

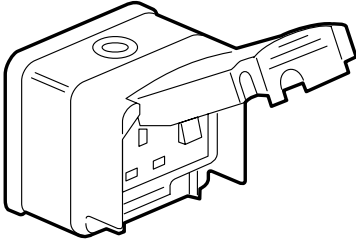
Plexo 66 2 P + E power socket

Cat. No(s): 6846 20/22/28/29 - 6845 22/70

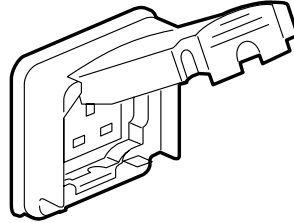
CONTENTS

Page

1. Example of use	1
2. General characteristics	1
3. Range	1
4. Installation	1-2
5. Dimensions	2
6. Technical characteristics	3
7. Maintenance	4



6846 22

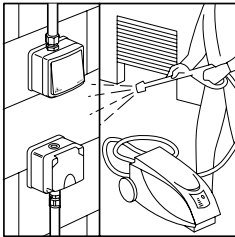


6845 70

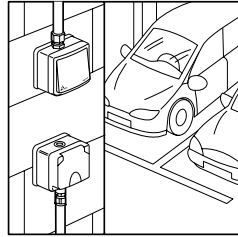
1. EXAMPLES OF USE

SERVICE INDUSTRY

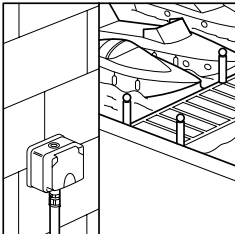
Jet cleaning
of foam canon
(agri-food industry)
< 90 bars < 80°



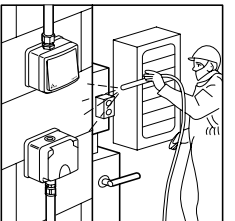
Garage



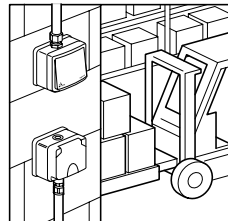
Garage



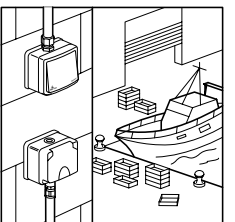
Car wash
and wash unit



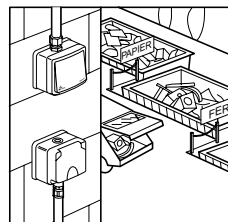
Shock risk,
Warehouse - Traffic



Auction rooms,
port facilities



Organic waste
storage sites
(rubbish dumps, farm sites)
Gas emissions



2. GENERAL CHARACTERISTICS

Watertight products intended to be installed inside or outside premises subject to:

- frequent cleaning (jet cleaner at 70 to 90 bars, 70 to 80° C)
- disinfectants
- aggressive chemicals
- bad weather
- shocks

Power sockets 13 A - 250 V~ conforming to French standard with a clip-on power protection cover.

3. RANGE

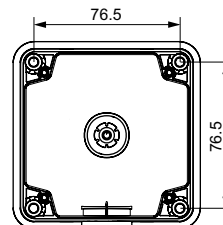
Description	Integrated ref.		Modular ref
	Grey	White	White
1 gang switched socket 3 modules	6846 22	6845 22	
1 gang switched with opaque lid	6846 20		
1 gang unswitched with opaque lid	6846 28		6845 70
2 gang switched	6846 29		

4. INSTALLATION

4.1. Fixing

- Screw the back box on the support using 2 x 4 - 4.5 mm Ø screws

IP 66 watertight fixing
whatever the surface



Plexo 66

2 P + E power socket

Cat. No(s): 6846 20/22/28/29 - 6845 22/70

4. INSTALLATION (continued)

4.2 Connecting to conductors

Screw terminal supplied open with screw unscrewed and held in place

Min. capacity 1 x 1.5 mm²

Max. capacity 2 x 2.5 mm²

Suitable screwdrivers:

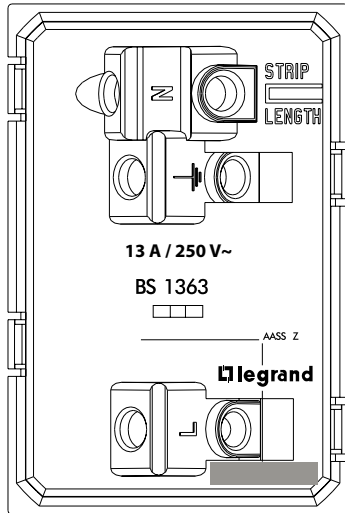
- 3.5 to 5 mm flat blade

- Plat

Wiring diagram

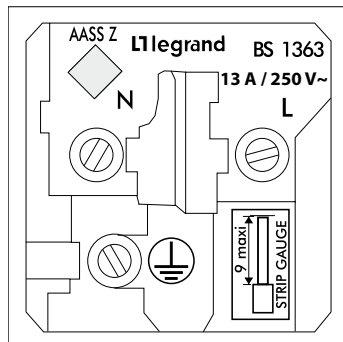
6846 22/29

6845 22



6846 20/28

6845 70



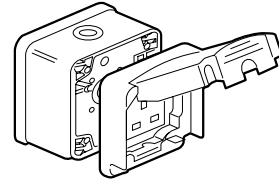
4. INSTALLATION (continued)

4.3 Assembly

4 coarse-pitch screws are used to ensure that the front part (cover mechanism) of the box is kept locked.

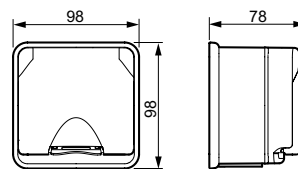
(Min. tightening torque for IP 66 : 0.5 Nm).

Modular devices can be fitted on all boxes with 2, 3 positions placed horizontally or vertically ref. 904 91/92/93.

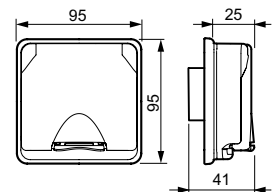


5. DIMENSIONS

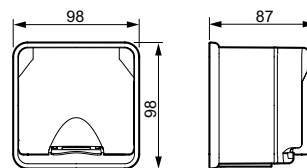
Integrated ref. 6846 20



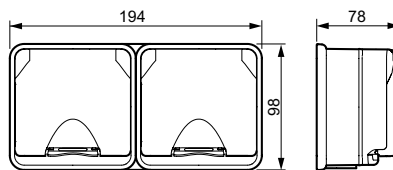
Modular ref. 6845 70



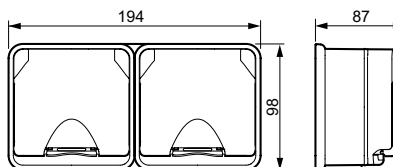
Integrated ref. 6846 22



Integrated ref. 6846 28/29



6846 28



6846 29

6. TECHNICAL CHARACTERISTICS

6.1 Mechanical characteristics

Class of protection: - IP 66 closed flap

6.2 Material characteristics

Materials and colours: Halogen-free material

- Box and cover: light grey glass-fibre polypropylene T029
- Flap: RAL 7016 charcoal grey ABS
- Mechanism: RAL 7016 grey, polycarbonate
- Terminal and cover fixing screws: stainless steel
- Elastomer seals: black
- Modular: RAL 9010 box and cover

Resistance to chemical agents	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 %	+
Phenol-sulphonic acid	-
Phosphoric acid *	-
Sulphuric acid	-
Tannic acid *	-
Tartaric acid *	-
Ethyl alcohol	+
Isopropyl alcohol	+
Methyl alcohol (methanol)	+
Phenyl ethyl alcohol 100 %	-
Ammonia	-
Metal plating baths :	
- Bright silver bath	+
- Bright cadmium bath	+
- Chrome plating bath (50°C)	+
- Copper bath (with potassium cyanide)	+
- Copper bath (acid)	+
- Pickling bath with chemical copper plating	+
- Brass bath	+
- Bright nickel bath	+
Barium	
- Barium chloride *	+
- Barium hydroxide *	+
- Barium nitrate *	-
Benzene	-
Beer	+
Chlorinated lime*	+
Cobalt chloride *	-
Copper chloride *	-
Ferrous chloride *	-
Manganese chloride	-
Mercury chloride	-
Methylene chloride *	-
Chlorinated water (liquid chlorine gas)	-
Seawater	+
Fertiliser	+
Epichlorhydrin	-
Low-gravity petrol	-
Mineral spirit	-

6. TECHNICAL CHARACTERISTICS (continued)

Resistance to chemical agents	Behaviour
Turpentine	-
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 washing powder	+
Margarine	+
Fuel-oil	+
Mercury	+
Methyl methacrylate	-
Silver nitrate *	+
Cobalt nitrate *	+
Manganese nitrate *	+
Mercury nitrate *	+
Nickel nitrate *	+
Lead nitrate *	+
Petroleum oil, petroleum ether	-
Silicate (Potassium, Sodium)	+
Syrup (beet)	+
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 only provides an indication and cannot therefore represent any commitment on our part.

Resistance to UV:
No noticeable change in appearance after 7-day test involving exposure to irradiance ≈ 550 W/m² (colorimetric measurement based on laboratory method).

Resistance to products: - chlorinated pH 10-11
- alkaline pH 9-10
- acid pH 3

Resistance to saline mist : 7days (168 hours)

6.3 Electrical characteristics

Self-extinguishing in accordance with IEC 695-2-11
Enclosures: 650° C
Mechanisms in contact with live parts : 850° C
Voltage intensity frequency:
- 13 A - 250 V~ in accordance with BS-1363 Part 2

6.4 Climatic characteristics

Storage and operating temperatures: - 20° C to + 40° C

6.5 Environmental characteristics

Halogen-free material.

2 P + E power socket

7. MAINTENANCE

Jet cleaning, max.: 90 bars - water: 80° C
Superficial cleaning with a dry cloth or cloth soaked in soapy water.
Acetone, tar remover or trichloroethylene must not be used.

Caution: test specific cleaning products first before using them.