

## Interlocked 400V Sockets and Associated Equipment

In response to the increasing use of high current, mains voltage sockets on UK construction sites to supply mobile plant such as stud welders and in general industrial installations to provide a quick and easy method of connecting mains voltage equipment, we have increased our standard range of 400V, fixed sockets, plugs, connectors and flexible cables.

### Interlocking

In construction, demolition and civil engineering installations, BS 7375 states that socket outlets rated in excess of 32A must be interlocked to prevent the insertion or withdrawal of plugs on load. In tunnelling installations, BS6164 states that sockets rated at 32A and above should be interlocked. Interlocking can be provided electrically or mechanically and whilst we can supply both methods, the most common practice is to incorporate a mechanically interlocked switch within 400V sockets. RCD protection also needs to be provided, which can be integral within the socket or incorporated upstream. Part numbers of the popular items in the range are detailed below. It should be noted that coupler sockets, as fitted to extension leads, are not generally available with a mechanical interlock. Therefore, if high current extension leads are required in a construction or tunnelling application, please contact us to discuss electrical interlocking and other options.

Part No.	Type
S201156	Interlocked Socket, 32A, 5P, 400V, IP44
S190426	Interlocked Socket, 32A, 5P, 400V, IP44 c/w 30mA RCD
S201140	Interlocked Socket, 63A, 5P, 400V, IP67
S190434	Interlocked Socket, 63A, 5P, 400V, IP66 c/w 30mA RCD
S201139	Interlocked Socket, 125A, 5P, 400V, IP66
S190300	Interlocked Socket, 125A, 5P, 400V, IP67 c/w 300mA RCD
S050182	Extension Lead, 14M, 6mm <sup>2</sup> , 5C H07 cable c/w 32A plug & coupler, IP44
S050194	Extension Lead, 14M, 16mm <sup>2</sup> , 5C H07 cable c/w 63A plug & coupler, IP67
S050150	Extension Lead, 14M, 35mm <sup>2</sup> , 5C H07 cable c/w 125A plug & coupler, IP67
S170240	Plug, 32A, 5P, 400V, IP44
S171000	Plug, 63A, 5P, 400V, IP67
S170238	Plug, 125A, 5P, 400V, IP67
S201157	Coupler Socket, 32A, 5P, 400V, IP44
S201290	Coupler Socket, 63A, 5P, 400V, IP67
S201142	Coupler Socket, 125A, 5P, 400V, IP67
S030083	Cable, 6mm <sup>2</sup> , 5C, H07, 100m drum
S030100	Cable, 16mm <sup>2</sup> , 5C, H07, 100m drum
S030192	Cable, 35mm <sup>2</sup> , 5C, H07, 100m drum
S141089	Stand Kit to free-stand interlocked sockets listed above



S201139 - 125A Socket



S190434 - 63A Socket c/w RCD



S050194 - 63A Extension Lead