

## LV9 Socket Outlet Assemblies Approved for LUL Installations

A range of 110V surface and flush mounting socket outlets approved for LUL installations, including Section 12 locations. LV9 sockets are designed for use on ring main circuits and incorporate integral 16A DP overcurrent protection enabling them to be fed from a 32A MCB. Also available are SMB series socket outlets rated at 32A with MCB protection (see over) and 16A and 32A SMB sockets without MCB protection (see data sheet PPDS13).

LV9 sockets are supplied in surface or flush mounting enclosures and incorporate no external combustible materials, including the socket outlet, which is metal clad. Any insulated materials are located internally, with access via covers incorporating low fire hazard gasket. As standard, the layout of LV9 sockets is “horizontal”; versions with a “vertical” layout are also available i.e. where the MCB is positioned above the socket.

### Construction

Enclosures are fabricated from mild steel sheet and have a White painted finish, which utilises low smoke polyester powder paint, electrostatically applied and oven dried. The front plate is removable and is available in three different materials: Vitreous Enamel, White Paint or Brushed Stainless Steel. All external fixings are tamper proof.

### Standard Equipment

As standard, fitted with a Crabtree Polestar 16A DP Type “C” MCB which feeds a 16A 3P 110V metal clad angled socket to BS EN 60309-2. Internal wiring is via LUL approved LSF cable. The MCB is protected by a hinged metal cover with a quick release fastener. The supply into LV9 socket assemblies terminates into the Crabtree MCB, which has terminals that can accommodate cables of up to 25mm<sup>2</sup> CSA and can be used to loop-in / out smaller conductors.

### RCD Option

To achieve disconnection times on circuits where Zs levels are high, a 16A Merlin Gerin MCB and 30 mA RCD can be incorporated in place of the Crabtree MCB.

### Outdoor Option

For non-Section 12 locations (normally outdoors) LV9 sockets can be upgraded to IP55 by the incorporation of a moulded, watertight socket.

### To Order

See over the page for Item numbers, dimensions, etc.

LV9 Socket,  
Flush mounting,  
Brushed Stainless  
Steel finish



LV9 Socket with  
MCB Dolly Cover  
Open



LV9R Socket,  
Flush mounting,  
White Paint Finish



LV9R Socket with  
MCB/RCD Dolly  
Cover Open



LV9 Socket, surface mounting,  
Paint Finish, sideview



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## LV9 series - Item Numbers and Dimensions

### Item Numbers for Complete Assemblies - Surface Mounting

Item Number	Type	Protection	Enclosure / Front Plate	Dimensions (W x D x H)
<a href="#">S120203</a>	LV9/S/I	MCB	Surface Mounting / White Paint	215 x 105 x 140
<a href="#">S120204</a>	LV9/S/BSS	MCB	Surface Mounting / Brushed S/Steel	215 x 105 x 140
<a href="#">S120093</a>	LV9R/S/I	MCB / RCD	Surface Mounting / White Paint	215 x 105 x 140
<a href="#">S120094</a>	LV9R/S/BSS	MCB / RCD	Surface Mounting / Brushed S/Steel	215 x 105 x 140
<a href="#">S200806</a>	SMB/S1-32/C/S/I	MCB, 32A	Surface Mounting / White Paint	215 x 120 x 140
<a href="#">S200807</a>	SMB/S1-32/C/S/BSS	MCB, 32A	Surface Mounting / Brushed S/Steel	215 x 120 x 140

### Item Numbers for Complete Assemblies - Flush Mounting

Item Number	Type	Protection	Enclosure / Front Plate	Dimensions Back Box	Dimensions Front Plate
<a href="#">S120206</a>	LV9/F/I	MCB	Flush Mounting / White Paint	215 x 67 x 140	225 x 150
<a href="#">S120207</a>	LV9/F/BSS	MCB	Flush Mounting / Brushed S/Steel	215 x 67 x 140	225 x 150
<a href="#">S120103</a>	LV9R/F/I	MCB / RCD	Flush Mounting / White Paint	215 x 67 x140	225 x 150
<a href="#">S120104</a>	LV9R/F/BSS	MCB / RCD	Flush Mounting / Brushed S/Steel	215 x 67 x140	225 x 150
<a href="#">S200808</a>	SMB/S1-32/C/F/I	MCB, 32A	Flush Mounting / White Paint	215 x 67 x140	225 x 150
<a href="#">S200809</a>	SMB/S1-32/C/F/BSS	MCB, 32A	Flush Mounting / Brushed S/Steel	215 x 67 x140	225 x 150

### Item Numbers for Back Boxes and Front Plate Assemblies Supplied as Separate Items - Surface

Type	Protection	Enclosure / Front Plate	Back Box	Front Plate Assembly includes MCB, socket, etc
LV9/S/I	MCB	Surface Mounting / White Paint	<a href="#">S020372</a>	<a href="#">S120114</a>
LV9/S/BSS	MCB	Surface Mounting / Brushed S/Steel	<a href="#">S020372</a>	<a href="#">S120115</a>
LV9R/S/I	MCB / RCD	Surface Mounting / White Paint	<a href="#">S020373</a>	<a href="#">S120140</a>
LV9R/S/BSS	MCB / RCD	Surface Mounting / Brushed S/Steel	<a href="#">S020373</a>	<a href="#">S120142</a>
SMB/S1-32/C/S/I	MCB, 32A	Surface Mounting / White Paint	<a href="#">S020372</a>	<a href="#">S200981</a>
SMB/S1-32/C/S/BSS	MCB, 32A	Surface Mounting / Brushed S/Steel	<a href="#">S020372</a>	<a href="#">S201058</a>

### Item Numbers for Back Boxes and Front Plate Assemblies Supplied as Separate Items - Flush

Type	Protection	Enclosure / Front Plate	Back Box	Front Plate Assembly includes MCB, socket, etc
LV9/F/I	MCB	Flush Mounting / White Paint	<a href="#">S020372</a>	<a href="#">S120138</a>
LV9/F/BSS	MCB	Flush Mounting / Brushed S/Steel	<a href="#">S020372</a>	<a href="#">S120139</a>
LV9R/F/I	MCB / RCD	Flush Mounting / White Paint	<a href="#">S020373</a>	<a href="#">S120143</a>
LV9R/F/BSS	MCB / RCD	Flush Mounting / Brushed S/Steel	<a href="#">S020373</a>	<a href="#">S120144</a>
SMB/S1-32/C/F/I	MCB, 32A	Flush Mounting / White Paint	<a href="#">S020372</a>	<a href="#">S201059</a>
SMB/S1-32/C/F/BSS	MCB, 32A	Flush Mounting / Brushed S/Steel	<a href="#">S020372</a>	<a href="#">S201060</a>

Please refer to our Customer Service Centres for details of IP55 versions that are suitable for outdoor installations i.e. non-Section 12 locations.

- **SOUTH** 1 Thomas Road, Optima Park, Crayford, Kent DA1 4GA Tel: 0845 074 0084 Fax: 0845 074 0085
  - **NORTH** Unit 55, Monckton Road Ind Estate, Wakefield WF2 7AL Tel: 0845 074 0086 Fax: 0845 074 0087
- [www.blakley.co.uk](http://www.blakley.co.uk) • [sales@blakley.co.uk](mailto:sales@blakley.co.uk)

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