Metal clad

Surface mounted wiring devices
**Metal clad**

Surface mounted wiring devices

The Metal clad range of surface mounted wiring devices is designed to be robust and resistant thanks to the high-quality coated metal plate. Capable of meeting wiring requirements in all commercial and light industrial applications. It is ideal for use in service areas, parking areas, workshops, factories, warehouses, laboratories, hospitals, and as well as domestic application in lofts and garages.

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**WARRANTY POLICY**

10 years for mechanical switches and socket outlets.

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2 Gang 13A switched socket DP with Neon

- High quality steel
- Impact resistant
- Protective coating
- Supplied with backboxes
Benefits & features

• Manufactured from high quality steel with good aesthetics

• Designed to withstand everyday knocks and scrapes

• The durable and tough finish is further enhanced by a superb protective coating to stand up to arduous duty and environment

• Designed for easy mounting and installations
# Product overview

## Switches

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Type</th>
<th>Description</th>
<th>Technical Data</th>
<th>Surface-mounted Box Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 BM101</td>
<td>1Gang 1Way 10AX Switch</td>
<td>10AX</td>
<td>40mm</td>
<td></td>
</tr>
<tr>
<td>01 BM105</td>
<td>1Gang 2Way 10AX Switch</td>
<td>10AX</td>
<td>40mm</td>
<td></td>
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<tr>
<td>01 BM119</td>
<td>1Gang 10AX Intermediate Switch</td>
<td>10AX</td>
<td>40mm</td>
<td></td>
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<tr>
<td>01 BM430</td>
<td>1Gang 1Way 10A Push Switch</td>
<td>10A</td>
<td>40mm</td>
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<tr>
<td>02 BM102</td>
<td>2Gang 1Way 10AX Switch</td>
<td>10AX</td>
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<td>02 BM106</td>
<td>2Gang 2Way 10AX Switch</td>
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<td>40mm</td>
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<tr>
<td>03 BM103</td>
<td>3Gang 1Way 10AX Switch</td>
<td>10AX</td>
<td>40mm</td>
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<tr>
<td>03 BM107</td>
<td>3Gang 2Way 10AX Switch</td>
<td>10AX</td>
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<tr>
<td>04 BM171</td>
<td>1Gang 20A DP Switch with Neon</td>
<td>20A</td>
<td>40mm</td>
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<tr>
<td>05 BM120</td>
<td>20A Connection unit with Flex outlet</td>
<td>20A</td>
<td>40mm</td>
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<tr>
<td>06 BM177</td>
<td>1Gang 45A DP Switch with Neon (6 x 3)</td>
<td>45A</td>
<td>40mm</td>
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</tbody>
</table>

Note: all wiring devices are supplied with backboxes.
### Socket & Data outlets
#### FCU & Flex outlets/Accessories

<table>
<thead>
<tr>
<th>See product picture</th>
<th>Order Code</th>
<th>Type</th>
<th>Description</th>
<th>Technical Data</th>
<th>Surface-mounted Box Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2TCZ742001R0040</td>
<td>BM238</td>
<td>1Gang 13A Switched Socket DP with Neon</td>
<td>13A</td>
<td>40mm</td>
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<tr>
<td>13</td>
<td>2TCZ742002R0040</td>
<td>BM240</td>
<td>2Gang 13A Switched Socket DP with Neon</td>
<td>13A</td>
<td>40mm</td>
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<tr>
<td>14</td>
<td>2TCZ742003R0050</td>
<td>BM209</td>
<td>1Gang 15A Switched Socket SP</td>
<td>15A</td>
<td>40mm</td>
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<td>15</td>
<td>2TCZ743001R0010</td>
<td>BM333</td>
<td>1Gang Data outlet, Cat.6</td>
<td>RJ45</td>
<td>40mm</td>
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<tr>
<td>16</td>
<td>2TCZ743002R0010</td>
<td>BM329</td>
<td>2Gang Data outlet, Cat.6</td>
<td>RJ45</td>
<td>40mm</td>
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<tr>
<td>17</td>
<td>2TCZ745001R0040</td>
<td>BM577</td>
<td>1Gang 13A Unswitched fused connection unit with Neon</td>
<td>13A</td>
<td>40mm</td>
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<tr>
<td>18</td>
<td>2TCZ745002R0040</td>
<td>BM507</td>
<td>1Gang 13A Switched fused connection unit with Neon</td>
<td>13A</td>
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<td>19</td>
<td>2TCZ745003R0010</td>
<td>BM504</td>
<td>1Gang Blank plate</td>
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<td>20</td>
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<td>BM505</td>
<td>2Gang Blank plate</td>
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<td>21</td>
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<td>BM510</td>
<td>1Gang Metal mounting box</td>
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<td>22</td>
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<td>BM541</td>
<td>2Gang Metal mounting box</td>
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<td>40mm</td>
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</tbody>
</table>

Note: all wiring devices are supplied with backboxes.
### Product Technical Information

#### International standards

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<tr>
<th>Product description</th>
<th>Standard</th>
<th>Description</th>
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<tbody>
<tr>
<td>Switches</td>
<td>IEC 60669-1/BS EN 60669-1</td>
<td>Switches for household and similar fixed electrical installation</td>
</tr>
<tr>
<td>13A sockets</td>
<td>BS1363-2, SS145-2, SASO 2203</td>
<td>13A switched and unswitched socket outlets</td>
</tr>
<tr>
<td>15A sockets</td>
<td>BS 546, SS472</td>
<td>Two-pole and earthing-pin plugs, socket outlets and socket-outlet adaptors</td>
</tr>
<tr>
<td>Fused Connection units</td>
<td>BS 1363-4, SS403</td>
<td>Specification for 13A fused connection units switched and unswitched</td>
</tr>
<tr>
<td>Flex outlet 20A</td>
<td>BS5733</td>
<td>General requirements for electrical accessories</td>
</tr>
<tr>
<td>Computer outlet RJ45</td>
<td>BS5733</td>
<td>Commercial building telecommunications cabling standard Part 2: Balanced twisted pair cabling components</td>
</tr>
<tr>
<td>Plates</td>
<td>BS5733</td>
<td>Specification for general requirements for electrical accessories</td>
</tr>
<tr>
<td>Mounting box</td>
<td>BS5733</td>
<td>Specification for general requirements for electrical accessories</td>
</tr>
</tbody>
</table>
Product Technical Information

Dimensions

Dimensions for 1 gang frames

Dimensions for 2 gang frames

Dimensions for 1 gang mounting box

Dimensions for 2 gang mounting box

Dimensions for 1 gang 45A double pole switch
Product Technical Information

Wiring Diagrams

BM101
BM105
BM119
BM430
BM102
BM106
BM103
BM107
BM171
BM120
BM177
Product Technical Information

Wiring Diagrams

BM238

BM240

BM209

BM333

BM329

BM577

BM507

BM504

BM505

BM541

BM542
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