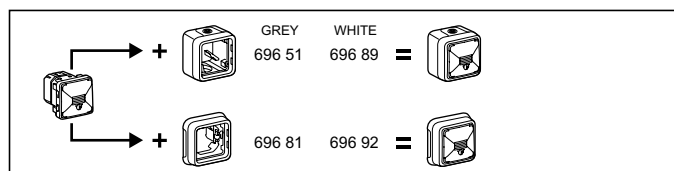
Weatherproof system designed for residential and professional technical rooms (i.e. garages, cellars, car parks, workshops, industrial kitchens, etc.) and outdoor environments (terraces, gardens, camp sites, etc.).
Light-sensitive switches: the light comes on at nightfall and goes out at dawn. one-piece unit with built-in cell.

Photoelectric cell: for use with modular light-sensitive switches (Cat. Nos 037 21/23/25), controls the switching on of light at nightfall and switching off at dawn.

2. RANGE

Cat. Nos	
695 17 696 17	grey module white module
695 18	grey module

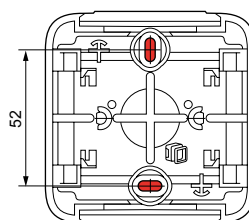
Designation	Catalogue numbers	Characteristics	Connection	Weight	
DRESSABLE		695 17 696 17	1400 W incandescent 400 VA fluorescent adjustable from 0.5 to 1500 lux	Screw terminals 2 x 1.5 mm ² 1 x 2.5 mm ²	80 g
		695 18		Screw terminals 2 x 1.5 mm ² 1 x 2.5 mm ²	80 g



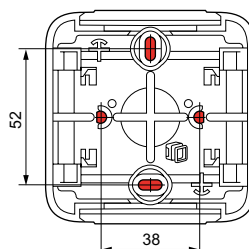
3. INSTALLATION

3.1 Surface mounting

- When back body is mounted on the support using two screws, diameter 3 mm to max. 4 mm.

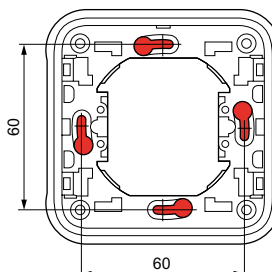


- Replaces former series Plexo 55

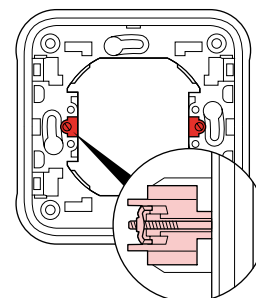


3.2 Recessed mounting

- Screw-mounted in recessed case



- Claw-mounted in recessed case



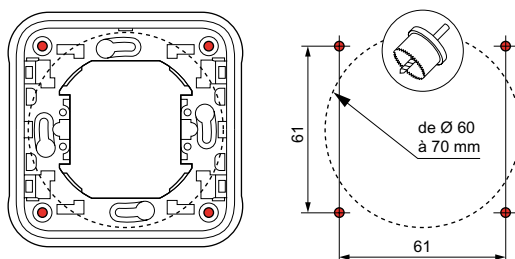
Claws usable for mounting:
Cat. no. 849 00 or
Cat. no. 849 01 (long claws)

Plexo light-sensitive switch Photoelectric cell

Cat. No(s): 695 17/18 - 696 17

3. INSTALLATION (continued)

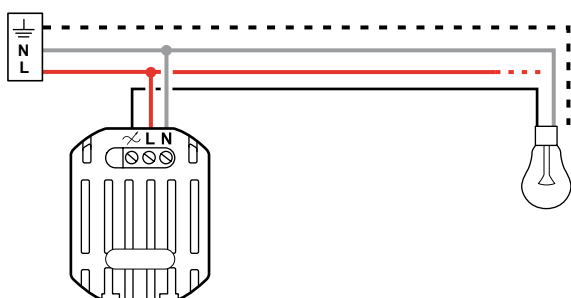
- Mounting on base plate using 4 screws, dia. 4 mm.
Opening cut in base-plate, diameter 60 mm to 70 mm using a hole saw or a punch dia. 60 to 70 mm.



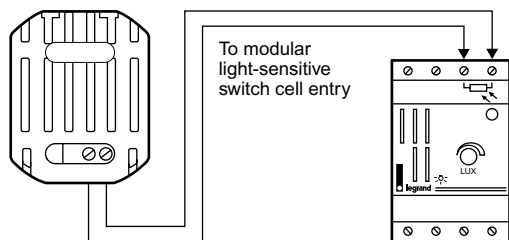
3.3 Connection to conductors

- Screw-terminal mechanism (flathead screwdriver, 3.5 mm blade)

3.3.1 695 17 - 696 17



3.3.2 695 18



Cat. Nos 037 21/23/25

3.4 Connection to conduits

Conduit types:

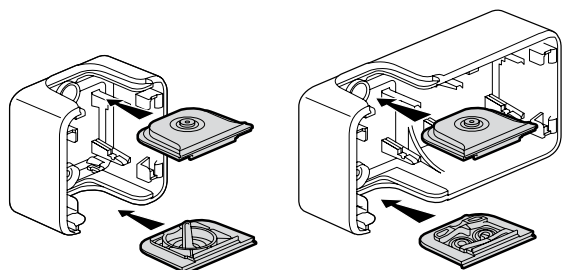
- Insulating rigid smooth tube
 - Insulating flexible bendable corrugated tube
 - Insulating flexible transversally bendable elastic corrugated conduit.
 - Insulating flexible transversally bendable elastic smooth conduit.
- Ø 16-25 mm

Cables (examples):

- rigid conductors: U - 1000R2V 3G2.5
- flexible conductors: H07 RN - F 3G2.5

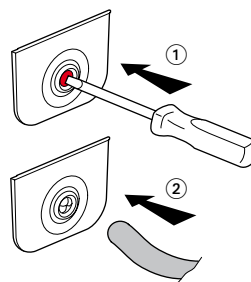
End pieces: flexible with membranes, 2 removable types.

- entry gland with 1 entry supplied with 1-gang boxes (top and bottom)
- entry gland with 1 entry supplied with 2-gang and 3-gang boxes (top)
- entry gland with 2 entries supplied with 2-gang and 3-gang boxes (bottom).

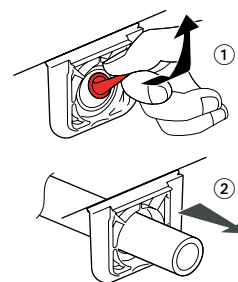


3.4 Connection to conduits (continued)

dia. 4 - dia. 15 mm



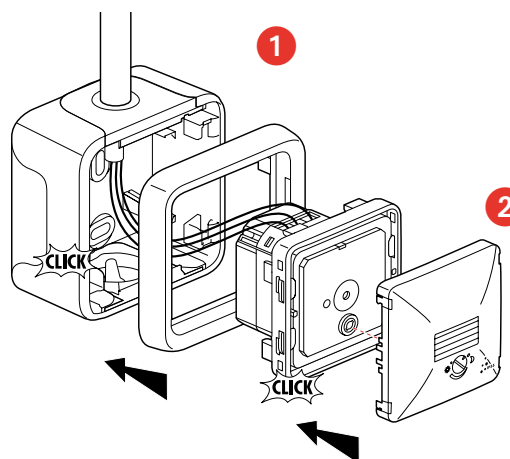
dia. 16/20/25 mm



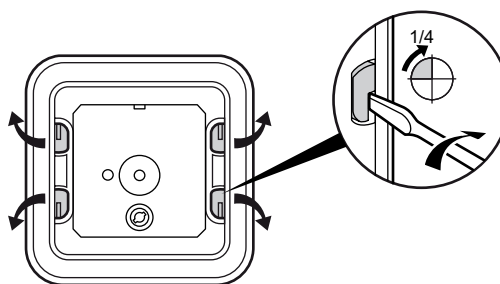
Also available as accessories:

- 695 96 grey entry gland 1 entry
- 695 99 grey entry gland 2 entries
- 696 46 white entry gland 1 entry
- 696 49 white entry gland 2 entries

3.5 Assembly



IP55 sealing of front part (cover) on the box is ensured by rotating four 1/4-turn fixings.

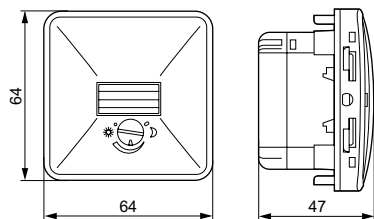


Plexo light-sensitive switch Photoelectric cell

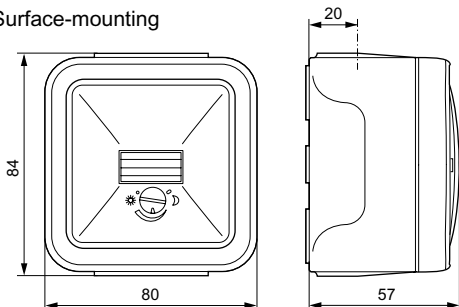
Cat. No(s): 695 17/18 - 696 17

4. OVERALL DIMENSIONS

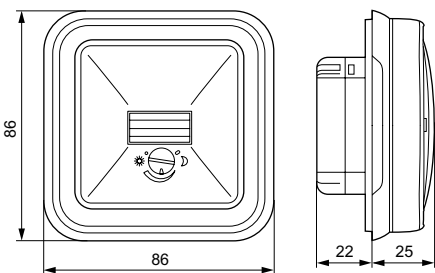
Dressable



Surface-mounting



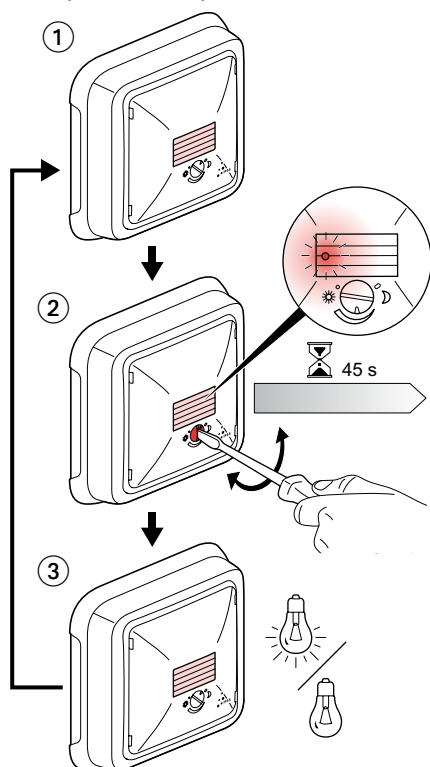
Flush-mounting



5. OPERATION

5.1 Luminosity setting (695 17 - 696 17)

- Luminosity threshold adjustable from 0.5 to 1500 lux.



6. GENERAL CHARACTERISTICS

6.1 Mechanical characteristics

Penetration of solids/liquids: IP 55 (C15-100) IK07

6.2 Materials characteristics

Materials

Box, support: PP (filled Polypropylene)

Plate, rocker: ABS (Acrylonitrile-Butadiene-Styrene)

Entry gland, front plate: PP + SEBS (Styrene-Ethylene-Butadiene-Styrene)

Mechanism: PC (Polycarbonate)

6.3 Resistance to chemical agents

	Characteristics
Acetone	-
Acetic acid, 10% solution	+
Acetic acid, $\geq 30\%$ solution	+
Aminosulfonic acid	-
Boric acid *	+
Hydrobromic acid, 47% solution	-
Hydrochloric acid*	-
Chromic acid	+
Citric acid*	+
Hydrofluoric acid*	-
Formic acid	-
Lactic acid *	+
Linoleic acid	-
Maleic acid	+
Nitric acid, 30 % solution	-
Nitric acid, 50 % solution	-
Perchloric acid, 10% solution	+
Phenol-sulfonic acid	-
Phosphoric acid*	-
Sulphuric acid	+
Tannic acid *	-
Tartaric acid *	+
Ethanol	+
Isopropyl alcohol	+
Methanol	-
Phenyl ethanol, 100% solution	-
Ammonia	+
Baths for electroplating:	
- Bright silver bath	+
- Bright cadmium bath	+
- Chromium bath (50°C)	+
- Copper bath (with potassium cyanide)	+
- Copper bath (acid)	+
- Cleaning bath with chemical copper plating	+
- Brass bath	+
- Bright nickel bath	+
Barium	
- Barium chloride*	+
- Barium hydroxide*	+
- Barium nitrate*	-
Benzene	-
Beer	+
Lime chloride *	+
Cobalt chloride *	-
Copper chloride *	-
Ferrous chloride *	-
Manganese chloride	-
Mercury chloride *	-
Methylene chloride	-
Chlorine vapour (damp gaseous chlorine)	-
Sea water	+
Fertiliser	+
Epichlorhydrine	-
Heavy spirit	-
Mineral spirit	-
Turpentine spirit	-
Essential oils	+
Linseed oil	+
Lubricating oil	+

Plexo light-sensitive switch

Photoelectric cell

Cat. No(s): 695 17/18 - 696 17

6. GENERAL CHARACTERISCS (continued)

6.3 Resistance to chemical agents (continued)

Machine oil	+
Mineral oil	+
Liquid paraffin	+
Fish oil	+
Castor oil	+
Silicone oil	+
Humus	+
Aqueous hydrogen sulphide	+
Sodium hypochlorite, 10% solution	+
Fruit juice	+
Milk	+
Chlorinated detergent	+
Margarine	+
Fuel oil	+
Mercury	+
Methyl methacrylate	-
Silver nitrate *	+
Cobalt nitrate *	+
Manganese nitrate *	+
Mercury nitrate *	+
Nickel nitrate *	+
Lead nitrate *	+
Oil, petroleum ether	-
Silicate (Potassium, Sodium)	+
Syrup (beetroot)	+
Sodium	
- Sodium acetate*	+
- Sodium bromate*	+
- Sodium chloride* (salt)	+
Caustic soda ≤ 40 % solution	+
Monomer styrene	-
Sugar	+
Trichloroethylene	-
Urine	+
Wine	+

* all concentrations in aqueous solution

Interpretation: + resistance - instability

No significant change after 7-day test with light intensity 550 W/m²
(Lab method colorimeter test).

6.4 Resistance to ultra-violet radiation

No significant change after 7-day test with light intensity 550 W/m²
(Lab method colorimeter test).

6.5 Resistance to salt spray: 7 days (168 hrs)

6.6 Electrical characteristics

- Voltage - Current - Frequency

10 AX-250 V~ 50 Hz according to NF EN 60669-1, NBN EN 60669-1 and IEC 60669-1

						
1400 W	1400 W	500 VA	500 VA	400 VA-40 µF	400 VA-40 µF	1 max. < 2 A

6. GENERAL CHARACTERISCS (continued)

- Self-extinguishing in accordance with IEC 60695-2-11:
Components (or parts) required to secure live parts: 850° C
Components (or parts) not required to secure live parts: 650° C

6.7 Climatic characteristics

Storage and operating temperature: - 25° C to + 60° C

7. MAINTENANCE

Surfaces may be cleaned using a cloth, either dry or with soapy water.
Do not use acetone, spirits or trichloroethylene.

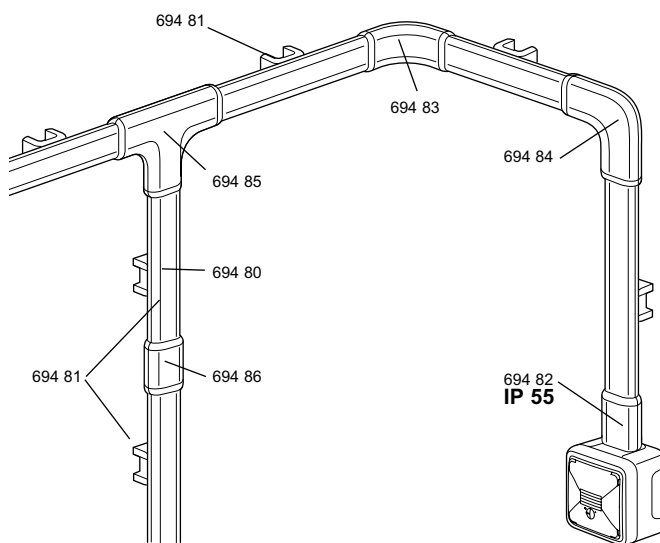
Caution: conduct preliminary tests before using any specific cleaning product.

8. SPECIFICS UTILISATIONS

Installations with profile.

The Plexo profile distribution system provides:

- Distribution, protection and branch connection of various wires and cables in an electrical installation.
- A profile, finishing and routing accessories (profile joint, weatherproof universal junction, flat angle, internal angle, external angle, branch connection, bracket).
- 4 new solution for installing weatherproof surface-mounting wiring devices in domestic and occasionally commercial technical premises.
- Optimum safety and reliability due to compliance with standard NFC 68-102 (IP 41, IK 07).



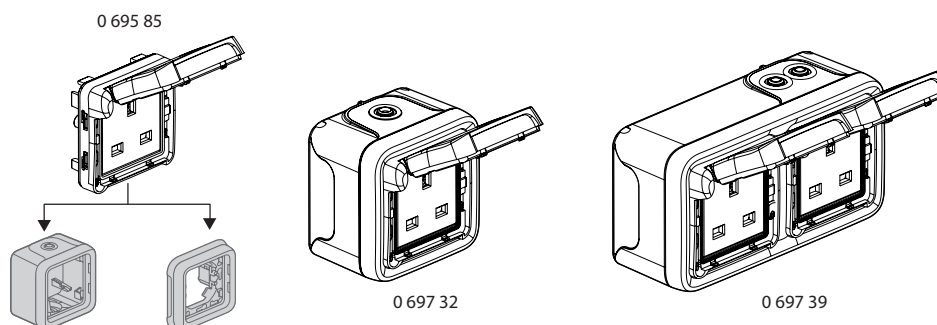
- Refer to the specific technical data sheet for Plexo profile, technical data sheet: F00386EN/00

Cat. Nos	Description
694 80	Plexo profile 2.00 m long capacity equivalent to an insulating rigid smooth tube, dia. 25 mm
694 81	Plexo profile bracket
694 82	IP55 weatherproof universal connection
694 83	Plexo profile internal/external angle
694 84	Plexo profile flat angle
694 85	Plexo profile tee
694 86	Plexo universal junction

Plexo™

Cat. No(s): 0 695 85 - 0 697 32/39

2 P+E socket outlets - British Standard



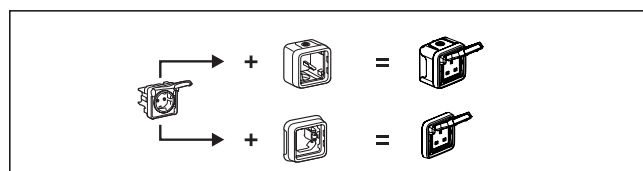
1. USE

2 P+E socket outlets with shutters.

Waterproof electrical equipment for residential and professional technical installations (garages, cellars, car parks, workshops, industrial kitchens, etc.) and outdoor environments (terraces, gardens, camp sites, etc.).

2. RANGE

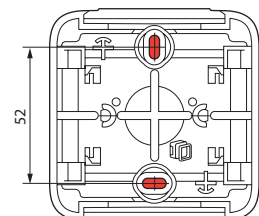
version : grey		References
Configurable		0 695 85
Surface-mounting complete		0 697 32 0 697 39



3. INSTALLATION

■ 3.1 Surface mounting

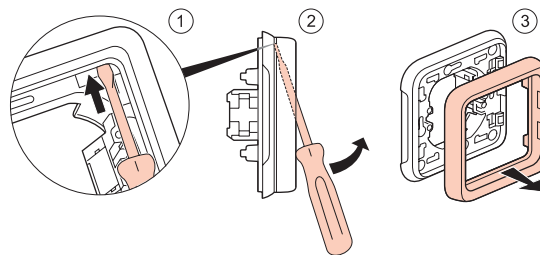
- Back body is mounted on the support using two screws, max. Ø 3 to 4 mm.



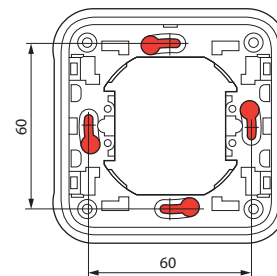
3. INSTALLATION (continued)

■ 3.2 Flush mounting

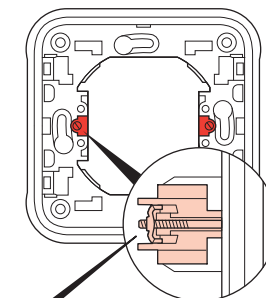
- Frame dismantling



- By screwing onto a flush-mounting box



- By claws onto a flush-mounting box

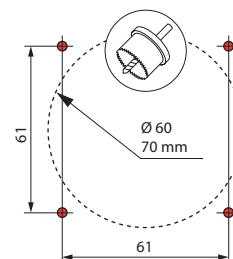
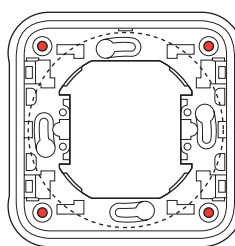


Possibility to place claws:
Cat. No. 0 849 00 or Cat. No. 0 849 01 (long claw)

- Screw-mounted in flush-mounting box.

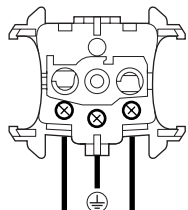
- Mounting on base plate using 4 screws, Ø 4 mm.

Opening cut in base-plate, Ø 60 - 70 mm using a circular saw or a punch



4. CONNECTION

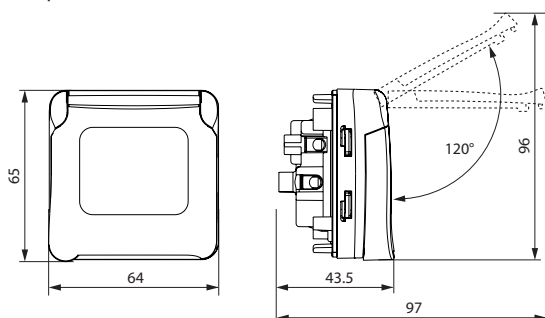
■ Connection to conductors



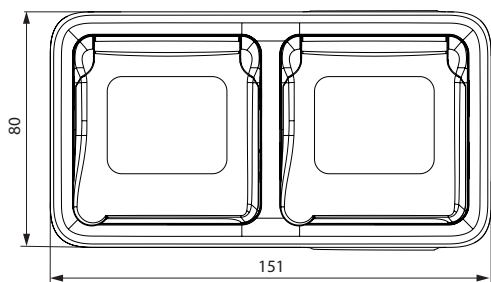
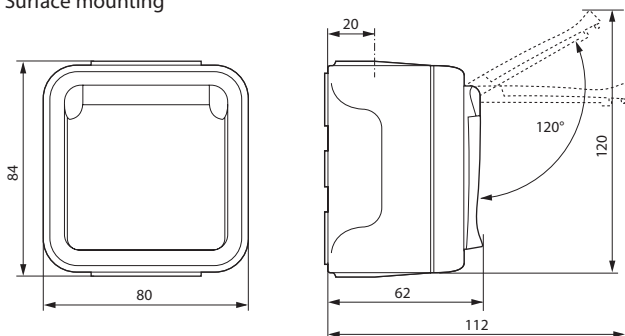
Type of terminals: with screws
 Terminal capacity: 2 x 4 mm².
 Screwdriver required: flat blade 2 to 4 mm.
 Stripping length: 9 mm.

5. DIMENSIONS (mm)

Composable



Surface mounting



Flush-mounting

6. GENERAL CHARACTERISTICS

■ 6.1 Protection index (shutter closed)

Protection against solid bodies and liquids: IP 55
 Protection against impact: IK 07

■ 6.2 Material characteristics

Box, support: PP (filled Polypropylene)
 Plate, flap: ABS
 Entry gland: PP + SEBS
 Mechanism: PC

6. GENERAL CHARACTERISTICS (continued)

UV resistant.

Resistance to salt spray: 7 days (168 h)

Self-extinguishing:

+ 850°C / 30 s for insulating components holding in place live parts.
 + 650°C / 30 s for the other insulating components.

■ 6.3 Electrical characteristics

Current: 13 A

Voltage: 250 V~

Frequency: 50 Hz

■ 6.4 Climatic characteristics

Storage temperature: - 25° C to +70° C

Use temperature: - 25° C to + 40° C

7. CLEANING

Surfaces may be cleaned using a cloth, either dry or with soapy water.
 Do not use acetone, spirits or trichloroethylene.

Caution: Conduct preliminary tests before using any specific cleaning product.

8. COMPLIANCES AND APPROVALS

Compliance with standards of installation and manufacturing.
 Refer to e.catalogue.

CAT. N° 4 126 26



PROGRAMMABLE LIGHT SENSITIVE SWITCH

Pack (number of units)	1
Volume (dm ³)	1,302
Weight (g)	276,00

Product characteristics

Programmable

- 56 programmes possible : daily, weekly or yearly programmes
- Output 16 A - 250 V~ - ? cos ? = 1
- 2000 W incandescent
- 2000 VA series compensated fluorescent
- 1000 W energy-saving bulb
- Integrated hour counter
- High precision clock : + 0.1 sec per day at 25°C
- Working reserve : 5 years
- Adjustable from 3 to 100 000 lux
- Automatic changeover between summer/winter time
- Number of modules: 2
- Programmed directly on keypad, or using programme transfer key Cat.No 4 128 72
- Supplied with IP 65 photoelectric cell Cat.No 4 128 60

General characteristics

Light sensitive switches

- Can be used to switch a lighting circuit "ON" and "OFF" based on light conditions (nightfall, daybreak)
- Supplied with IP 65 weatherproof photoelectric cell
- Power supply: 230 V~ - 50/60 Hz

Documentation



Catalogue pages & additional information

- [Description page \(p.094\)](#)
- [Dimensions of din-rail equipment](#)
- [Light sensitive switches](#)

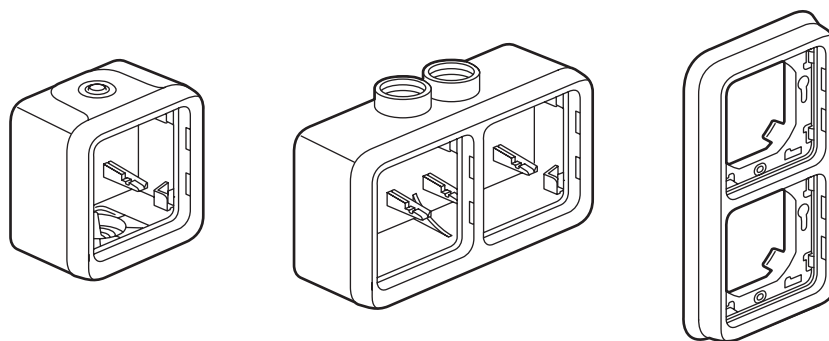


Installation instructions & related documents

- [292716GB-06](#)

Plexo composable Plate supports and boxes

Cat. No(s): 0 696 51/52/55/56/61/64/68/72/74/78/79/80
0 696 81/83/85/87/89/90/91/92/94/96/98
0 707 41/42/43/49/92/94



1. USE

Weatherproof wiring device system designed for residential and professional technical locations (garages, cellars, car parks, workshops, etc) as well as for outdoor applications (patios, gardens, camp sites, etc). Antimicrobial version products are made of silver-ion based antimicrobial* material.

This technology eliminates bacteria, fungi and viruses without creating any immunisation or resistance effects (physical, rather than chemical, destruction).

Particularly suitable for healthcare establishments (hospitals, clinics, nursing homes, laboratories, waiting rooms, etc.) and more generally for areas subject to hygiene restrictions (industrial, shared and restaurant kitchens, waste, etc.).

These products offer an additional way of ensuring the non-proliferation of bacteria, fungi and viruses without interfering with cleaning protocols. Boxes with entry glands or cable glands and supports supplied with plate. Can take composable mechanisms. Boxes supplied with Nylbloc auto 2 conductor connection terminals, for future tap connections.

2. RANGE

COMPOSABLE SURFACE MOUNTING	Description	Cat. No.
	 1 gang 2 entries	0 696 51/55** 0 696 89 0 707 41*
	 2 gang horizontal 2 entries	0 696 72 0 696 90 0 707 42*
	 2 gang vertical 2 entries	0 696 61 0 696 91 0 707 43*
	 3 gang horizontal 3 entries	0 696 80
CABLE GLAND BOXES	 3 gang vertical 2 entries	0 696 79
	 1 gang 1 entry	0 696 52 0 696 56
	 2 gang horizontal 2 entries	0 696 74 0 696 78
	 2 gang vertical 2 entries	0 696 64 0 696 68

COMPOSABLE FLUSH MOUNTING	Description	Cat. No.
	 1 gang	0 696 81 0 696 92 0 707 92*
	 2 gang horizontal	0 696 83 0 696 94 0 707 94*
	 2 gang vertical	0 696 85 0 696 96 0 707 49*
	 3 gang horizontal	0 696 87 0 696 98

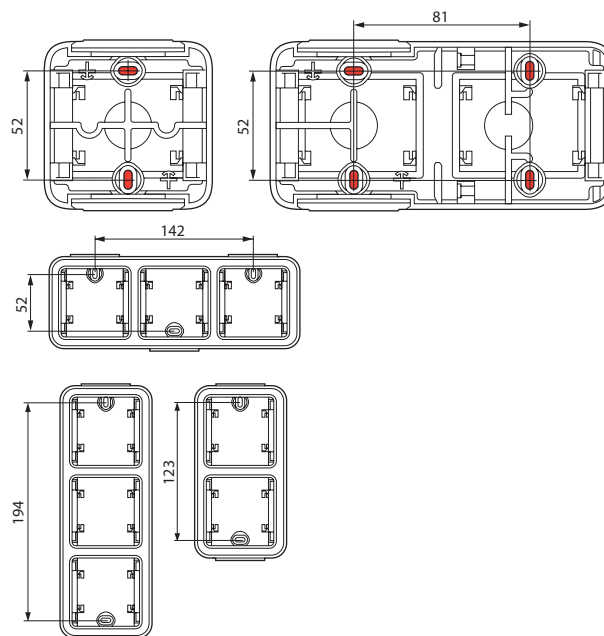
Cat. No.	2 versions grey and white
0 695 xx 0 696 xx	Composable
0 697 xx 0 698 xx	Complete surface mounting Complete flush mounting

*Antimicrobial version
**1 low endpiece, 2 outputs

3. INSTALLATION

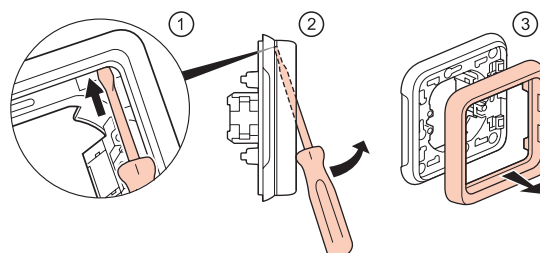
■ 3.1 Surface mounting

- By screwing back box onto support using Ø 3 mm - Ø 4 mm max. screws.



■ 3.2 Flush mounting

- Unclip plate



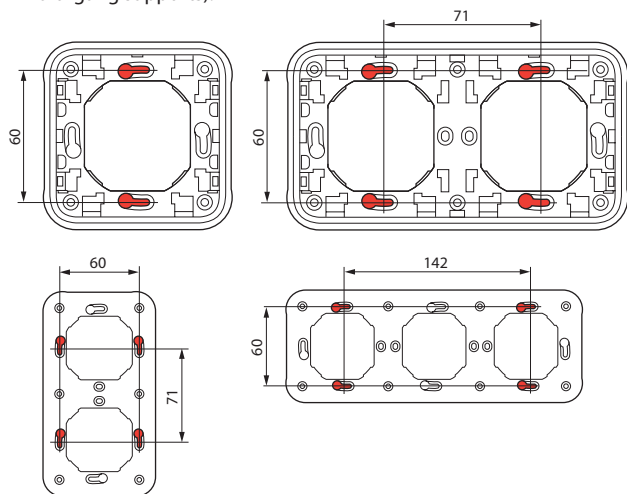
Plexo composable Plate supports and boxes

Cat. No(s): 0 696 51/52/55/56/61/64/68/72/74/78/79/80
0 696 81/83/85/87/89/90/91/92/94/96/98
0 707 41/42/43/49/92/94

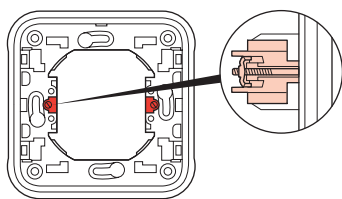
3. INSTALLATION (continued)

- With screws on flush mounting box

Use of Batibox™ flush mounting boxes (centre distance 71 mm for multi-gang supports).



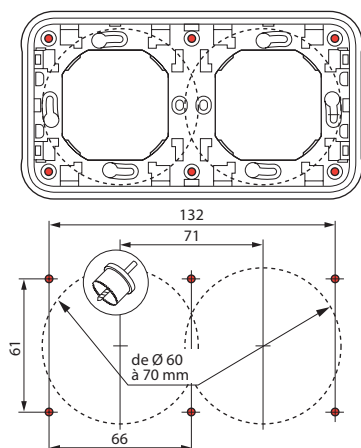
- With claws on flush mounting box



Claws can be fitted:
Cat. No. 0 849 00 or
Cat. No. 0 849 01 (long claws)

- On solid faceplate using Ø 4 mm screws.

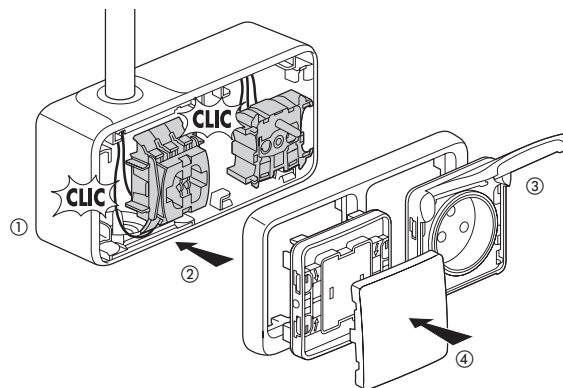
Drill support material (diameter 60 - 70 mm) using hole saw or hole punch.



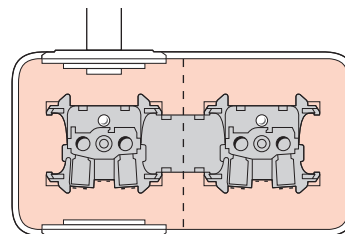
3. INSTALLATION (continued)

■ 3.3 Assembly

- Composable motors mounted by clipping into the back of the box.

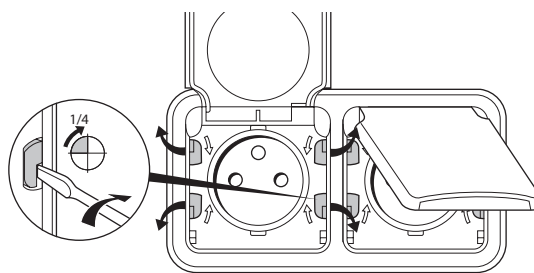


- Removing the partitions from two and three gang boxes facilitates access and allows two and three gang prewired socket mechanisms to be fitted..



- IP55 sealing on front part (cover) on the box is ensured by rotating four 1/4 turn fixings.

The direction of rotation of each 1/4 turn fixing is shown by an arrow on the cover.

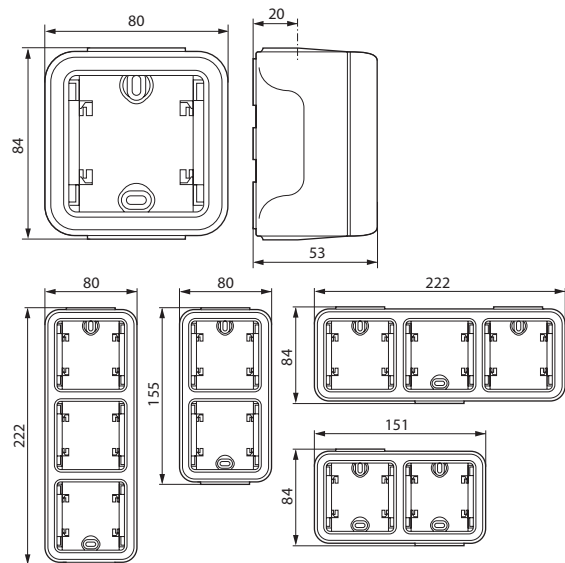


Plexo composable Plate supports and boxes

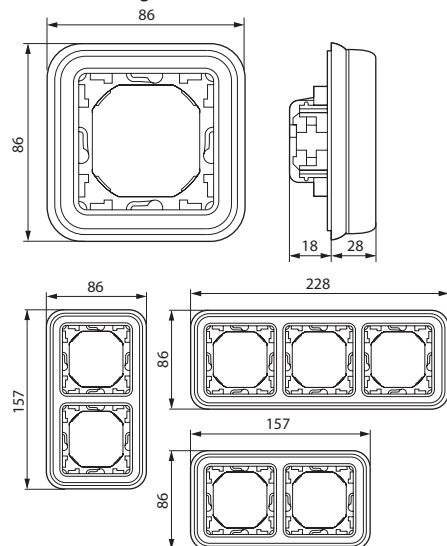
Cat. No(s): 0 696 51/52/55/56/61/64/68/72/74/78/79/80
0 696 81/83/85/87/89/90/91/92/94/96/98
0 707 41/42/43/49/92/94

4. OVERALL DIMENSIONS (mm)

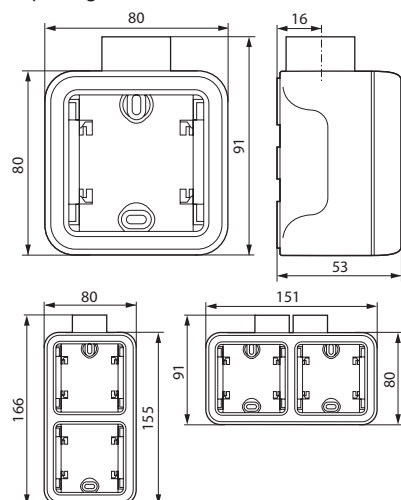
Surface mounting



Flush mounting



Replacing former Plexo 55 series.



5. TECHNICAL CHARACTERISTICS

■ 5.1 Material characteristics

Box, support: PP (filled Polypropylene)

Plate: ABS

Entry gland: PP + SEBS

UV resistant

Resistance to salt spray: 7 days (168 hrs)

Self-extinguishing:

+ 850°C / 30 s for insulating components holding in place live parts.

+ 650°C / 30 s for the other insulating components.

■ 5.2 Climatic characteristics

Storage temperature: - 25° C to + 70° C

Use temperature: - 25° C to + 40° C

6. CLEANING

Surface cleaning with dry cloth or cloth dipped in soapy water.

Do not use acetone, tar remover or trichloroethylene.

Antimicrobial products:

Resistance to hospital-type cleaning products: Anios, Surfanios, Bactily-sine, Hydrogen Peroxide (35 %).

Caution: A test should be carried out before using any specific cleaners.

7. STANDARDS AND APPROVALS

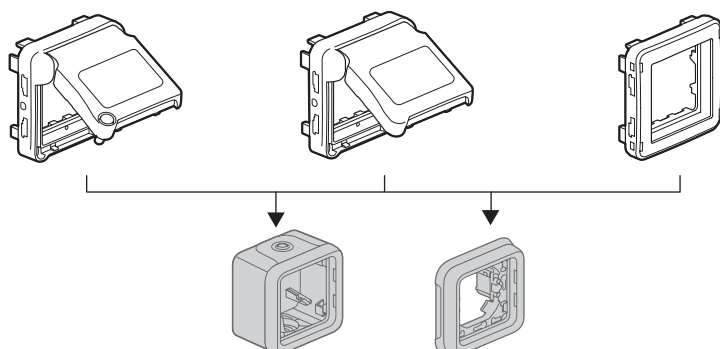
Compliant with installation and manufacturing standards.

Refer to e-catalogue.

* Contains a silver compound to antagonize the growth of bacteria on the surface.

Plexo / Mosaic™ adaptors

Cat. No(s) : 695 79/80/82



CONTENTS

Page

1. Technical characteristics	1
2. Range	1
3. Mosaic™ mechanisms	1
4. Installation	5
5. Dimensions	6
6. General characteristics	7
7. Maintenance	8
8. Lid protection	8
9. Specific uses	8
10. Equipment and accessories	8

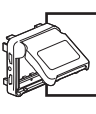
1. TECHNICAL CHARACTERISTICS

Weatherproof wiring device system designed for residential and professional technical locations (garages, cellars, car parks, workshops and industrial kitchens, etc) as well as for outdoor applications (patios, gardens, camp sites, etc).

These three adaptors with or without lid (IP 20 or IP 55) give access to more than 90 different mechanisms in the Mosaic™ programme, while maintaining the characteristics of the Plexo range. They can be flush or surface mounted on all one-gang, multi-gang and cable gland boxes in the Plexo range.

2. RANGE

	Commercial Cat. No.	Description	IP	Weight
Composable	695 79	Adaptor with opaque lid lockable with special tool Cat. No. 91945(grey/white)	55	40 g
	695 80	Adaptor with opaque lid (grey/white)	55	36 g
	695 82	Adaptor without lid (grey/white)	20	22 g

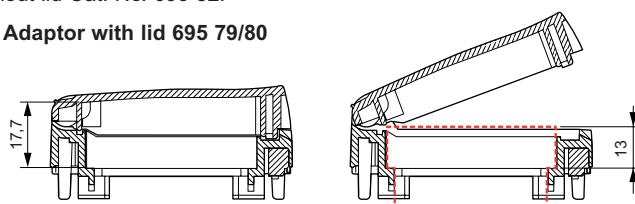
	Grey 696 51	White 696 89	=	
	696 81	696 92	=	

3. MOSAIC™ MECHANISMS

3.1 Adaptor without lid 695 82

All 2 module Mosaic™ mechanisms are compatible with the adaptor without lid Cat. No. 695 82.

3.2 Adaptor with lid 695 79/80



Only compatible with Mosaic™ products with front, and not rear, mounted centre plate.

Compatible with all mechanisms where the height under the lid is 17.7 mm on the hinge side and 13 mm on the lid opening side.

Products which are not compatible are shown with * or ** (pages 2 and 4).

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms

Switches 10 AX - 250 V~

White centre plate

770 11		2-way switch 10 AX
770 12		2-way switch 10 AX with LED indicator ⁽¹⁾
770 21		Intermediate switch 10 AX

Aluminium centre plate

792 11		2-way switch 10 AX
792 12		2-way switch 10 AX with LED indicator ⁽¹⁾

Switches 20 AX - 250 V~

770 50		Double pole switch 20 AX
770 52		Double pole switch 20 AX with LED indicator ⁽²⁾

Push-buttons 6 A - 250 V~

Fast connection with automatic terminal blocks - no tool required

White centre plate

770 40		Push-button 6 A
770 41		Changeover push-button 6 A
770 42		Changeover push-button 6 A with LED indicator ⁽¹⁾
770 43		Changeover push-button 6 A with label holder

Aluminium centre plate

792 40		Push-button 6 A
792 42		Changeover push-button 6 A with LED indicator ⁽¹⁾

⁽¹⁾ For the indicator function, use indicator LEDs Cat. No. 676 68

For the lighting function, use lighting LED Cat. No. 676 66 for 230 V and 676 67 for 12, 24 and 48 V.

⁽²⁾ For indicator or lighting functions, use Cat. No. 676 64.

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Motion-sensitive switch 10 AX

766 66



Used to control light sources, simply by a hand movement near the switch. Particularly suitable for applications in medical environments

Dimmers 110-250 V~ - 50 Hz

With on/off buttons and an independent +/- dimmer button.

Can be controlled remotely by parallel wired push-buttons or used in a 2-way arrangement in connection with a switch.

Previously set lighting level will be restored.

Fit into box depth 40 mm min.

Without neutral, 2 wires, 400 W

Used to control lamps :

- up to 400 W for incandescent or 230 V~ for halogen
- up to 400 VA, halogen lamps with ferromagnetic or electronic transformer.

784 01



White centre plate

792 04



Aluminium centre plate

Dimmer 0-10 V

784 04



With on/off buttons and an independent +/- dimmer button.

Used to switch on, off and dim fluorescent tubes with electronic ballast 0-10 V

Max control current : 40 mA

Max power : 600 VA

Fit into box depth 50 mm recommended.

Programmable time switch

With 20 hour working reserve

Capacity : 8 weekly programmes

Temporary or permanent override

1 outlet - 16 A - 250 V~ cos φ = 1

1 changeover contact

Used to program a circuit with loads :

- 1200 W incandescent and 230 V~ halogen
- 1800 VA fluorescent Ø26 or 38 mm and halogen lamps with ferromagnetic or electronic transformer
- 1800 W motors (ventilation only)
- 3600 W resistive (heating only).

784 25



Controlled mechanical ventilation control

770 27



Fast connection with automatic terminal blocks - no tool required

2-way switch for direct control of controlled mechanical ventilation 10 AX - 250 V~

Single-pole relay

766 90



Used to relay low power cut-off functions near to the application

Resistive : 3000 W, Incandescent : 1800 W

Halogen : 1800 W, Fluorescent : 400 VA

Motors (electric shutter type) : 530 W

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Key operated switches for Self-contained emergency lighting units

766 30



Used to increase number of control points
Must be used in conjunction with Cat. No. 039 00
Simultaneously cuts off lighting circuits and resets emergency lighting units to stand-by.

Key operated switch

2-position switch - European barrel

770 74**



2 NO contacts 6 A - 250 V~

Key can be removed in both positions

To be fitted with standard European barrel or barrel Cat. No. 697 95

3-position push-button - European barrel

770 75**



Inverter with off position 6 A - 250 V~

To be fitted with standard European barrel or barrel Cat. No. 697 95

Switches for electric shutters

For direct control (raise/lower/stop) of shutter, blind or awning motor 500 W max

770 26



Switch white centre plate

792 26



Switch aluminium centre plate

Push-buttons for electric shutters

For direct or automatic control of shutter, blind or awning motor 500 W max

770 25



Push-button white centre plate

792 25



Push-button aluminium centre plate

PLC control for electric shutters and blinds

Used to control zones of shutters individually or centrally (raise/lower/stop)

For all types of shutter motor with mechanical or electronic stop

Mains connection 230 V~

Operation by PLC and infrared

Fit into box depth 40 mm

White centre plate

Individual control

770 23



Direct control of a shutter motor 500 W max (raise/lower/stop)

Can be controlled remotely from the same room or another room by up to 16 centralised switches Cat. No. 770 24

Centralised control

770 24



Used to control (raise/lower/stop) a zone containing as many individual switches Cat. No. 770 23 as required

Fitted with two raise and lower auxiliary inputs for control by dry contact from a time switch, dusk-to-dawn switch, etc.

** For flush mounting assembly only, depth: 50 mm
With adaptor without lid.

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Single multi-support socket outlets

For fitting in flush mounting box, surface mounting surround, floor unit, column outlet unit, feed unit, office outlet unit
Connection with automatic terminal blocks (except where stated otherwise).

771 11		2P+E straight
771 13		2P+E straight with special tap connection and 4 mm², screw terminals
771 45		2P+E angled at 45°
792 71		2P+E straight aluminium centre plate
771 14		2P+E straight foolproof, screw terminals
771 10		2P
771 32		Socket outlet with flush holes to facilitate cleaning and avoid dirt accumulation
771 12		2P+E with indicator ⁽¹⁾
771 15		2P+E foolproof with indicator ⁽¹⁾ , screw terminals
771 16		2P+E green
771 17		2P+E orange
771 18		2P+E red

⁽¹⁾ Indicator Cat. No. 676 64 supplied with product

International standard socket outlets

German

Mainly used in: Germany, Spain, Greece, Portugal, etc.

772 13		2P+E with special 4 mm² screw terminals and tap connection
772 14		2P+E with special 4 mm² screw terminals and tap connection

Euro-US

775 02		2P+E
--------	---	------

US

775 04		2P+E 15 A
--------	---	-----------

British

775 05		2P+E 13 A
--------	---	-----------

Italian

775 12		2P+E 16 A P30
--------	---	---------------

Swiss

775 06		2P+E type 13
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3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Telephone sockets

8 contact socket

787 38		Takes test module (RC) Cat. No. 512 48
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RJ 11 and RJ 12 sockets

Fitted with a modular jack connector with 1/4 turn terminal block for fast connection.
Tap connection possible

787 31		RJ 11, 4 contacts
787 32		RJ 12, 6 contacts

ISDN socket

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

787 34		8 contacts, earth terminal 2.5 mm²
--------	---	------------------------------------

RJ 45 10^{GIGA} sockets

For LCS 10^{GIGA} Legrand cabling system

786 41		STP/FTP - 9 contacts, shielded folded metal
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RJ 45 Cat. 6 sockets

Cat. 6 STP

786 31		STP - 9 contacts, shielded metal cover
786 33		STP - 9 contacts, shielded Zamak
786 32		STP - 9 contacts, shielded folded metal, socket at 90°

Cat. 6 FTP

786 91		FTP - 9 contacts
792 91		FTP - 9 contacts, aluminium finish
786 92		FTP - 9 contacts, socket at 90°

Cat. 6 UTP

786 61		UTP - 8 contacts
792 61		UTP - 8 contacts, aluminium finish
786 62		UTP - 8 contacts, socket at 90°

RJ 45 Cat. 5e sockets

Cat. 5e FTP

786 81		FTP - 9 contacts
--------	---	------------------

Cat. 5e UTP

786 51		UTP - 8 contacts, 2 modules
--------	---	-----------------------------

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Television and satellite sockets

- 787 82**  TV socket dia 9.52 mm male 0 - 2400 MHz
- 787 80**  TV socket type "F" screw-in 0 - 2400 MHz
- 787 86**  TV/FM/SAT socket

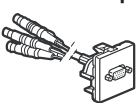
Video sockets

Connection by 1 mm² cross-section screw terminal block

HD15 female

- 787 57**  Used to connect VGA, XGA or VESA, PC monitor, plasma screen, video projector, graphics pad, etc.

HD15 adaptor + 5 BNC pre-connected

- 787 59**  VGA adaptor, HD15 female base to 5 BNC female 75 Ω sockets
Recommended cable : coaxial KX6
Max cable length : 25 m (VGA amplifier recommended for longer lengths)

Audio sockets

Loudspeakers

- 787 51**  2 module speaker socket - 4 mm² terminal block

XLR 3 pole

Used for stereo connections of any peripherals, microphone, amplifier, mixing desk, etc.

- 787 65**  Female Neutrik

- 787 56**  Male Neutrik

Speakon 4 contacts

- 787 60**  Used to connect power speakers
Recommended cable : audio single pair 2.5 mm²
Max cable length : 50 m (audio amplifier recommended for longer lengths).

SUB D socket

- 787 65**  9 contacts with screw connector for RS 232 type serial connection
- 787 67**  9 contacts with solder connector for RS 232 type serial connection
- 787 66**  15 contacts with solder connector, e.g. for special X21 type line between two remote units.

Fibre optic equipment

Fitted with 2 input / 2 output duplex feedthroughs

Fibre optic feedthrough socket 2 x ST

- 786 16***  Bayonet connection (STII compatible)

Fibre optic feedthrough socket 2 x SC

- 786 17***  "Push-pull" connection

Fibre optic feedthrough socket 2 x LC

- 786 18***  "Push-pull" connection

* For assembly with adaptor without lid only

3. MOSAIC™ MECHANISMS (cont.)

3.3 Compatible Mosaic mechanisms (cont.)

Proximity MCB

Locally protects part of a circuit against overloads and short-circuits
Breaking capacity : 3000 A - NF C 61-410 (10/16 A) 1500 A - NF C 61-410 (6 A).

MCB Single pole + Neutral 230 V~

- 775 21**  10 A
- 775 22**  16 A

RCBO Single pole + Neutral 230 V~

The residual current device provides additional protection for people (rooms with conducting floors, presence of water, etc) against direct contact with live parts or earth leakages.
Nominal earth leakage current : 30 mA

- 775 31**  10 A
- 775 32**  16 A

Copper feedthroughs

Cat. 6 FTP

- 786 23***  FTP - 9 contacts
- 786 27***  FTP - 9 contacts, aluminium finish

Cat. 6 UTP

- 786 22***  UTP - 8 contacts
- 786 26***  UTP - 8 contacts, aluminium finish

Cat. 5e FTP

- 786 21***  FTP - 9 contacts
- 786 25***  FTP - 9 contacts, aluminium finish

Cat. 5e UTP

- 786 20***  UTP - 8 contacts
- 786 24***  UTP - 8 contacts, aluminium finish

Class A buzzer

- 415 07**  Complies with standard EN 54-3 certified NF
Possibility of continuous or AGS sound
12 - 48 V supply = +/- 10%
Sound power at 2 m : 70 dB
Average power consumption : 12 V = 5 mA, 24 V = 9 mA, 48 V = 17 mA

Bells and sounders

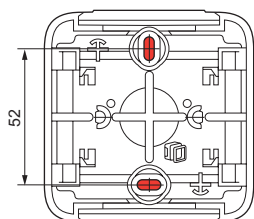
- 766 40**  8 V~ - 50/60 Hz
Power consumption : 370 mA
Sound level : 70 dB at 1 m
- 766 41**  230 V~ - 50/60 Hz
Power consumption : 25 mA
Sound level : 70 dB at 1 m
- 766 42**  Bell with electronic tone
12-24-48 V DC
Power consumption : 5-9-17 mA
Depending on power supply
Sound level : 80 dB at 1 m

* For assembly with adaptor without lid only

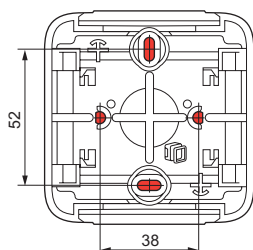
4. INSTALLATION

4.1 Surface mounting

- by screwing back box onto support using two Ø 3 mm - Ø 4 mm max. screws

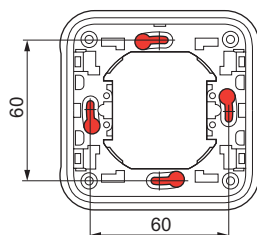


- Replaces former Plexo 55 series

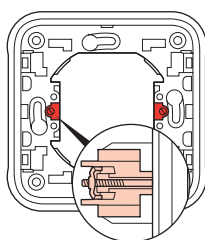


4.2 Flush mounting

- with screws on flush box



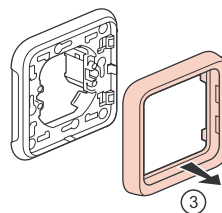
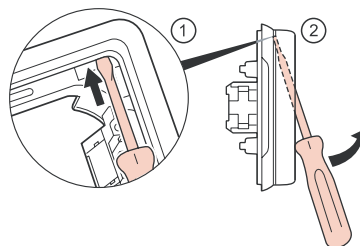
- with claws on flush box



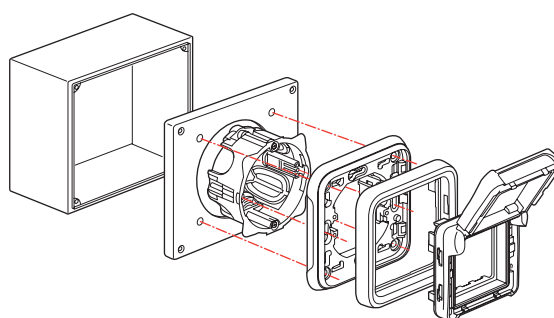
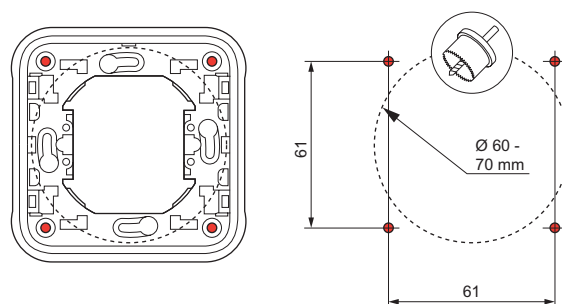
Claws can be added : Cat. No. 849 00 or
Cat. No. 849 01 (long claws)

4. INSTALLATION (cont.)

4.2 Flush mounting (cont.)



- On solid faceplate (without accessories) using 4 x Ø 4 mm screws on metal or plastic cabinets.
Drill support material (diameter 60 - 70 mm) using circular saw or hole punch.



4. INSTALLATION (cont.)

4.3 Conduit connection

Type of conduit :

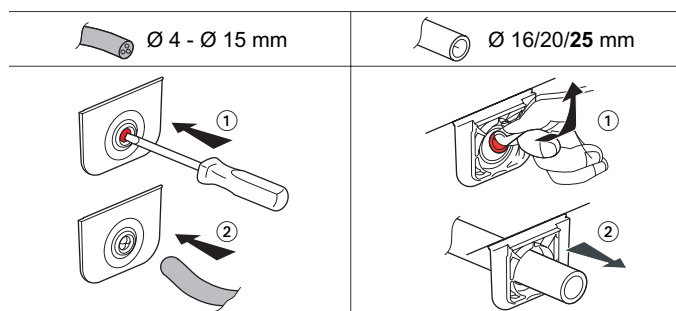
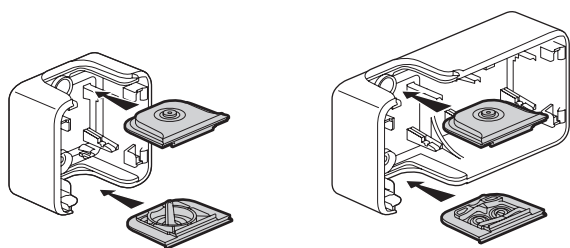
- IRL : formerly IRO, insulating rigid smooth tube
 - ICA : insulating flexible bendable corrugated tube
 - ICTA : insulating flexible transversally bendable elastic corrugated conduit
 - ICTL : insulating flexible transversally bendable elastic smooth conduit
- } Ø16 - 25 mm

Cables (examples) :

- rigid conductors : U - 1000R2V 3G2.5
- flexible conductors : H07 RN - F 3G2.5

Type of entry gland : flexible with membrane, 2 removable types.

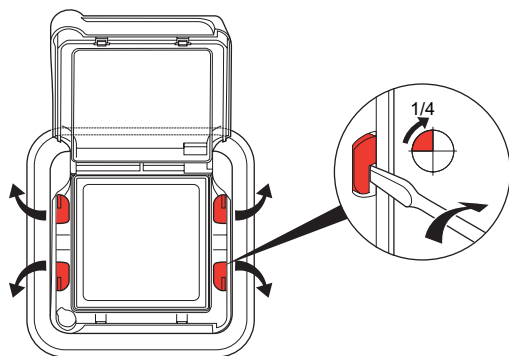
- entry gland with 1 entry supplied with 1-gang box (top and bottom)
- entry gland with 1 entry supplied with 2-gang and 3-gang boxes (top)
- entry gland with 2 entries supplied with 2-gang and 3-gang boxes (bottom)



Also available as accessories :

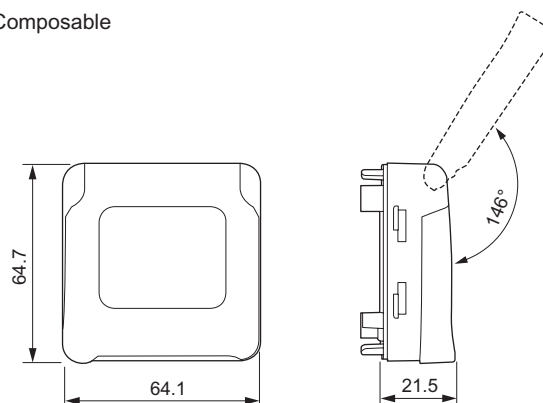
- 695 96 grey entry gland 1 entry
- 695 99 grey entry gland 2 entries
- 696 46 white entry gland 1 entry
- 696 49 white entry gland 2 entries

IP55 sealing of the front part (cover) on the box is ensured by rotating four 1/4 turn fixings.

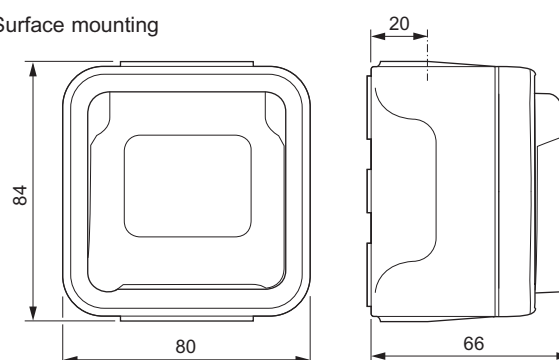


5. DIMENSIONS

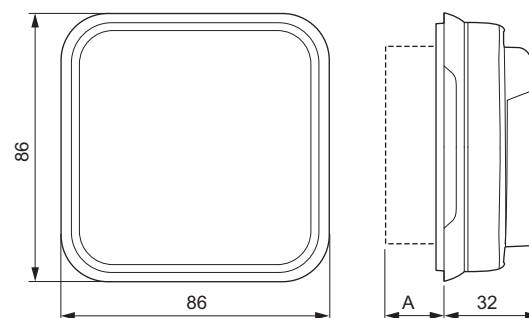
Composable



Surface mounting



Flush mounting



A : Variable depending on depth of Mosaic™ product

6. GENERAL CHARACTERISTICS

6.1 Mechanical characteristics

Protection rating :

- IP 55 IK 07 695 79/80

- IP 20 695 82

6.2 Material characteristics

Materials

Box, support : PP (filled Polypropylene)

Plate : ABS (Acrylonitrile-Butadiene-Styrene)

Entry gland, centre plate : PP + SEBS (Styrene-Ethylene-Butadiene-Styrene)

Transparent lid : PC (Polycarbonate)

6.3 Resistance to chemicals

	Behaviour
Acetone	-
Acetic acid 10 %	+
Acetic acid 30 %	+
Aminosulphonic acid	-
Boric acid *	+
Hydrobromic acid 47 %	-
Hydrochloric acid *	-
Chromic acid	+
Citric acid *	+
Hydrofluoric acid *	-
Formic acid	-
Lactic acid *	+
Linoleic acid	-
Maleic acid	+
Nitric acid 30 %	-
Nitric acid 50 %	-
Perchloric acid 10 %	+
Benzenesulphonic acid	-
Phosphoric acid *	-
Sulphuric acid	+
Tannic acid *	-
Tartaric acid *	+
Ethanol	+
Isopropyl alcohol	+
Methyl alcohol (methanol)	-
Phenylethylalcohol 100 %	-
Ammonia	+
Baths for electroplating :	
- Bright silver bath	+
- Bright cadmium bath	+
- Chromium plating bath (50° C)	+
- Copper bath (with potassium cyanide)	+
- Copper bath (acid)	+
- Pickling bath with chemical copper plating	+
- Brass bath	+
- Bright nickel bath	+
Barium	
- Chlorure de baryum *	+
- Barium hydroxide *	+
- Barium nitrate *	-
Benzene	-
Beer	+
Calcium hypochlorite *	+
Cobalt chloride *	-
Cupric chloride *	-
Ferrous chloride *	-
Manganese chloride	-
Mercuric chloride *	-
Methylene chloride	-
Chlorine water (wet gaseous chlorine)	-
Sea water	+
Fertiliser	+
Epichlorohydrin	-
Heavy gasoline	-
White spirit	-
Turpentine	-

6. GENERAL CHARACTERISTICS (cont.)

6.3 Resistance to chemicals (cont.)

Essential oils	+
Linseed oil	+
Lubricating oil	+
Machine oil	+
Mineral oil	+
Paraffin oil	+
Fish oil	+
Castor oil	+
Silicon oil	+
Humus	+
Aqueous hydrogen sulphide	+
Hypochlorite of soda 10 %	+
Fruit juice	+
Milk	+
Chlorinated lye	+
Margarine	+
Fuel oil	+
Mercury	+
Methyl methacrylate	-
Silver nitrate *	+
Cobalt nitrate *	+
Manganese nitrate *	+
Mercuric nitrate *	+
Nickel nitrate *	+
Lead nitrate *	+
Pétrole, éther de pétrole	-
Petroleum, petroleum ether	+
Silicate (Potassium, Sodium)	+
Syrup (beetroot)	
Sodium	
- Sodium acetate*	+
- Sodium bromate*	+
- Sodium chloride* (salt)	+
Caustic soda 40 %	+
Monomer styrene	-
Sugar	+
Trichlorethylene	-
Urine	+
Wine	+

* all concentrations in aqueous solution

Key : + resistant - unstable

This information is given as a guideline only and cannot be construed as an undertaking on the part of the manufacturer.
Please contact us for specific uses.

6.4 Resistance to ultraviolet radiation

No notable alteration following the 7 day test with 550 W/m² power lighting (Colorimetric measurement using Lab method).

6.5 Resistance to salt spray : 7 days (168 h)

6.6 Climatic characteristics

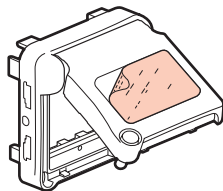
Storage and operating temperature : - 25°C to + 60°C

7. MAINTENANCE

Clean surface with dry cloth or cloth soaked in soapy water.
Do not use acetone, tar remover or trichlorethylene
Warning : a prior test is required before using specific cleaning products.

8. LID PROTECTION

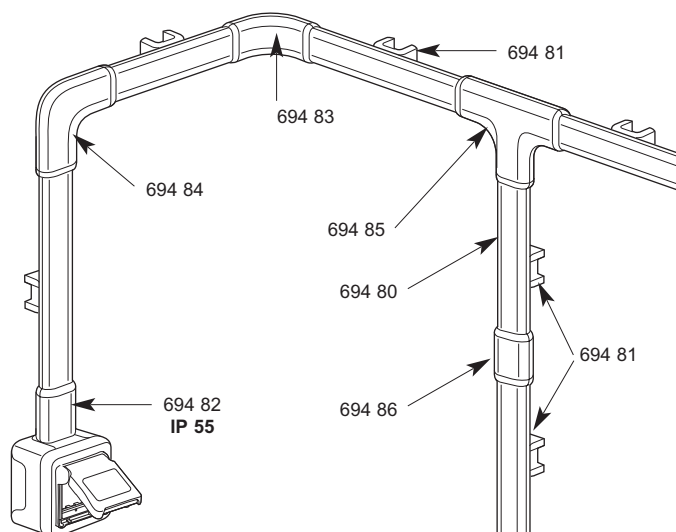
Cat. Nos : 695 79/80



Products supplied with static lid protection film.

9. SPECIFIC USES

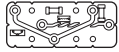
Installations with profile.
The Plexo profile distribution system provides :
- Distribution, protection and branch connection of various wires and cables in an electrical installation.
- A profile, finishing and routing accessories (profile joint, weatherproof universal junction, flat angle, internal angle, external angle, branch connection, bracket).
- A new solution for installing weatherproof surface mounting wiring devices in domestic and occasionally tertiary technical situations.
- Optimum safety and reliability due to compliance with standard NFC 68-104 (IP 42, IK 07).



Cat. No.	Description
694 80	Plexo profile, length 2.00 m capacity equivalent to a Ø 25 mm IRL
694 81	Plexo profile bracket
694 82	IP55 weatherproof universal connection
694 83	Plexo profile internal/external angle
694 84	Plexo profile flat angle
694 85	Plexo profile tee
694 86	Plexo universal junction

- Refer to the specific technical data sheet for Plexo profile : F00386EN/00.

10. EQUIPMENT AND ACCESSORIES

Description	Uses	Cat. No.	Colour
	Locking tool (used to release captive screws) For Cat. No. 695 79	919 45	
Entry gland 1 entry 	Used to provide an aesthetic connection between boxes and cables up to Ø 16 mm inclusive	695 96	Grey
Entry gland 2 entries 		696 46	White
		695 99	Grey
		696 49	White
Drilling template 	Used for fast identification of mounting centre distances of all boxes	695 97	-
Set of 4 covers 	Used to blank mounting holes at bottom of boxes	695 98	Grey
Multi-cable gland 	(PG) Ø 7 - 14 mm	696 53	
Standard claw 	Clips on to all one-gang flush mounting supports	849 00	-
Long claw 		849 01	-
Tap connection terminal block 	Direct connection after simply stripping rigid conductors Terminal capacity : 0.75 - 2.5 mm²	343 22	