

Safelink Combination Socket Outlet Assemblies

The *Safelink* series of Combination Socket Outlets incorporates sockets to BS EN 60309-2[#] and can incorporate RCD, MCB and Monitored Earth (ME) protection. Models with RCD and MCB protection are also available with mechanically interlocked switches to prevent withdrawal or insertion of plugs on-load. Models with ME protection incorporate electrical interlocking. Please see over for details of the overall standard range.

Enclosures

Safelink enclosures are moulded from high impact resistant polyamide or polycarbonate material. Assemblies are rated at IP54 when fitted with splashproof sockets and to IP66 when fitted with watertight sockets. Please see over for dimensions of *Safelink* assemblies.

Sockets

Socket outlets are available in current ratings of 16A, 32A and 63A; with pin configurations of 2P+E, 3P+E or 3P+N+E; in voltages of 230V or 400V. As standard, splashproof sockets (to IPX4) are fitted at current ratings of 16A and 32A and watertight sockets (to IPX7) are fitted at 63A. [#]Assemblies rated at 16A and 32A with ME protection incorporate 7 pin sockets to BS EN 60309-1.

RCD Protection

As standard, *Safelink* assemblies incorporate 2P or 4P RCDs to BS EN 61008, with a sensitivity of 30 mA. Other sensitivities are available to order. Assemblies with ME protection can be supplied without RCD protection.

MCB Protection

Safelink assemblies with overcurrent protection incorporate MCBs to BS EN 60898, with a 10kA breaking capacity and a Type "C" instantaneous trip characteristic. Assemblies with Type "B" or Type "D" MCBs are also available.

ME Protection

Safelink assemblies with ME protection incorporate an Earth Continuity Monitor (ECM) to BS 4444, with a Pilot-Earth Loop Trip Factor (PELTF) of 1.5 ohms. ECMs with alternative PELTFs are also available.

The ECM incorporates a simple pilot core protection facility to protect against pilot-earth short circuits - a spare diode is supplied with each assembly for incorporation within the associated appliance.

The ECM operates a contactor within the assembly, which is controlled by external push switches. This enables the device to be switched "ON" and "OFF" without having to open the protective window.

Assemblies with ME protection fail to safe in the event of loss of supply and require manual resetting.

Don't forget! The supply cable from an ME protected socket to the appliance requires an additional pilot core (the screen of screened cables can be used for this purpose).



AMRC/3N/32 with RCD & ME Option



ARC/1/16 with RCD Protection only

THE POWER PROFESSIONALS

HIGHER POWER TRANS POWER SAFE POWER TEM POWER PRO POWER GREEN POWER

THE COMPANY RESERVES THE RIGHT TO CHANGE PRODUCTS WITHOUT PRIOR NOTICE.



Cert. No. 9102091

SPDS1 - 01/08

Item Numbers, Type Numbers and Dimensions (mm) of Safelink assemblies are as follows:

Supply Volts	Current Rating	Unswitched		Switched Interlocked		Monitored Earth	
		RCD Only	RCD+MCB	RCD Only	RCD+MCB	RCD Only	RCD+MCB
SP&N 230V	16A	S190168 ARC/1/16 230x125x125	S190162 ARC/OC/1/16 230x125x125	S190217 ARC/1/16/SI 352x97x120	S190227 ARC/OC/1/16/SI 352x97x120	S190195 AMRC/1/16 370x183x152	S190203 AMRC/OC/1/16 370x183x152
	32A	S190169 ARC/1/32 230x125x125	S190163 ARC/OC/1/32 230x125x125	S190182 ARC/1/32/SI 409x113x154	S190183 ARC/OC/1/32/SI 409x113x154	S190196 AMRC/1/32 370x183x152	S190204 AMRC/OC/1/32 370x183x152
	63A	S190186 ARC/1/63 370x183x152	S190187 ARC/OC/1/63 370x183x152	S190185 ARC/1/63/SI 500x180x191	S190184 ARC/OC/1/63/SI 500x180x191	S190225 AMRC/1/63 370x183x152	S190226 AMRC/OC/1/63 370x183x152
TP 400V	16A	S190170 ARC/3/16 230x125x125	S190164 ARC/OC/3/16 370x183x152	S190178 ARC/3/16/SI 389x134x136	S190213 ARC/OC/3/16/SI 389x134x136	S190197 AMRC/3/16 370x183x152	S190205 AMRC/OC/3/16 370x183x152
	32A	S190172 ARC/3/32 230x125x125	S190165 ARC/OC/3/32 370x183x152	S190179 ARC/3/32/SI 409x113x154	S190215 ARC/OC/3/32/SI 399x134x152	S190199 AMRC/3/32 370x183x152	S190207 AMRC/OC/3/32 370x183x152
	63A	S190188 ARC/3/63 370x183x152	S190S190 ARC/OC/3/63 370x183x152	S190174 ARC/3/63/SI 443x183x209	S190176 ARC/OC/3/63/SI 500x180x191	S190201 AMRC/3/63 460x180x184	S190209 AMRC/OC/3/63 460x180x184
TP+N 400V	16A	S190171 ARC/3N/16 230x125x125	S190166 ARC/OC/3N/16 370x183x152	S190180 ARC/3N/16/SI 352x97x132	S190214 ARC/OC/3N/16/SI 389x134x143	S190198 AMRC/3N/16 370x183x152	S190206 AMRC/OC/3N/16 370x183x152
	32A	S190173 ARC/3N/32 230x125x125	S190167 ARC/OC/3N/32 370x183x152	S190181 ARC/3N/32/SI 406x113x154	S190216 ARC/OC/3N/32/SI 399x134x158	S190200 AMRC/3N/32 370x183x152	S190208 AMRC/OC/3N/32 370x183x152
	63A	S190189 ARC/3N/63 370x183x152	S190191 ARC/OC/3N/63 370x183x152	S190175 ARC/3N/63/SI 443x183x209	S190177 ARC/OC/3N/63/SI 500x180x191	S190202 AMRC/3N/63 460x180x184	S190210 AMRC/OC/3N/63 460x180x184

Nomenclature

A	Insulated Enclosure	M	Monitored Earth Protection	3N	Three Phase & Neutral
RC	RCD Protection	1	Single Phase & Neutral	SI	Switched & Interlocked
OC	MCB Protection	3	Three Phase		

Also available to special order are:

- All-insulated Safelink Assemblies fitted with socket outlets rated at 125 amps, 3P 4P or 5P, 230V or 400V.
- A full range of steel cased Safelink Assemblies rated from 16A to 125A, 3P 4P or 5P, 230V or 400V.
- All ratings can also be supplied for 110V operation
- For extra high current applications (over 125A), Safelink Assemblies are available with multi-pin connectors in current ratings up to 800A. Versions with single-pole connectors can also be supplied.

- **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 • sales@blakley.co.uk

BLAKLEY
ELECTRICS