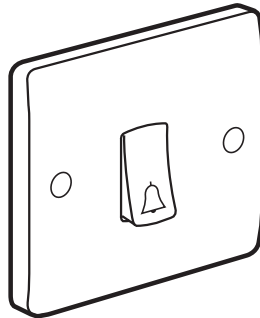


**Synergy®**  
**10 A Push switches**

Cat. No(s) : 7300 07/11 - 7301 07



**1. APPLICATIONS**

Mechanisms for the control of bells, buzzers, etc... Can be optionally equipped with LED indicators/locators.

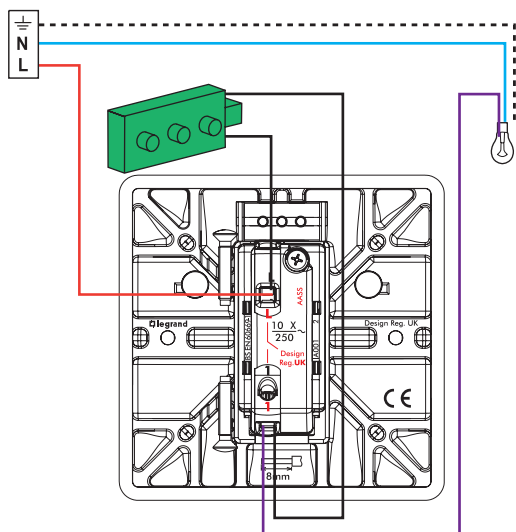
**2. WHITE RANGE**

Description	Cat. N°	Characteristics	Weight (g)
Two way push switch	7300 07	10 A, 250 V <sub>~</sub>	68
Two way push switch with bell symbol	7301 07	10 A, 250 V <sub>~</sub>	68
Two way with "press" symbol	7300 11	10 A, 250 V <sub>~</sub>	68

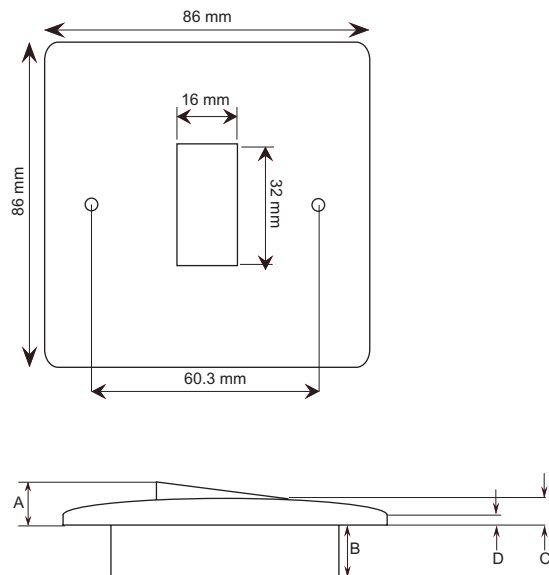
**3. PUSH SWITCHES WITH LED INDICATORS/LOCATORS**

Can be wired as indicators or locators. When used as an indicator a neutral supply has to be brought to the unit.

**Locator**



**4. DIMENSIONS (mm)**



- A : 11.5 mm
- B : 13.7 mm
- C : 7 mm
- D : 4.5 mm

**5. INSTALLATION**

**Flush mounting :**

- All products supplied with 2 x M 3.5 fixing screws and 2 thermo-plastic screw covers. It is recommended that redundant top and bottom fixing lugs in metal back boxes are bent back to increase room for mechanisms and their attendant wiring.
- 16 mm minimum depth back box
- 25 mm recommended depth back box.

**Surface mounting :**

- Use either 16 mm depth pattress, Cat. N° 7364 03
- or 35 mm depth pattress, Cat. N° 7364 06.

**6. CONNECTION**

**6.1 Terminals**

- Terminal capacity : 4 x 1 mm<sup>2</sup>  
4 x 1.5 mm<sup>2</sup>  
2 x 2.5 mm<sup>2</sup>  
1 x 4 mm<sup>2</sup>
- Recommended screwdriver size : 4 mm flat blade
- Recommended terminal tightening torque : 0.5 Nm

**6.2 Terminals (screwless type)**

- Direct cable connection (after stripping) without the use of a tool
- Maximum conductor size : 2.5 mm<sup>2</sup>
- Maximum of 2 conductors per pole.
- Recommended strip-back : 11 mm

**7. GENERAL CHARACTERISTICS**

**7.1 Mechanical characteristics**

- IP rating : IP2X
- IK rating : IK01

**7.2 Electrical characteristics**

- Contact clearance > 3 mm

**7.3 Material properties**

- Base : Polypropylene self-extinguishing at 850° C / 30 s
- Rocker/frontplate thermoset : urea self-extinguishing at 960° C / 30 s
- Fixing screw concealment plugs : polycarbonate.

**7.4 Resistance to chemicals**

Resistance to chemical agents	PC	UREA
Acetone	n	l
Acetic acid 10 %	s	-
Hydrochloric acid	s (20%)	n
Citric acid 10 %	s	-
Hydrofluoric acid 4 %	s	l
Lactic acid 10 %	s	-
Nitric acid 10 %	s	-
Phosphoric acid 85 %	l	n
Sulphuric acid 25 %	s	n
Tannic acid	n	-
Cleaning agents containing traces of ammonia quaternaires	n	s
Ethyl alcohol	s	l
Methyl alcohol (methanol)	l	l
Ammonia	n	l
Aniline	n	l
Benzene	n	l
Lime	n	l
Liquid chlorine	n	-
Barium chloride	s	-
Chlorinated lime 20 %	s	-
Javel water	s	-
Seawater	s	-
Oil	s	s
Milk	s	-
Fuel	s	l
Petroleum oil, petroleum ether	l	l
Caustic soda	n (40%)	s (25%)
Sugar	s	-
Toluene	n	-
Trichlorethylene	n	l
Urine	s	-
Wine	s	-

s = satisfactory  
l = limit  
n = not satisfactory

**7. GENERAL CHARACTERISTICS**

**7.5 Functional limitations**

- Products may be stored and used at temperatures between - 5° C and + 40° C
- Maximum average ambient temperature in any 24 hour period not to exceed 25° C.

**8. MAINTENANCE**

The use of abrasive or solvent-based cleaners is strictly forbidden as it could result in irreparable damage to the product's external surfaces. We recommend the use of a soft, slightly damp cloth to remove fingerprints, etc...

**9. ACCESSORIES**

- LED pack : Cat. N° 7301 58 for locator usage\* (10 per pack)  
Cat. N° 7300 58 for indicator usage\* (10 per pack)
- Fixing screw concealment plugs : Cat. N° 7301 53 (50 per pack).

\*Note : For installation tests, ensure LED packs are disconnected.

**10. CONFORMITY TO STANDARDS**

Conform to BS EN 60669-1.