

| Accessory Type              | Rating | Maximum number of conductors per terminal (Solid or Stranded conductors BS 6004) |                     |                     |                     |                     |                      |                      |
|-----------------------------|--------|--|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
|                             |        | 1.0 mm <sup>2</sup>  | 1.5 mm <sup>2</sup> | 2.5 mm <sup>2</sup> | 4.0 mm <sup>2</sup> | 6.0 mm <sup>2</sup> | 10.0 mm <sup>2</sup> | 16.0 mm <sup>2</sup> |
| Plate & Ceiling Accessories | 10AX   | 4  | 4                   | 3                   | 2                   | -                   | -                    | -                    |
| Dimmer Switches             | 10AX   | 4  | 3                   | -                   | -                   | -                   | -                    | -                    |
| BS 546 Socket Outlet        | 5A     | 3  | 3                   | 3                   | 2                   | 2                   | -                    | -                    |
| Shaver Socket               | 10A    | 4  | 3                   | 2                   | -                   | -                   | -                    | -                    |
| Fused Connection Units      | 13A    | -  | -                   | 3                   | 2                   | 2                   | -                    | -                    |
| BS 1363 Socket Outlets      | 13A    | -  | -                   | 3                   | 3                   | 2                   | -                    | -                    |
| BS546 Socket Outlet         | 15A    | -  | -                   | 3                   | 3                   | 2                   | -                    | -                    |
| Flex Outlet Plates          | 20A    | 5  | 4                   | 3                   | 2                   | 2                   | -                    | -                    |
| Double Pole Switches        | 20A    | -  | -                   | 3                   | 2                   | 2                   | 1                    | -                    |
| Double Pole Switches        | 45/50A | -  | -                   | -                   | 3                   | 2                   | 1                    | 1                    |
| Cooker Control Unit         | 45A    | -  | -                   | -                   | 3                   | 2                   | 1                    | 1                    |
| Cooker Connection Outlet    | 45A    | -  | -                   | -                   | 2                   | 3                   | -                    | -                    |
| Grid Switches               | 20AX   | 4  | 4                   | 3                   | 2                   | -                   | -                    | -                    |

**Printed Products**

Many of our Sollysta wiring accessories are available with printed options, such as Washing Machine, Dishwasher etc.

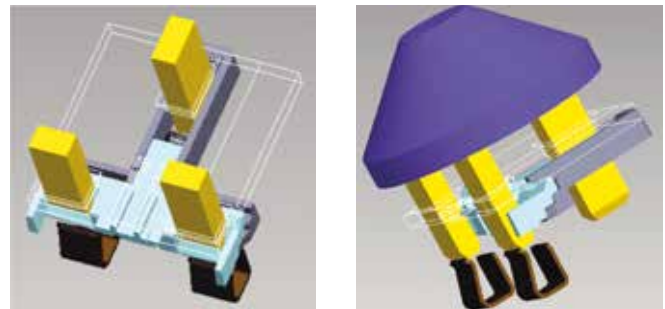
For a full list of products generally available from stock please go to [www.hager.co.uk/printedproducts](http://www.hager.co.uk/printedproducts)

We also offer a bespoke printing service for your individual requirements. Please contact our Sales Service Centre on 01952 675612 for further details.

**Unique Safety Shutter**

Socket outlets have apertures for plug pins and therefore will have a shutter mechanism that prevents access to live parts unless the earth pin is also present and has been inserted first. This however can be either intentionally or inadvertently defeated by inserting something into the earth pin aperture.

All Sollysta sockets have a unique patented three pin shutter system that not only requires the earth pin to be inserted first, but the simultaneous insertion of the live and neutral pins as well, before the shutter mechanism is activated. This enhances the safety by making it more difficult to defeat the mechanism and therefore reducing the risk of electric shock.



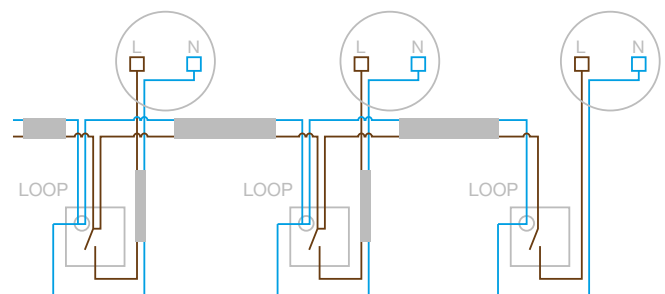
**Neutral Loop Terminal**

Today it is increasingly likely that there is a decorative light fitting or even downlighters fitted in place of a standard pendant. These fittings are rarely provided with a neutral loop terminal.

It has also become more popular to make the loop connection at the switch. This has the advantage of the connections being accessible and at a more convenient working height.

However, this leaves the problem of terminating the neutral conductor.

One solution is to connect the neutral to a connector block inside the wall box, which takes up extra space. Another is to use the Sollysta light switch which has a unique neutral loop terminal.



The IP rating for all low voltage enclosures up to 1000 V a.c. and 1500 V d.c. is defined in identical fashion by the standards EN 60529 - IEC 529. It comprises the letters IP followed by two character numerals and or additional/supplementary letters.

The first character numeral indicates the degree of protection provided by the enclosure against access to hazardous parts by preventing or limiting the ingress of a part of the human body or an object held by a person and ingress of solid foreign objects.

The first character numeral:  
Protection against foreign objects

| IP | Description |  |
|----|-------------|--|
| 0  |             | Non-protected                                      |
| 1  |             | Protected against solid objects $\geq$ than 50mm   |
| 2  |             | Protected against solid objects $\geq$ than 12.5mm |
| 3  |             | Protected against solid objects $\geq$ than 2.5mm  |
| 4  |             | Protected against solid objects $\geq$ than 1.0mm  |
| 5  |             | Dust-protected                                     |
| 6  |             | Dust-tight   |

The second character numeral indicates the degree of protection provided by the enclosure with respect to harmful effects on the equipment due to the ingress of water. An X signifies that the tests are not applicable to the product.

The second character numeral:  
Protection against ingress of water with harmful effects

| IP | Description |  |
|----|-------------|--|
| 0  |             | Non-protected  |
| 1  |             | Protected against vertically falling water drops                                 |
| 2  |             | Protected against vertically falling water drops when enclosure tilted up to 15° |
| 3  |             | Protected against spraying water   |
| 4  |             | Protected against splashing water  |
| 5  |             | Protected against water jets   |
| 6  |             | Protected against powerful water jets  |
| 7  |             | Protected against the effect of temporary immersion in water                     |
| 8  |             | Protected against continuous immersion in water                                  |

**Additional letter (in option)**  
Protection of people against access to hazardous parts

|   | Description  |
|---|--|
| A | Protected against access to hazardous parts with the back of the hand  |
| B | Protected against access to hazardous parts with a finger              |
| C | Protected against access to hazardous parts with a tool - $\phi$ 2.5mm |
| D | Protected against access to hazardous parts with a wire - $\phi$ 1mm   |

**Additional letter (in option)**  
Specific information on the product

|   | Description                  |
|---|------------------------------|
| H | High voltage apparatus       |
| M | Motion during water test     |
| S | Stationary during water test |
| W | Weather conditions           |