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

Time saving guaranteed: no cut-out

Inserting 4 to 10 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
Plexo adaptors for Mosaic, with or without flap

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.

Automatic terminals for safety and speed

Suitable for both non-rigid multi-strand and rigid cables.

Plexo adaptors for Mosaic, with or without flap

Visible and accessible fixing points; identical to the Plexo 55

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

Locking by means of four 1/4 turn fastenings
Plexo IP 55
The functions that make Plexo a real new range

Plexo IP 55 is evolving for you

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

<table>
<thead>
<tr>
<th>Pack</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>10</td>
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<td>697 19</td>
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**Switches 10 AX - 250 V±**

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<td>697 15</td>
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**Push-buttons 10 A**

<table>
<thead>
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<tr>
<td>10</td>
<td>697 21</td>
</tr>
</tbody>
</table>

**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.
- Detection angle: 360°

<table>
<thead>
<tr>
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<tr>
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**Key switches 10 A - 250 V±**

IP 20 – IK 07

- Key switch for European standard lock 1 pole, switch/push button.
- 3 positions “1-0-2”.
- To be equipped with lock.

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<tr>
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<tr>
<td>1</td>
<td>697 95</td>
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**Cable outlet**

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<tbody>
<tr>
<td>5</td>
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</tbody>
</table>

**Socket outlets**

- **German standard 16 A – 250 V±**
  - 2P+E with earth lateral contact with screw terminals

- **British standard 13 A – 250 V±**
  - 2P+E switched socket outlet, 16A switch and 13A socket
  - 2P+E screw terminals
  - 2 x 2P+E screw terminals

- **French standard 16 A – 250 V±**
  - 2P+E with shutters for child protection, automatic terminals

- **Switches 10 AX – 250 V±**
  - Two-way switch

- **Push-buttons 10 A**
  - Illuminated changeover push-button (N/O + N/C contact)
  - 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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For example:

- 697 09
- 697 12
- 697 33
- 698 24

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NEW

Plexo IP 55 – IK 07

Surface and flush mounting, supplied complete.
### Plexo IP 55 – IK 07

**Surface mounting boxes and flush-mounting support frames**

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)

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**Surface mounting boxes with membrane glands**

- **1 gang**
  - 1 entry

- **2 and 3 gang**
  - 2 gang, 2 entries
  - 2 gang, vertical mounting
  - 2 entries
  - 3 gang, horizontal mounting
  - 3 entries

**Surface mounting boxes for cable glands**

- **1 gang**
  - 1 entry

- **2 gang, vertical mounting**
  - 2 entries (2 top)

- **2 gang, horizontal mounting**
  - 2 entries (2 top)

**Flush-mounting support frames**

- **Used for flush mounting version for French and German standard boxes only**
- **1 gang**
  - For 1 Plexo mechanism
  - Cat.No. 849 00 / 01
  - 1 entry

- **2 and 3 gang**
  - 2 gang, for 2 Plexo mechanisms, horizontal mounting
  - 2 gang, for 2 Plexo mechanisms, vertical mounting
  - 3 gang, for 3 Plexo mechanisms, horizontal mounting

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**Pack** | **Cat.Nos** | **Grey**
--- | --- | ---
10 | 696 51 | 1 gang, 1 entry
5 | 696 72 | 2 gang, 2 entries
5 | 696 61 | 2 gang, vertical mounting
5 | 696 80 | 3 gang, horizontal mounting
5 | 696 56 | 1 entry
5 | 696 68 | 2 gang, vertical mounting
5 | 696 78 | 2 gang, horizontal mounting
Installation with surface mounting boxes (p. 05) or flush mounting support frames (p. 05)

### Adaptors

<table>
<thead>
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<td>1</td>
<td>695 82</td>
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<td>20</td>
<td>6806 33</td>
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**IP 55 – IK 07 for 2 Mosaic modules**

- Adaptor with smoked polycarbonate flap
- 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
- Grey/White

**IP 20 for 2 Mosaic modules**

- Adaptor without flap (IP 20)
- Grey

**IP 55 – IK 07 for 3 Mosaic or Vela modules**

- Weatherproof IP 55 frame with membrane
- Allows operations of switches without opening cover maintaining IP 55 rating
- Grey

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### Blanking plate

- Grey
- 695 37
- To be used as needed in combination with surface mounting boxes or flush mounting frames

### Cable outlets

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

### Lamps

- For indicator function use orange colour
- For locator function use green colour
- Grey
- 694 96
- 694 97
- 694 98
- 694 99
- 694 95
- 230 V - 1 mA green
- 230 V - 0.5 mA green
- 230 V - 1 mA orange
- 12 V - 15 mA green
- 24 V - 20 mA green

### Membrane cable glands

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

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**Plexo IP 55 – IK 07**

**Modular Mechanisms**

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**

### Switches 10 AX - 250 V~

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<td>1</td>
<td>695 10</td>
</tr>
<tr>
<td>1</td>
<td>695 04</td>
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**IP 55 – IK 07**

- Two-way switch
- Intermediate switch
- Two-way switch with indicator
- Illuminated two-way switch
- Two-gang two-way switch
- Double pole switch

**IP 55 - IK 05**

- RF switch
- Temporization: 25 s to 15 min.

**Push-buttons 10 A**

<table>
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</tr>
<tr>
<td>1</td>
<td>695 06</td>
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**IP 55 – IK 07**

- N/O contact
- Changeover (N/O + N/C contact)
- Illuminated, N/O contact
- Illuminated N/O contact, with label holder
- Can be equipped with 230 V~ lamp (p. 673)

**IP 55 - IK 05**

- RF push button
- Allows the radio frequency control of 1 lighting scenario
- 1 lithium battery 3V CR 2032 supplied

**Illuminated time lag switch - 250 V~**

**IP 55**

- Electronic
- 2-wire connection
- Supplied with lamp

Temporization: 25 s to 15 min.

Maximum loads:
- 1 000 W incandescent and halogen lamps 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**
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~

#### 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 1000 lux
- Maximum detection range: 8 m (adjustable)

#### With neutral – 3 wire connection - IP 55 - IK 07

- Operates: 500 to 1000 W
- incandescent and halogen lamps 230 V~
- ELV halogen lamps
- - fluocompact
- Temporization: 1 s to 16 min.
- Detection angle: 180°
- Luminosity threshold: 3 to 1000 lux
- Maximum detection range: 8 m (adjustable)

#### 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 1000 lux
- Maximum detection range: 8 m (adjustable)

### Light sensitive switches, 230 V~

#### 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
- Photoelectric cell – IP 55

#### Key operated switches 3 A - 250 V~

- Supplied with RONIS key n° 455
- Key removable in any position
- 2 positions marked “0 – I”
- 2 N/O contacts

#### Roller blinds control

- 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
- 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

- British standard 13 A – 250 V~

#### RJ 45 data socket

- RJ 45 cat. 6 - FTP 9 contacts

### Technical detector

- 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

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For availability, please consult us
Plexo IP 55 – IK 07
modular mechanisms (continued)

The ultimate weatherproof solution

PLEXO 66

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

Emergency stop functions 3 A 230 V~/\n
- Supplied with “emergency stop” label in 8 languages
- Yellow cover plate, red button

<table>
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<tbody>
<tr>
<td>1</td>
<td>Grey/Yellow 695 47</td>
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</table>
| 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 |

Pilot light IP 55 – IK 07

Pilot lamp

- Accepts E 10 lamps – 230 V~/\ - 5 W max (supplied)
- Screw connection
- Supplied without diffusers (see below)

<table>
<thead>
<tr>
<th>Diffuser for pilot lamp</th>
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<tbody>
<tr>
<td>5 695 91 Red</td>
</tr>
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</table>

- 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

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

20 A - 250 V~ switches

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<tr>
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<td>6846 03</td>
<td>Grey 1 gang Two-way switch - SP</td>
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<td>6846 04</td>
<td>Grey 2 gang Two-way switch - SP</td>
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<tr>
<td>1</td>
<td>6846 05</td>
<td>Grey 1 gang Two-way switch - SP + indicator</td>
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<td>6846 06</td>
<td>Grey 1 gang One-way switch - DP + indicator</td>
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<td>1</td>
<td>6846 02</td>
<td>Grey 1 gang Switch - DP</td>
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6 A - 250 V~ push-buttons

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<td>Grey 1 gang Two-way switch - SP with &quot;Bell&quot;</td>
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<tr>
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<td>6846 12</td>
<td>Grey 2 gang Two-way - SP with &quot;Press&quot;</td>
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13 A - 250 V~ fused spur units

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<tr>
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<td>Grey 1 gang - DP switched</td>
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13 A - 250 V~ socket outlets

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<td>6846 22</td>
<td>Grey 1 gang Switched socket with opaque lid</td>
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<td>6846 20</td>
<td>Grey 1 gang unswitched socket with opaque lid</td>
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<td>6846 19</td>
<td>Grey 1 gang unswitched Accepts moulded plugs with side outlet</td>
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13 A - 250 V~ socket outlets (continued)

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<td>Grey 2 gang unswitched Accepts moulded plug</td>
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<tr>
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<td>6846 28</td>
<td>Grey 2 gang unswitched</td>
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Mosaic adaptors

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<td>Grey 2 module adaptor with semi-transparent lid</td>
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<tr>
<td>1</td>
<td>6846 38</td>
<td>Grey 3 module adaptor with semi-transparent lid</td>
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Back boxes

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<tr>
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<td>6846 90</td>
<td>Grey 2 gang - horizontal 6 conduit entries</td>
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<tr>
<td>1</td>
<td>6846 91</td>
<td>Grey 2 gang - vertical 4 conduit entries</td>
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Accessory

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<tr>
<td>5</td>
<td>6846 99</td>
<td>Gasket - black</td>
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</tbody>
</table>

(1) White version supplied with surface mounting gasket and screws
Legrand Singapore
Showroom
15 Jalan Kilang Barat
#07-05/06/07 Frontech Centre
Singapore 159357

Tel: (65) 6861 2234
Fax: (65) 6416 1580
Email: customerhub.sg@legrand.com.sg
Website: www.legrand.com.sg