

Product Catalogue

Equipment for Low Voltage Applications.

- Automotive
- Race, Rally and Track Day Cars
- Marine and Leisure Craft
- Recreational Vehicles and Caravans
- Standby & Solar Power

-
- Cables and wires
 - Switches and connectors
 - Circuit protection and distribution
 - Hardware and cable protection
 - Tools and wiring accessories
 - Over 30 assortment boxes to make buying small parts easier
 - Systems design service



Trade and DIY Mail Order

- Quantity discounts shown in the catalogue
- Many unusual terminals and fuel injection connectors available ex-stock
- Please ask if you don't find what you are looking for
- For the latest PDF version of this catalogue please visit www.polevolt.co.uk

Tel: 01477 533320
Fax: 01477 537688
Web: www.polevolt.co.uk
Email: info@polevolt.co.uk

Polevolt Ltd.
Colmont
Newcastle Road South
Brereton
Sandbach, Cheshire
CW11 1SA

Telephone +44 (0) 1477 533320
Fax +44 (0) 1477 537688
Web: www.polevolt.co.uk
Email: sales@polevolt.co.uk

VAT Registration No. GB 864 7203 15

Please Note: All prices in this catalogue and carriage exclude VAT.

UK* Next Day Carriage: Orders under £150 excluding VAT, please add £6.95* per order up to 25kgs.

For next day delivery, please place orders by 2.00pm.

* Scottish Highlands & Isles, Isle of Man, Isle of Wight, Northern Ireland, Ireland & the EC. Please enquire.

* Please enquire for shipping costs to countries outside the EC.

Minimum order £10 (Excluding VAT & Carriage).

Small orders will be sent by first class post and charged accordingly.

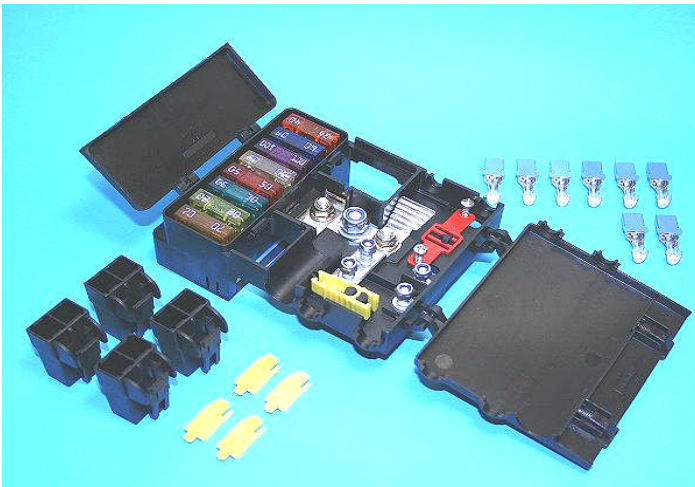
Orders may be placed by telephone, fax, post or email. Please include a contact telephone number and address with your order. Please make cheques payable to Polevolt Ltd.

We accept Visa, Visa Debit, Mastercard, Mastercard Debit, Switch, Maestro & Electron cards.

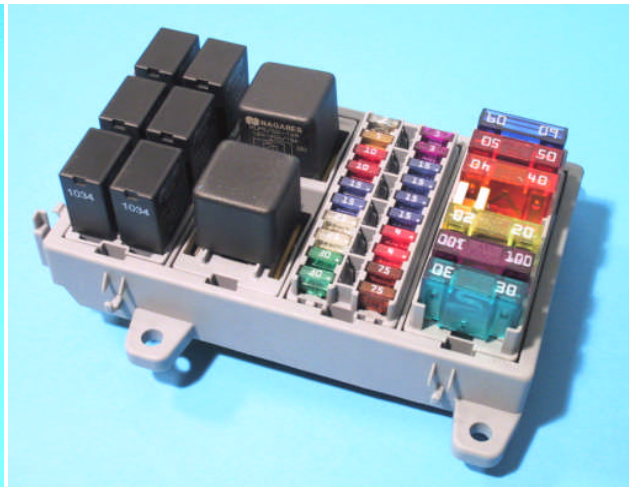
For security reasons, card details are destroyed after each transaction.

Orders will only be dispatched to the registered address of the card holder.

We are very happy to accept orders by email, followed by a phone call to provide payment details.



Battery mounted power distribution box. Page 20



Modular fuse and relay system. Page 22

All specifications, dimensions, sizes, descriptions and advise is given as a guide only.

It is for the user to determine the suitability of use to which materials and equipment are put.

No liability is accepted for the use or application of any item.

Goods that are supplied and used for competition applications are subject to extremes whilst in use.

Life expectancy and durability are greatly reduced and purchasers should note that any claim for failure/wear, shall not be entertained by the Company.

Full Terms & Conditions can be found at the end of this catalogue.

The index can be found on the inside rear cover

We are always adding new items to this catalogue. Please enquire if you can't find what you require.


If you like what we do, please tell your friends and colleagues. If not, please tell us.

Cable

Cut cables cannot be returned for refund or exchange and will only be supplied in multiples of 1 metre.
Thinwall cable. Stocks off 0.5mm, 0.75mm, 1mm, 1.5mm, 2mm, 2.5mm, 4mm, 6mm, 8.5mm & 10mm.
100 mtr reels of 3mm, 4.5mm & 7mm are available to order.
Common colours are held in stock. Colour availability reduces as cable size increases.
Please see the table at the end of this catalogue for stocked colours.

**All cables prefixed TW are High Temperature Thinwall Automotive low voltage wiring cables. Maximum working voltage 50v.
Thinwall cables are suitable for use at temperatures from -40°C to +105°C
Manufactured in accordance with ISO6722 2002 (ClassB)**

Item Ref.	Description	100mtrs	1mtr
TW 0.5/100	Thinwall 0.5mm Nominal current 10.0 amps	£8.98	£0.18
TW 0.75/100	Thinwall 0.75mm Nominal current 13.0 amps	£11.26	£0.22
TW 1.0/100	Thinwall 1.0mm Nominal current 16.0 amps	£12.98	£0.25
TW 1.5/100	Thinwall 1.5mm Nominal current 20.0 amps	£18.50	£0.35
TW 2.0/100	Thinwall 2.0mm Nominal current 25.0 amps	£24.98	£0.40
TW 2.5/100	Thinwall 2.5mm Nominal current 28.0 amps	£30.62	£0.50




Item Ref.	Description	30mtrs	1mtr
TW 3.0/30	Thinwall 3.0mm Nominal current 32.0 amps (To Order)	£13.06	
TW 4.0/30	Thinwall 4.0mm Nominal current 38.0 amps (Red, Brown, White, Black)	£15.68	£0.78
TW 4.5/30	Thinwall 4.5mm Nominal current 42.0 amps (To Order)	£18.22	
TW 6.0/30	Thinwall 6.0mm Nominal current 50.0 amps (Red, Brown, White, Black)	£22.75	£1.14
TW 7.0/30	Thinwall 7.0mm Nominal current 57.0 amps (To Order)	£27.58	
TW 8.5/30	Thinwall 8.5mm Nominal current 63.0 amps. (Red. This cable is not as flexible as 1607)	£33.55	£1.68

Thinwall Trailer cable

Item Ref.	Description	30mtrs	1mtr
TW02/21	2 Core Thin Wall Trailer cable. 2 x 0.5mm. 11.0amps (Round twin)	£10.94	£0.55
TW02/01	2 Core Thin Wall Trailer cable. 2 x 1mm. 16.0amps (Flat Twin)	£12.44	£0.62
TW02/03	2 Core Thin Wall Trailer cable. 2 x 1mm. 16.0amps (Round twin)	£13.83	£0.69
TW03/01	3 Core Thin Wall Trailer cable. 3 x 1mm. 16.0amps (Round)	£22.37	£1.12
TW04/01	4 Core Thin Wall Trailer cable. 4 x 1mm. 16.0amps (Round)	£26.44	£1.32
TW05/01	5 Core Thin Wall Trailer cable. 5 x 1mm. 16.0amps (Round)	£30.66	£1.53
TW07/02	7 Core Thin Wall Trailer cable. 6 x 1mm. 16.0amps. 1 x 2mm 25.0amps (Round)	£40.94	£2.05

Standard wall cables. Suitable for use at temperatures up to 70°C

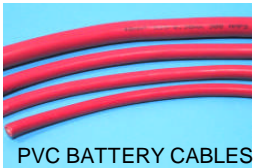
Item Ref.	Description	30mtrs	1mtr
1608	Standard Wall 6.0mm Nominal current 42.0 amps (Red, Brown, & Black)	£28.80	£1.44
1609	Standard Wall 7.0mm Nominal current 50.0 amps (Red)	£32.46	£1.62
1607	Standard Wall 8.5mm Nominal current 60.0 amps (Red)	£39.30	£1.97
1611	Standard Wall 10mm Nominal current 70.0 amps (Red)	£48.51	£2.43



Item Ref.	Description	30mtrs	1mtr
FT2/14/30	2 Core Flat Twin Red/Blk 8.75Amp	£12.45	£0.62
FT2/21/30	2 Core Flat Twin Red/Blk 12.75Amp. (To order)	£17.70	
FT2/28/30	2 Core Flat Twin Red/Blk 17.5Amp	£20.66	£1.03
FT2/35/30	2 Core Flat Twin Red/Blk 21.75Amp. (To order)	£28.43	
FT2/44/30	2 Core Flat Twin Red/Blk 27.5Amp	£34.48	£1.44

Extra Flexible Battery and Starter Cables. Maximum operating temperature 70°C

Item Ref.	Description. Extra Flexible is available in Red & Black only.	10mtrs	1mtr
PVC16/110	16mm Nom current 110 amps 206/0.30 Extra flexible	£24.30	£2.70
PVC20/135	20mm Nom current 135 amps 266/0.30 Extra flexible	£31.34	£3.48
PVC25/170	25mm Nom current 170 amps 322/0.30 Extra flexible	£35.89	£3.99
PVC35/240	35mm Nom current 240 amps 451/0.30 Extra flexible	£50.54	£5.62
PVC40/300	40mm Nom current 300 amps 539/0.30 Extra flexible	£62.50	£6.94



These PVC cables are resistant to petrol, oils and diluted acids


Battery Cable Make-up Service

We can make battery and power cables to your requirements.
Please contact us with cable size, length and relationship of lugs on each end.
Convolute tube can be fitted and all terminals are covered with either red or black heatshrink sleeving.

Cost: £6.00 per assembly plus cable, terminals and any covering.

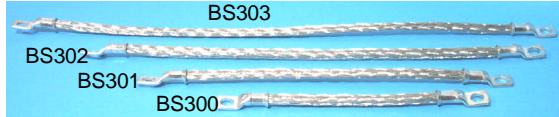
Jump Lead Sets, Battery box and Clamps

JL619	Jump lead set. 170A continuous rating. 3.5 mtrs long. Supplied in a clip handled poly bag.	£19.75
JL620	Jump lead set. 170A continuous rating. 5 mtrs long. Supplied in a clip handled poly bag.	£29.95
8750	Plastic battery box with cover. Internal dimentions L370 x W170 x H270mm	£32.96
8775	Battery hold down clamp. Punched angle bracket with 2 J bolts. Adjusts to fit most batteries .	£2.98



Braided Earth Cables and Jump Leads

Item Ref.	Description	1 off	10 off
BS300	Braided 19mm earth cable with two 8mm ring terminals. 150mm long	£1.73	£13.84
BS301	Braided 19mm earth cable with two 8mm ring terminals. 225mm long	£2.39	£19.12
BS302	Braided 19mm earth cable with two 8mm ring terminals. 300mm long	£2.98	£23.84
BS303	Braided 19mm earth cable with two 8mm ring terminals. 375mm long	£3.58	£28.64
BS501	Braided 19mm earth cable with 8mm ring terminal & battery terminal. 225mm long	£2.73	£21.84
BS502	Braided 19mm earth cable with 8mm ring terminal & battery terminal. 300mm long	£3.32	£26.56
BS503	Braided 19mm earth cable with 8mm ring terminal & battery terminal. 375mm long	£3.91	£31.28



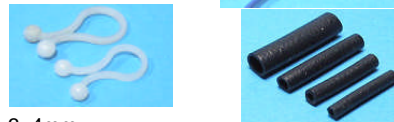
Screened Cables.

Item Ref.	Description	10mtrs	1mtr
SCN44-0.62/2	Raychem 44 Cable. (Outside Dia. 3.76mm. Weight 26.71g/m.) Raychem44 2-core screened cable. Wires tinned 0.62mm. (19/0.203mm) Operating temp. -65°C to +150°C. Resistant to fuels & oils.	£29.61	£3.70
SCN0.5/2	Description (Outside Dia. 2 core - 6.0mm, 3 core - 6.5mm,) 2 core copper screened. Black outer sleeve. Wires tinned 0.5mm	£10.40	£1.30
SCN0.5/3	3 core copper screened. Black outer sleeve. Wires tinned 0.5mm	£13.13	£1.64
SCN0.75/4	Description (Outside Dia. 7mm) 4 core copper screened. Grey outer sleeve. Wires 0.75mm	£14.88	£1.86
MINSCN2R	Description (Outside Dia. 3.5mm) 2 core foil screened. Red outer sleeve. Tinned wires 0.20mm.	£4.80	£0.60



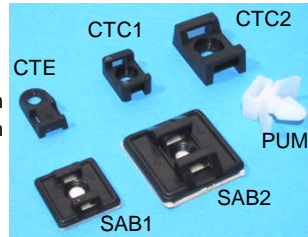
Cable Twist Locks & Neoprene Sleeves

Item Ref.	Description	1 off	10 off	50 off
TL2	Twist lock medium. (Bundle dia 7.6-10.2mm)		£0.20	£0.85
TL3	Twist lock large. (Bundle dia 10.2-12.7mm)		£0.30	£1.28
NS4	Pack of neoprene sleeves. 20 off each size 1.5, 2, 3, 4mm	£2.66		



Cable Tie Fixings

Item Ref.	Description	10 off	50 off	100 off
CTE	Cable Tie Eyelet for 4.8mm ties & smaller. Fixing hole 4.0mm	£0.80	£3.20	£5.60
CTC1	Cable Tie Cradle for 4.8mm ties & smaller. Fixing hole 3.8mm	£0.90	£3.60	£6.30
CTC2	Cable Tie Cradle for 7.8mm ties & smaller. Fixing hole 5.0mm	£1.10	£4.40	£7.70
SAB1	Self adhesive base with centre fixing hole. For 3.6mm ties	£0.80	£3.20	£5.60
SAB2	Self adhesive base with centre fixing hole. For 4.8mm ties	£1.10	£4.40	£7.70
PUM1	Push in cable tie mount. Max tie size 7.8mm. 6mm hole	£1.40	£5.60	£9.80



Cable Ties

Item Ref.	Description	1 off	10 off	50 off
RCT200B	Releasable Nylon Cable Tie 200mm x 7.5mm Black (Ideal for making wiring looms)	£0.10	£0.90	£4.00
SS200	Stainless steel tie wrap 200x 4.5mm. (Fixing exhaust wrap etc.)	£0.44	£3.96	£17.60
SS360	Stainless steel tie wrap 360x 4.5mm. (CV joint boots etc.)	£0.60	£5.40	£24.00

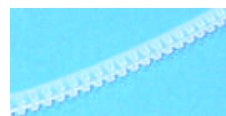
Cable Ties

Item Ref.	Description	1 Pack (100)
CT10025B	Nylon Cable Tie 100mm x 2.5mm Black	£0.36
CT10025W	Nylon Cable Tie 100mm x 2.5mm White	£0.36
CT20036B	Nylon Cable Tie 200mm x 3.6mm Black	£1.58
CT20036W	Nylon Cable Tie 200mm x 3.6mm White	£1.58
CT20048B	Nylon Cable Tie 200mm x 4.8mm Black	£1.72
CT20048W	Nylon Cable Tie 200mm x 4.8mm White	£1.72
CT29048B	Nylon Cable Tie 290mm x 4.8mm Black	£2.96
CT29048W	Nylon Cable Tie 290mm x 4.8mm White	£2.96
CT30078B	Nylon Cable Tie 300mm x 7.8mm Black	£5.98
CT30078W	Nylon Cable Tie 300mm x 7.8mm White	£5.98
CT50012B	Nylon Cable Tie 500mm x 12.5mm Black	£2.30



Grommet Strip


Item Ref.	Description	1mtr	10mtrs
GS41	Grommet strip for plate thickness 1.1-1.5mm	£0.32	£2.88
GS42	Grommet strip for plate thickness 1.6-2.0mm	£0.34	£3.06
GS44	Grommet strip for plate thickness 3.1-4.0mm	£0.65	£5.85

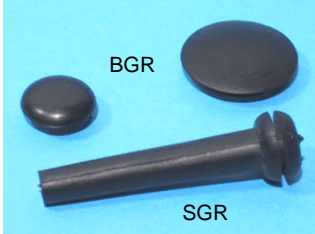


Large EPDM Through Panel Grommets


Item Ref.	Description	1 off	10 off
GR1801	EPDM Panel grommet. Panel hole 12.5mm. Cable hole 3-5mm.	£0.80	£6.40
GR1802	EPDM Panel grommet. Panel hole 16.0mm. Cable hole 5-7mm.	£0.82	£6.56
GR1803	EPDM Panel grommet. Panel hole 19.0mm. Cable hole 7-10mm.	£0.84	£6.72
GR1804	EPDM Panel grommet. Panel hole 23.0mm. Cable hole 10-14mm.	£0.86	£6.88
GR1805	EPDM Panel grommet. Panel hole 29.0mm. Cable hole 14-20mm.	£0.88	£7.04




PVC Wiring Grommets			10 off	50 off
Item Ref.	Description			
GR3.9	Black PVC wiring grommet. Panel hole 6.36mm. Cable hole 3.96mm		£0.50	£2.13
GR4.7	Black PVC wiring grommet. Panel hole 6.36mm. Cable hole 4.74mm		£0.50	£2.13
GR5.5	Black PVC wiring grommet. Panel hole 7.92mm. Cable hole 5.53mm		£0.50	£2.13
GR6.3	Black PVC wiring grommet. Panel hole 9.25mm. Cable hole 6.35mm		£0.50	£2.13
GR7.9	Black PVC wiring grommet. Panel hole 12.70mm. Cable hole 7.92mm		£0.60	£2.55
GR9.5	Black PVC wiring grommet. Panel hole 12.70mm. Cable hole 9.52mm		£0.70	£2.98
GR11.0	Black PVC wiring grommet. Panel hole 15.87mm. Cable hole 11.09mm		£1.00	£4.25
GR12.7	Black PVC wiring grommet. Panel hole 19.05mm. Cable hole 12.70mm		£1.40	£5.95
GR15.8	Black PVC wiring grommet. Panel hole 20.62mm. Cable hole 15.87mm		£1.70	£7.23
GR19.0	Black PVC wiring grommet. Panel hole 25.40mm. Cable hole 19.05mm		£2.00	£8.50


PVC Blanking Grommets			5off	10 off
Item Ref.	Description			
BGR6.3	Black PVC blanking grommet. Panel hole 6.35mm.		£1.00	£1.00
BGR9.5	Black PVC blanking grommet. Panel hole 9.52mm.		£1.10	£1.10
BGR12.7	Black PVC blanking grommet. Panel hole 12.70mm.		£1.20	£1.20
BGR15.8	Black PVC blanking grommet. Panel hole 15.87mm.		£1.30	£1.30
BGR19.0	Black PVC blanking grommet. Panel hole 19.05mm.		£1.60	£1.60
BGR22.2	Black PVC blanking grommet. Panel hole 22.22mm.		£1.70	£1.70
BGR25.4	Black PVC blanking grommet. Panel hole 25.40mm.		£1.80	£1.80
BGR31.7	Black PVC blanking grommet. Panel hole 31.75mm.		£2.00	£2.00

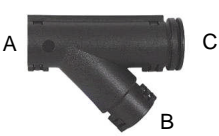
Sleeved Grommets			5off	10 off
Item Ref.	Description			
SGR	Sleeved grommet. Panel hole 9.0mm. Cable hole 5.1mm. Sleeve length 42.9mm		£1.00	£1.60


Cable Protection System. Operating Temp -40 to 120°C. Self extinguishing			1mtr	10mtrs	50mtrs
Item Ref.	Description. For split tubing, prefix part No. with S				
CT4.5	Unsplit Nylon Convuluted Tubing Int dia.5.0mm. Ext dia. 7.1mm		£0.41	£3.69	£16.40
CT7.5	Unsplit Nylon Convuluted Tubing Int dia.6.7mm. Ext dia. 10.0mm		£0.49	£4.41	£19.60
CT10	Unsplit Nylon Convuluted Tubing Int dia.9.9mm. Ext dia. 13.0mm		£0.52	£4.68	£20.80
CT13	Unsplit Nylon Convuluted Tubing Int dia.12.7mm. Ext dia. 15.8mm		£0.66	£5.94	£26.40
CT17	Unsplit Nylon Convuluted Tubing Int dia.16.6mm. Ext dia. 21.2mm		£0.90	£8.10	£36.00
CT22	Unsplit Nylon Convuluted Tubing Int dia.21.3mm. Ext dia. 25.4mm		£1.13	£10.17	£45.20

Description. Split, Lockable tube			1mtr	10mtrs	50mtrs
Item Ref.	Description				
LCT10	Split Lockble Convuluted Tubing Int dia.8.6mm. Ext dia. 13.0mm		£0.68	£6.12	£27.20
LCT13	Split Lockble Convuluted Tubing Int dia.11.2mm. Ext dia. 15.8mm		£0.80	£7.20	£32.00
LCT17	Split Lockble Convuluted Tubing Int dia.14.9mm. Ext dia. 21.3mm		£1.20	£10.80	£48.00
LCT22	Split Lockble Convuluted Tubing Int dia.19.0mm. Ext dia. 25.6mm		£1.59	£14.31	£63.60

Convuluted Tubing Connectors and Fitting. (Numbers correspond to tube numbers)

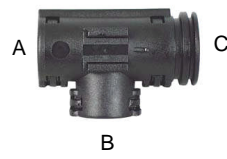
Description.			1 off	10 off
Item Ref.	Description.			
CTF100	Cable feeding tube for split convoluted tube. Up to CT10		£1.00	£9.00
CTF101	Cable feeding tube for split convoluted tube. Over CT10		£1.76	£15.84

Description. ABC shown on the picture refer to tube numbers.			1 off	10 off	50 off
Item Ref.	Description				
CTY61	Black nylon unsealed 'Y' piece connector. Tube No. CT4.5/4.5/4.5		£0.23	£2.07	£9.20
CTY62	Black nylon unsealed 'Y' piece connector. Tube No. CT7.5/4.5/4.5		£0.23	£2.07	£9.20
CTY63	Black nylon unsealed 'Y' piece connector. Tube No. CT7.5/4.5/7.5		£0.23	£2.07	£9.20
CTY64	Black nylon unsealed 'Y' piece connector. Tube No. CT7.5/7.5/7.5		£0.23	£2.07	£9.20
CTY65	Black nylon unsealed 'Y' piece connector. Tube No. CT10/10/10		£0.35	£3.15	£14.00
CTY66	Black nylon unsealed 'Y' piece connector. Tube No. CT13/7.5/10		£0.35	£3.15	£14.00
CTY67	Black nylon unsealed 'Y' piece connector. Tube No. CT13/10/10		£0.43	£3.87	£17.20
CTY68	Black nylon unsealed 'Y' piece connector. Tube No. CT13/10/13		£0.45	£4.05	£18.00
CTY69	Black nylon unsealed 'Y' piece connector. Tube No. CT13/13/13		£0.46	£4.14	£18.40
CTY75	Black nylon unsealed 'Y' piece connector. Tube No. CT17/10/17		£0.63	£5.67	£25.20
CTY70	Black nylon unsealed 'Y' piece connector. Tube No. CT17/13/10		£0.49	£4.41	£19.60
CTY71	Black nylon unsealed 'Y' piece connector. Tube No. CT17/13/13		£0.52	£4.68	£20.80
CTY72	Black nylon unsealed 'Y' piece connector. Tube No. CT22/10/17		£0.54	£4.86	£21.60
CTY73	Black nylon unsealed 'Y' piece connector. Tube No. CT22/13/17		£0.55	£4.95	£22.00
CTY74	Black nylon unsealed 'Y' piece connector. Tube No. CT22/17/17		£0.55	£4.95	£22.00

Description			1 off	10 off
Item Ref.	Description			
CTE10	Black nylon unsealed elbow connector for CT10 tube		£0.52	£4.68
CTE13	Black nylon unsealed elbow connector for CT13 tube		£0.54	£4.86
CTE17	Black nylon unsealed elbow connector for CT17 tube		£0.55	£4.95
CTE22	Black nylon unsealed elbow connector for CT22 tube		£0.60	£5.40

Description.			1 off	10 off	50 off
Item Ref.	Description				
CTA7.5	A-Manifold cable breakout for CT7.5 tube		£0.22	£1.98	£8.80
CTA10	A-Manifold cable breakout for CT10 tube		£0.24	£2.16	£9.60
CTA13	A-Manifold cable breakout for CT13 tube		£0.25	£2.25	£10.00
CTA17	A-Manifold cable breakout for CT17tube		£0.31	£2.79	£12.40
CTA22	A-Manifold cable breakout for CT22 tube		£0.36	£3.24	£14.40

Item Ref.	Description. ABC shown on the picture refer to tube numbers.	1 off	10 off	50 off
CTT80	Black nylon unsealed 'T' piece connector. Tube No. CT4.5/4.5/4.5	£0.23	£2.07	£9.20
CTT81	Black nylon unsealed 'T' piece connector. Tube No. CT7.5/4.5/7.5	£0.23	£2.07	£9.20
CTT82	Black nylon unsealed 'T' piece connector. Tube No. CT7.5/7.5/4.5	£0.30	£2.70	£12.00
CTT83	Black nylon unsealed 'T' piece connector. Tube No. CT7.5/7.5/7.5	£0.23	£2.07	£9.20
CTT84	Black nylon unsealed 'T' piece connector. Tube No. CT10/4.5/7.5	£0.52	£4.68	£20.80
CTT85	Black nylon unsealed 'T' piece connector. Tube No. CT10/4.5/10	£0.35	£3.15	£14.00
CTT86	Black nylon unsealed 'T' piece connector. Tube No. CT10/7.5/4.5	£0.35	£3.15	£14.00
CTT87	Black nylon unsealed 'T' piece connector. Tube No. CT10/7.5/10	£0.35	£3.15	£14.00
CTT88	Black nylon unsealed 'T' piece connector. Tube No. CT10/10/4.5	£0.48	£4.32	£19.20
CTT89	Black nylon unsealed 'T' piece connector. Tube No. CT10/10/7.5	£0.35	£3.15	£14.00
CTT90	Black nylon unsealed 'T' piece connector. Tube No. CT10/10/10	£0.35	£3.15	£14.00
CTT92	Black nylon unsealed 'T' piece connector. Tube No. CT13/7.5/13	£0.35	£3.15	£14.00
CTT94	Black nylon unsealed 'T' piece connector. Tube No. CT13/10/7.5	£0.80	£7.20	£32.00
CTT95	Black nylon unsealed 'T' piece connector. Tube No. CT13/10/13	£0.35	£3.15	£14.00
CTT96	Black nylon unsealed 'T' piece connector. Tube No. CT13/13/7.5	£0.35	£3.15	£14.00
CTT97	Black nylon unsealed 'T' piece connector. Tube No. CT13/13/10	£0.35	£3.15	£14.00
CTT98	Black nylon unsealed 'T' piece connector. Tube No. CT17/4.5/17	£0.39	£3.51	£15.60
CTT99	Black nylon unsealed 'T' piece connector. Tube No. CT17/7.5/13	£0.39	£3.51	£15.60
CTT100	Black nylon unsealed 'T' piece connector. Tube No. CT17/7.5/17	£0.39	£3.51	£15.60
CTT101	Black nylon unsealed 'T' piece connector. Tube No. CT17/10/13	£0.38	£3.42	£15.20
CTT102	Black nylon unsealed 'T' piece connector. Tube No. CT17/10/17	£0.39	£3.51	£15.60
CTT103	Black nylon unsealed 'T' piece connector. Tube No. CT17/13/13	£0.39	£3.51	£15.60
CTT104	Black nylon unsealed 'T' piece connector. Tube No. CT17/13/17	£0.52	£4.68	£20.80
CTT105	Black nylon unsealed 'T' piece connector. Tube No. CT17/17/7.5	£0.39	£3.51	£15.60
CTT106	Black nylon unsealed 'T' piece connector. Tube No. CT17/22/17	£0.45	£4.05	£18.00
CTT107	Black nylon unsealed 'T' piece connector. Tube No. CT22/4.5/22	£0.49	£4.41	£19.60
CTT108	Black nylon unsealed 'T' piece connector. Tube No. CT22/7.5/22	£0.49	£4.41	£19.60
CTT109	Black nylon unsealed 'T' piece connector. Tube No. CT22/10/10	£0.74	£6.66	£29.60
CTT111	Black nylon unsealed 'T' piece connector. Tube No. CT22/10/22	£0.49	£4.41	£19.60
CTT112	Black nylon unsealed 'T' piece connector. Tube No. CT22/13/17	£0.49	£4.41	£19.60
CTT113	Black nylon unsealed 'T' piece connector. Tube No. CT22/13/22	£0.49	£4.41	£19.60
CTT114	Black nylon unsealed 'T' piece connector. Tube No. CT22/17/13	£0.49	£4.41	£19.60
CTT115	Black nylon unsealed 'T' piece connector. Tube No. CT22/22/10	£0.49	£4.41	£19.60
CTT116	Black nylon unsealed 'T' piece connector. Tube No. CT22/22/13	£0.63	£5.67	£25.20
CTT117	Black nylon unsealed 'T' piece connector. Tube No. CT22/22/22	£0.49	£4.41	£19.60
CTF4.5	Black nylon chassis clip for CT4.5 tube.	£0.12	£1.08	£4.80
CTF7.5	Black nylon chassis clip for CT7.5 tube.	£0.14	£1.26	£5.60
CTF10	Black nylon chassis clip for CT10 tube.	£0.15	£1.35	£6.00
CTF13	Black nylon chassis clip for CT13 tube.	£0.17	£1.53	£6.80
CTF17	Black nylon chassis clip for CT17 tube.	£0.20	£1.80	£8.00
CTF22	Black nylon chassis clip for CT22 tube.	£0.21	£1.89	£8.40
Item Ref.	Description. Interface heads for AMP connectors.	1 off	10 off	50 off
CTA121	Superseal 2 way unsealed head. In-line. For CT4.5 tube.	£0.24	£2.16	£9.60
CTA122	Superseal 2 way unsealed head. In-line. For CT7.5 tube.	£0.26	£2.34	£10.40
CTA123	Superseal 2 way unsealed head. 90 deg. For CT4.5 tube.	£0.28	£2.52	£11.20
CTA124	Superseal 2 way unsealed head. 90 deg. For CT7.5 tube.	£0.27	£2.43	£10.80
CTA125	Superseal 3 way unsealed head. In-line. For CT7.5 tube.	£0.27	£2.43	£10.80
CTA126	Superseal 3 way unsealed head. 90 deg..For CT10 tube.	£0.29	£2.61	£11.60
CTA127	Superseal 4 way unsealed head. In-line. For CT7.5 tube.	£0.31	£2.79	£12.40
CTA128	Superseal 5 way unsealed head. In-line. For CT10 tube.	£0.36	£3.24	£14.40
CTA129	Superseal 6 way unsealed head. In-line. For CT10 tube.	£0.36	£3.24	£14.40
CTA130	Junior Power Timer 2 way unsealed head. In-line. For CT4.5 tube.	£0.52	£4.68	£20.80
CTA131	Junior Power Timer 2 way unsealed head. 45 deg. For CT4.5 tube.	£0.31	£2.79	£12.40
CTA132	Junior Power Timer 3 way unsealed head. In-line. For CT4.5 tube.	£0.44	£3.96	£17.60
CTA133	Junior Power Timer 3 way unsealed head. 90 deg. For CT7.5 tube.	£0.47	£4.23	£18.80
CTA134	Junior Power Timer 4 way unsealed head. In-line. For CT7.5 tube.	£0.68	£6.12	£27.20
CTA135	Junior Power Timer 5 way unsealed head. In-line. For CT7.5 tube.	£0.72	£6.48	£28.80
CTA136	Junior Power Timer 6 way unsealed head. In-line. For CT10 tube.	£0.77	£6.93	£30.80
Item Ref.	Description. Connector Tube Reducers & End Caps	1 off	10 off	50 off
CTR151	Black nylon convoluted tube reducer. CT10 to CT4.5	£0.16	£1.44	£6.40
CTR152	Black nylon convoluted tube reducer. CT10 to CT7.5	£0.16	£1.44	£6.40
CTR153	Black nylon convoluted tube reducer. CT13 to CT7.5	£0.16	£1.44	£6.40
CTR154	Black nylon convoluted tube reducer. CT13 to CT10	£0.16	£1.44	£6.40
CTR155	Black nylon convoluted tube reducer. CT17 to CT13	£0.18	£1.62	£7.20
CTR156	Black nylon convoluted tube reducer. CT22 to CT17	£0.18	£1.62	£7.20
CEC10-1	PVC end cap for CT10 tube. Single cable outlet	£0.23	£2.07	£9.20
CEC13	PVC end cap for CT13 tube. 6 cable outlets	£0.26	£2.34	£10.40
CEC13-1	PVC end cap for CT13 tube. Single cable outlet	£0.26	£2.34	£10.40
CEC17	PVC end cap for CT17 tube. Single cable outlet	£0.34	£3.06	£13.60
CEC22	PVC end cap for CT22 tube. Single cable outlet	£0.59	£5.31	£23.60



Item Ref.	Description. Interface heads for through panel.		1 off	10 off	50 off	
CTA160	Through panel / enclosure tube end connector. In-line for CT10 tube		£0.73	£6.57	£29.20	
CTA161	Through panel / enclosure tube end connector. In-line for CT13 tube		£0.75	£6.75	£30.00	
CTA162	Through panel / enclosure tube end connector. In-line for CT17 tube		£1.04	£9.36	£41.60	
CTA163	Through panel / enclosure tube end connector. In-line for CT22 tube		£1.26	£11.34	£50.40	
CTA164	Through panel / enclosure tube end connector. 90 deg. for CT10 tube		£1.52	£13.68	£60.80	
CTA165	Through panel / enclosure tube end connector. 90 deg. for CT13 tube		£1.60	£14.40	£64.00	
CTA166	Through panel / enclosure tube end connector. 90 deg. for CT17 tube		£1.80	£16.20	£72.00	
CTA167	Through panel / enclosure tube end connector. 90 deg. for CT22 tube		£2.05	£18.45	£82.00	
Item Ref.	Description. Aluminium Rubber Lined P clips.		1 off	10 off	25 off	
PA50	Aluminium Rubber Lined P clip 4.8mm		£0.52	£4.68	£10.40	
PA51	Aluminium Rubber Lined P clip 6.4mm		£0.55	£4.95	£11.00	
PA52	Aluminium Rubber Lined P clip 7.9mm		£0.56	£5.04	£11.20	
PA53	Aluminium Rubber Lined P clip 9.5mm		£0.58	£5.22	£11.60	
PA54	Aluminium Rubber Lined P clip 11.1mm		£0.64	£5.76	£12.80	
PA55	Aluminium Rubber Lined P clip 12.7mm		£0.68	£6.12	£13.60	
PA56	Aluminium Rubber Lined P clip 14.3mm		£0.69	£6.21	£13.80	
PA57	Aluminium Rubber Lined P clip 15.9mm		£0.72	£6.48	£14.40	
PA58	Aluminium Rubber Lined P clip 17.5mm		£0.75	£6.75	£15.00	
PA59	Aluminium Rubber Lined P clip 19.1mm		£0.80	£7.20	£16.00	
PA60	Aluminium Rubber Lined P clip 22.4mm		£0.85	£7.65	£17.00	
PA61	Aluminium Rubber Lined P clip 25.4mm		£0.93	£8.37	£18.60	
Item Ref.	Description. Zinc plated steel P clips. 6.5mm hole. Black Liner			1 off	10 off	50 off
PS50	Steel Rubber Lined P clip 4.8mm (Marked 5)		£0.18	£1.62	£7.20	£13.50
PS51	Steel Rubber Lined P clip 6.4mm (Marked 6)		£1.42	£12.78	£56.80	£106.50
PS52	Steel Rubber Lined P clip 7.9mm (Marked 8)		£0.21	£1.89	£8.40	£15.75
PS53	Steel Rubber Lined P clip 9.5mm (Marked 10)		£0.23	£2.07	£9.20	£17.25
PS54	Steel Rubber Lined P clip 11.1mm (Marked 11)		£0.24	£2.16	£9.60	£18.00
PS55	Steel Rubber Lined P clip 12.7mm (Marked 13)		£0.28	£2.52	£11.20	£21.00
PS56	Steel Rubber Lined P clip 14.3mm (Marked 14)		£0.30	£2.70	£12.00	£22.50
PS57	Steel Rubber Lined P clip 15.9mm (Marked 16)		£0.31	£2.79	£12.40	£23.25
PS58	Steel Rubber Lined P clip 17.5mm (Marked 18)		£0.34	£3.06	£13.60	£25.50
PS59	Steel Rubber Lined P clip 19mm (Marked 19)		£0.37	£3.33	£14.80	£27.75
PS60	Steel Rubber Lined P clip 20.6mm (Marked 21)		£0.39	£3.51	£15.60	£29.25
PS61	Steel Rubber Lined P clip 22.2mm (Marked 22)		£0.40	£3.60	£16.00	£30.00
PS62	Steel Rubber Lined P clip 25.4mm (Marked 25)		£0.43	£3.87	£17.20	£32.25
PS63	Steel Rubber Lined P clip 28.6mm (Marked 29)		£0.50	£4.50	£20.00	£37.50
PS64	Steel Rubber Lined P clip 31.8mm (Marked 32)		£0.68	£6.12	£27.20	£51.00
PS65	Steel Rubber Lined P clip 34.9mm (Marked 35)	£0.84	£7.56	£33.60	£63.00	
Item Ref.	Description. High Quality Clips. (Temp range -50°C to +160°C) Grey Liner		1 off	10 off	25 off	
SPS50	Hi-temp Stainless Steel Rubber Lined P clip 5mm		£0.60	£5.40	£12.00	
SPS51	Hi-temp Stainless Steel Rubber Lined P clip 6mm		£0.61	£5.49	£12.20	
SPS52	Hi-temp Stainless Steel Rubber Lined P clip 8mm		£0.63	£5.67	£12.60	
SPS53	Hi-temp Stainless Steel Rubber Lined P clip 9mm		£0.64	£5.76	£12.80	
SPS54	Hi-temp Stainless Steel Rubber Lined P clip 10mm		£0.65	£5.85	£13.00	
SPS55	Hi-temp Stainless Steel Rubber Lined P clip 12mm		£0.67	£6.03	£13.40	
SPS56	Hi-temp Stainless Steel Rubber Lined P clip 13mm		£0.68	£6.12	£13.60	
SPS57	Hi-temp Stainless Steel Rubber Lined P clip 16mm		£0.71	£6.39	£14.20	
SPS58	Hi-temp Stainless Steel Rubber Lined P clip 19mm		£0.76	£6.84	£15.20	
SPS59	Hi-temp Stainless Steel Rubber Lined P clip 21mm		£0.81	£7.29	£16.20	
SPS60	Hi-temp Stainless Steel Rubber Lined P clip 22mm		£0.82	£7.38	£16.40	
SPS61	Hi-temp Stainless Steel Rubber Lined P clip 25mm		£0.84	£7.56	£16.80	
SPS62	Hi-temp Stainless Steel Rubber Lined P clip 28mm		£0.88	£7.92	£17.60	
SPS63	Hi-temp Stainless Steel Rubber Lined P clip 32mm		£0.94	£8.46	£18.80	
SPS64	Hi-temp Stainless Steel Rubber Lined P clip 35mm		£0.99	£8.91	£19.80	
Item Ref.	Description		1 off	10 off	25 off	50 off
PB50	Brass P clip for cables up to 5mm. 3.2mm fixing hole.		£0.27	£2.43	£5.40	
PB51	Brass P clip for cables up to 10mm. 4.2mm fixing hole.		£0.42	£3.78	£8.40	
PB52	Brass P clip for cables up to 15mm. 5mm fixing hole.		£0.44	£3.96	£8.80	
PB53	Brass P clip for cables up to 20mm. 6.4mm fixing hole.		£0.50	£4.50	£10.00	
PB55	Brass P clip for cables up to 22mm. 5mm fixing hole.		£0.57	£5.13	£11.40	
PB57	Brass P clip for cables up to 25mm. 5mm fixing hole.		£0.80	£7.20	£16.00	£50 off
PN50	Black Nylon P clip 4.8mm			£0.40	£0.80	£1.50
PN51	Black Nylon P clip 6.4mm (CT4.5)		£0.40	£0.80	£1.50	
PN52	Black Nylon P clip 7.9mm		£0.50	£1.00	£1.88	
PN53	Black Nylon P clip 9.5mm, (CT7.5)		£0.50	£1.00	£1.88	
PN54	Black Nylon P clip 12.7mm, 1/2" (CT10)		£0.60	£1.20	£2.25	
PN55	Black Nylon P clip 15.8mm, 5/8" (CT13)		£0.70	£1.40	£2.63	
PN57	Black Nylon P clip 19.4mm, 3/4"		£0.90	£1.80	£3.38	
PN58	Black Nylon P clip 22.1mm, 7/8" (CT17)		£1.70	£3.40	£6.38	
PN59	Black Nylon P clip 25.4mm, 1" (CT22)		£1.10	£2.20	£4.13	

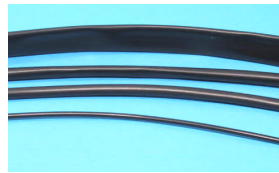
Heatshrink Sleeving. 2:1 Shrink ratio

Sizes 2.4 to 19.1mm available in Black and Red. Sizes 4.8 to 19.1mm available in Yellow, Blue (U), White & Clear. All other sizes available in black only

Operating Temp. -55°C to +125°C. Shrink Temp. Starts at +70° & totally shrunk at +115°C. UL Approved.

Please specify colour required.

Item Ref.	Description	1mtr	10mtrs	25mtrs
HS02.4	Shrink range 2.4 to 1.2mm. (Black & Red)	£0.46	£3.91	£9.20
HS03.2	Shrink range 3.2 to 1.6mm. (Black & Red)	£0.50	£4.25	£10.00
HS04.8	Shrink range 4.8 to 2.4mm. (B,R,Y,U,W,C)	£0.53	£4.51	£10.60
HS06.4	Shrink range 6.3 to 3.2mm. (B,R,Y,U,W,C)	£0.61	£5.19	£12.20
HS09.5	Shrink range 9.5 to 4.8mm. (B,R,Y,U,W,C)	£0.76	£6.46	£15.20
HS12.7	Shrink range 12.7 to 6.4mm. (B,R,Y,U,W,C)	£0.86	£7.31	£17.20
HS19.1	Shrink range 19.1 to 9.5mm. (B,R,Y,U,W,C)	£1.26	£10.71	£25.20
HS25.4B	Shrink range 25.4 to 12.7mm. (Black)	£1.52	£12.92	£30.40
HS38.1B	Shrink range 38.1 to 19.1mm.(Black)	£2.21	£18.79	£44.20
HS50.8B	Shrink range 50.8 to 25.4mm. (Black)	£2.60	£22.10	£52.00



Adhesive Lined Heatshrink Sleeving. 3:1 Shrink ratio. Supplied in 1.2mtr lengths only.

Item Ref.	Description	1.22mtr
HSA1B	Adhesive lined. Shrink range 3.0 to 1.0mm. Black	£1.50
HSA2B	Adhesive lined. Shrink range 4.0 to 1.3mm. Black	£2.24
HSA3B	Adhesive lined. Shrink range 6.0 to 2.0mm. Black	£2.84
HSA4B	Adhesive lined. Shrink range 9.0 to 3.0mm. Black	£3.30
HSA5B	Adhesive lined. Shrink range 12.0 to 4.0mm. Black	£4.32
HSA6B	Adhesive lined. Shrink range 18.0 to 6.0mm. Black	£5.76
HSA8B	Adhesive lined. Shrink range 24.0 to 8.0mm. Black	£6.44



PVC Sleeving. Supplied in 5 mtr coils only.

Item Ref.	Description	5mtrs
SL04	PVC Sleeving Inside Diameter 4mm	£0.95
SL05	PVC Sleeving Inside Diameter 5mm	£1.00
SL06	PVC Sleeving Inside Diameter 6mm	£1.10
SL08	PVC Sleeving Inside Diameter 8mm	£1.40
SL10	PVC Sleeving Inside Diameter 10mm	£1.75
SL12	PVC Sleeving Inside Diameter 12mm	£2.05
SL14	PVC Sleeving Inside Diameter 14mm	£2.40
SL16	PVC Sleeving Inside Diameter 16mm	£2.80



Expandable Braided Polyester Sleeving.

It is recommended that cut sleeving ends be fused with a soldering iron to prevent fraying

Item Ref.	Description. Temp range -50 to 130°C	1mtr	5mtrs
EB12	Expandable polyester sleeving . Nom bore 6mm. Expanded bore 12mm	£0.55	£2.48
EB18	Expandable polyester sleeving . Nom bore 10mm. Expanded bore 18mm	£0.88	£3.96
EB25	Expandable polyester sleeving . Nom bore 15mm. Expanded bore 25mm	£1.45	£6.53
EB30	Expandable polyester sleeving . Nom bore 20mm. Expanded bore 30mm	£1.58	£7.11
EB36	Expandable polyester sleeving . Nom bore 25mm. Expanded bore 36mm	£1.90	£8.55

Polyester Braided Sleeving



Hi-temp Expandable Glass Fibre Sleeving.

Description. Max short term temp 400°C

Item Ref.	Description. Max short term temp 400°C	1mtr	5mtrs
ET06	Expandable Glass Fibre Sleeving Nom bore 2mm Expanded bore 6mm	£1.20	£5.40
ET18	Expandable Glass Fibre Sleeving Nom bore 6mm Expanded bore 18mm	£1.90	£8.55
ET30	Expandable Glass Fibre Sleeving Nom bore 10mm Expanded bore 30mm	£3.80	£17.10
ET50	Expandable Glass Fibre Sleeving Nom bore 20mm Expanded bore 50mm	£5.00	£22.50

Glass Fibre Sleeving



Spiral Binding

Item Ref.	Description	5mtrs	25mtrs
SB2	Overall Dia. 6.4mm Bundle Dia. 4.4-50mm Black	£1.80	£7.20
SB3	Overall Dia. 12.7mm Bundle Dia. 9-100mm Black	£3.00	£12.00



NEW

Item Ref.	Description	1mtr
PV241	Velcro Heavy Duty stick on tape 50mm x 1 Mtr. Boxed Ideal for fixing ECU's etc.	£6.90

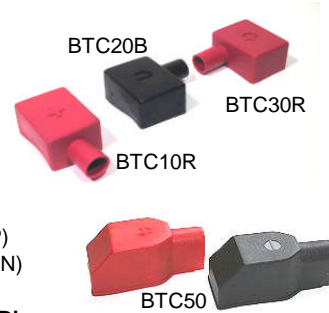
Tape

Item Ref.	Description	1 off	10 off	50 off
PV718	PVC insulation tape, Adhesive. 19mm x 20m	£0.76	£6.84	£30.40
+ colour	Black, Red, Green, Blue, Yellow, White			
PV740B	Self adhesive fleece harness tape. Designed to resist vibration. 19mm x 20m	£6.83	£61.47	
PV600B	PVC Loom tape. Non adhesive, Black. 19mm x 20m	£1.28	£11.52	£51.20
PV650B	PVC Loom tape. Non adhesive, Black. 25mm x 20m	£1.66	£14.94	£66.40
CT514	Polyester Fabric Cloth tape 0.17mm thick. 19mm x 25m	£2.58	£23.22	
CT525SE	Polyester Fabric Cloth tape 0.25mm thick. 19mm x 25m	£3.50	£31.50	
PV751B	Self Amalgamating tape. 25mm x 10m	£8.28	£74.52	
TANKTAPE	Tank (Gaffer) tape 50mm x 50mtrs. Black, Silver or White (Please State)	£4.95	£44.55	

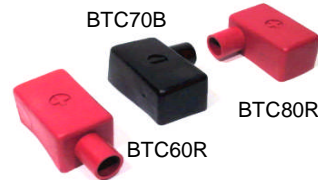


Battery Terminal Covers

Item Ref.	Description	1 off	10 off
	Internal Dim. L 48mm, W 35mm, H 25mm Hole 14mm Dia		
BTC10R	Battery Terminal Cover Red End entry	£0.57	£5.13
BTC10B	Battery Terminal Cover Black End entry	£0.57	£5.13
BTC20R	Battery Terminal Cover Red Right entry	£0.57	£5.13
BTC20B	Battery Terminal Cover Black Right entry	£0.57	£5.13
BTC30R	Battery Terminal Cover Red Left entry	£0.57	£5.13
BTC30B	Battery Terminal Cover Black Left entry	£0.57	£5.13
BTC50R	Large Tall Battery Terminal Cover Red. End entry (For terminal BT461P)	£0.95	£8.55
BTC50B	Large Tall Battery Terminal Cover Black. End entry (For terminal BT461N)	£0.95	£8.55



Item Ref.	Description. Internal Dim. L 62mm, W 35mm, H 28mm Hole 16mm Dia	1 off	10 off
BTC60R	Battery Terminal Cover Red End entry	£0.57	£5.13
BTC60B	Battery Terminal Cover Black End entry	£0.57	£5.13
BTC70R	Battery Terminal Cover Red Right entry	£0.57	£5.13
BTC70B	Battery Terminal Cover Black Right entry	£0.57	£5.13
BTC80R	Battery Terminal Cover Red Left entry	£0.57	£5.13
BTC80B	Battery Terminal Cover Black Left entry	£0.57	£5.13



Terminal Covers

Item Ref.	Description	1 off	10 off
AC1	Rubber Terminal Cover. Cap dia. 11mm Sleeve dia. 6mm	£0.19	£1.71
AC2	Rubber Terminal Cover. Cap dia. 15mm Sleeve dia. 7.5mm	£0.22	£1.98
AC3	Rubber Terminal Cover. Cap dia. 15mm Sleeve dia. 9mm	£0.27	£2.43
AC4	PVC Terminal Cover. Cap 27mmx20mm Sleeve dia.17mm	£0.51	£4.59



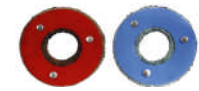
Item Ref.	Description. Red Terminal Covers. (Black available by special bulk order only)	1 off	10 off
AC5R or B	Soft PVC Terminal Cover. Cap dia. 12mm Sleeve dia. 12.7mm. Cable grip dia 3.3-7mm	£0.44	£3.96
AC6R or B	Soft PVC Terminal Cover. Cap dia. 12mm Sleeve dia. 12.7mm. Cable grip dia. 7.3-11.5mm	£0.44	£3.96
AC7R or B	Soft PVC Terminal Cover. Cap dia. 14mm Sleeve dia. 12.7mm. Cable grip dia. 7.3-11.5mm	£0.59	£5.31
AC8R or B	Soft PVC Terminal Cover. Cap dia. 16mm Sleeve dia. 12.7mm. Cable grip dia. 7.3-11.5mm	£0.74	£6.66
AC9R or B	Soft PVC Terminal Cover. Cap dia. 18mm Sleeve dia. 12.7mm. Cable grip dia. 7.3-11.5mm	£0.83	£7.47
AC10R or B	Soft PVC Terminal Cover. Cap dia. 20mm Sleeve dia. 17.8mm. Cable grip dia. 12.7-15mm	£0.94	£8.46
AC11R or B	Soft PVC Terminal Cover. Cap dia. 22mm Sleeve dia. 17.8mm. Cable grip dia. 12.7-15mm	£1.00	£9.00
AC12R or B	Soft PVC Terminal Cover. Cap dia. 24mm Sleeve dia. 17.8mm. Cable grip dia. 12.7-15mm	£1.14	£10.26
AC13R or B	Soft PVC Terminal Cover. Cap dia. 26mm Sleeve dia. 17.8mm. Cable grip dia. 12.7-15mm	£1.24	£11.16
AC14R or B	Soft PVC Terminal Cover. Cap dia. 28mm Sleeve dia. 19.1mm. Cable grip dia. 12.7-17mm	£1.37	£12.33

Battery Terminals

Item Ref.	Description	1 off	10 off
BT66R	Quick release battery connector +ve. Red	£4.50	£40.50
BT67U	Quick release battery connector -ve. Blue	£4.50	£40.50
BT68B	Quick release battery connector -ve. Black	£4.50	£40.50

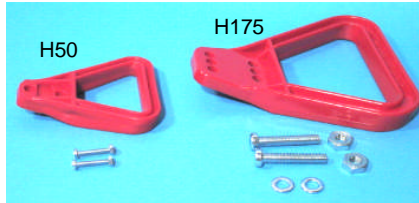
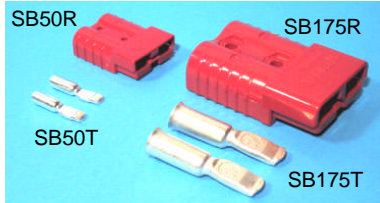


BT210	Negative Disconnect Battery Terminal with green operating wheel.		
BT215	As above but with bridging fuse (15A) holder to maintain clock feed etc.		
BC40R	Battery clip. Red. 75mm long. 6.35mm spade terminal connection. (Supplied)	£6.97	
BC40B	Battery clip. Black. 75mm long. 6.35mm spade terminal connection. (Supplied)	£9.47	
BT450N	Negative Battery terminal with 2 screw cable fixings. For cables up to 35mm2	£2.31	
BT450P	Positive Battery terminal with 2 screw cable fixings. For cables up to 35mm2	£2.31	
BT475N	Negative Battery terminal for soldering. For cables 16mm2	£1.78	£16.02
BT475P	Positive Battery terminal for soldering. For cables 16mm2	£1.78	£16.02
BT464N	Negative Battery terminal for soldering. For cables 20-25mm2	£2.81	£25.29
BT464P	Positive Battery terminal for soldering. For cables 20-25mm2	£2.81	£25.29
BT453N	Negative Battery terminal for soldering. For cables 35-40mm2	£3.75	£33.75
BT453P	Positive Battery terminal for soldering. For cables 35-40mm2	£3.75	£33.75
BT461N	Negative Battery terminal with 8mm stud.	£3.75	£33.75
BT461P	Positive Battery terminal with 8mm stud.	£3.75	£33.75
BT440N	Negative Battery terminal with 3 studs. 2x6mm, 1x8mm	£2.91	£26.19
BT440P	Positive Battery terminal with 3 studs. 2x6mm, 1x8mm	£2.91	£26.19
BTNB	Replacement nut and bolt for most battery terminals. 32mm long	£2.80	£25.20
13900	Battery post anti corrode washer. Helps prevent deterioration of terminals. 1 pair.	£2.80	£25.20
13999	Anti corrosive compound. Helps prevent deterioration of terminals. 1 tube.	£0.25	£2.25



Connectors

Item Ref.	Description (Spare terminals available for 50A & 175A Connectors.)	1 off	10 off
SB50R	50A High current battery connector (Red)	£4.94	£44.46
H50	Handle for 50A connector (Red)	£3.75	£33.75
SB50T	Spare terminals for 50A & 75A (1451 & 3) connectors. 6 or 16mm cable (Pair) Please state size	£1.95	£17.55
SB175R	175A High current battery connector. (Red) Also available in grey. (SB175G)	£9.24	£83.16
H175R	Handle for 175A connector (Red). Also available in grey. (H175G)	£5.16	£46.44
SB175T	Spare terminals for 175A connector. 35mm cable (Pair)	£3.30	£29.70
PPP1	Plastic cover to seal end of 175A connector with retaining wire (Black)	£6.80	£61.20

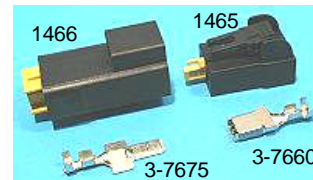


Polycarbonate connector with silver plated copper contacts. (Order 2 parts to form 1 connector.)

Item Ref.	Description. (Can be ganged together. Supplied with retaining pegs.)	1 off	10 off
1401	30A connector with silver plated copper contact. Black	£0.94	£8.46
1402	30A connector with silver plated copper contact. Blue	£0.94	£8.46
1403	30A connector with silver plated copper contact. Red	£0.94	£8.46
1404	30A connector with silver plated copper contact. Yellow	£0.94	£8.46
3-1400	Spare contacts for 30A connectors	£0.40	£3.60
1451	75A connector with silver plated copper contact. Black	£3.12	£28.08
1453	75A connector with silver plated copper contact. Red	£3.12	£28.08

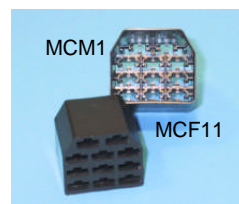
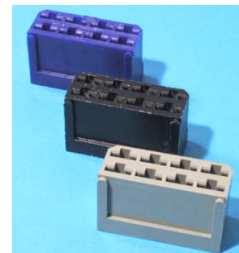


Item Ref.	Description. High Current Connector.	1 off	10 off
1463	1 Way 75A Female Connector. (Order terminals from below)	£1.15	£10.35
1464	1 Way 75A Male Connector. (Order terminals from below)	£1.26	£11.34
1465	2 Way 75A Female Connector. (Order terminals from below)	£1.78	£16.02
1466	2 Way 75A Male Connector. (Order terminals from below)	£1.99	£17.91
1467	3 Way 75A Female Connector. (Order terminals from below)	£2.41	£21.69
1468	3 Way 75A Male Connector. (Order terminals from below)	£2.51	£22.59
3-7660	Female terminal for 75A female connectors 4 - 6mm cable	£0.49	£4.41
3-7670	Female terminal for 75A female connectors 8 - 10mm cable	£0.49	£4.41
3-7671	Female terminal for 75A female connectors 16mm cable	£0.91	£8.19
3-7675	Male terminal for 75A male connectors 4 - 6mm cable	£0.48	£4.32
3-7685	Male terminal for 75A male connectors 8 - 10mm cable	£0.48	£4.32
3-7690	Male terminal for 75A male connectors 16mm cable	£0.48	£4.32



All multiple connector housings are white except the coloured 8 way range & 11 way which is Black

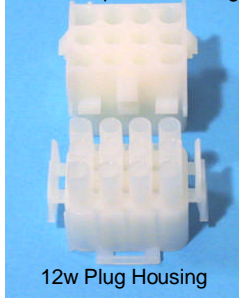
Item Ref.	Description (Terminals are 6.3mm latching blades)	1 off	10 off	50 off	100 off
MCM1	Multiple Connector male housing 1 way	£0.10	£0.90	£4.00	
MCF1	Multiple Connector female housing 1 way	£0.10	£0.90	£4.00	
MCM2	Multiple Connector male housing 2 way	£0.12	£1.08	£4.80	
MCF2	Multiple Connector female housing 2 way	£0.12	£1.08	£4.80	
MCM2T	Multiple Connector male housing 2 way 'T' pattern	£0.16	£1.44	£6.40	
MCF2T	Multiple Connector female housing 2 way 'T' Pattern	£0.13	£1.17	£5.20	
MCM3	Multiple Connector male housing 3 way	£0.16	£1.44	£6.40	
MCF3	Multiple Connector female housing 3 way	£0.13	£1.17	£5.20	
MCM4	Multiple Connector male housing 4 way	£0.16	£1.44	£6.40	
MCF4	Multiple Connector female housing 4 way	£0.16	£1.44	£6.40	
MCM6	Multiple Connector male housing 6 way	£0.19	£1.71	£7.60	
MCF6	Multiple Connector female housing 6 way	£0.25	£2.25	£10.00	
MCM8	Multiple Connector male housing 8 way	£0.33	£2.97	£13.20	
MCF8W	Multiple Connector female housing 8 way. White	£0.28	£2.52	£11.20	
MCF8S	Multiple Connector female housing 8 way. Grey	£0.78	£7.02		
MCF8B	Multiple Connector female housing 8 way. Black	£0.78	£7.02		
MCF8R	Multiple Connector female housing 8 way. Red	£0.78	£7.02		
MCF8G	Multiple Connector female housing 8 way. Green	£0.78	£7.02		
MCM11	Multiple Connector male housing 11 way	£0.75	£6.75	£30.00	
MCF11	Multiple Connector female housing 11 way	£0.78	£7.02	£31.20	
3-2920	Brass Male 6.3mm Terminal for above		£0.60	£2.40	£4.50
3-2922	Brass Female 6.3mm Terminal for above		£0.60	£2.40	£4.50
MC1kit	1 way Multiple Connector kit. Male, female and terminals	£0.32	£2.88		
MC2kit	2 way Multiple Connector kit. Male, female and terminals	£0.48	£4.32		
MC2Tkit	2w 'T' Multiple Connector kit. Male, female and terminals	£0.53	£4.77		
MC3kit	3 way Multiple Connector kit. Male, female and terminals	£0.65	£5.85		
MC4kit	4 way Multiple Connector kit. Male, female and terminals	£0.80	£7.20		
MC6kit	6 way Multiple Connector kit. Male, female and terminals	£1.16	£10.44		
MC8kit	8 way Multiple Connector kit. Male, female and terminals. (White only)	£1.57	£14.13		
MC11kit	11 way Multiple Connector kit. Male, female and terminals	£2.85	£25.65		



All Mate-N-Lock connector housings are white.

Item Ref.	Description (Terminals are round with locating tabs)	1 off	10 off	50 off	
MNLM1	Mate-N-Lock Connector receptacle housing 1 way	£0.45	£4.05	£18.00	
MNLF1	Mate-N-Lock Connector plug housing 1 way	£0.47	£4.23	£18.80	
MNLM2	Mate-N-Lock Connector receptacle housing 2 way	£0.32	£2.88	£12.80	
MNLF2	Mate-N-Lock Connector plug housing 2 way	£0.28	£2.52	£11.20	
MNLM3	Mate-N-Lock Connector receptacle housing 3 way	£0.34	£3.06	£13.60	
MNLF3	Mate-N-Lock Connector plug housing 3 way	£0.33	£2.97	£13.20	
MNLM4	Mate-N-Lock Connector receptacle housing 4 way	£0.38	£3.42	£15.20	
MNLF4	Mate-N-Lock Connector plug housing 4 way	£0.34	£3.06	£13.60	
MNLM6	Mate-N-Lock Connector receptacle housing 6 way	£0.39	£3.51	£15.60	
MNLF6	Mate-N-Lock Connector plug housing 6 way	£0.36	£3.24	£14.40	
MNLM9	Mate-N-Lock Connector receptacle housing 9 way	£0.52	£4.68	£20.80	
MNLF9	Mate-N-Lock Connector plug housing 9 way	£0.42	£3.78	£16.80	
MNLM12	Mate-N-Lock Connector receptacle housing 12 way	£0.60	£5.40	£24.00	
MNLF12	Mate-N-Lock Connector plug housing 12 way	£0.50	£4.50	£20.00	
MNLM15	Mate-N-Lock Connector receptacle housing 15 way	£0.75	£6.75		
MNLF15	Mate-N-Lock Connector plug housing 15 way	£0.70	£6.30		
Item Ref.	Description (Mate-N-Lock terminals)	1 off	10 off	50 off	100 off
3-1200	Tin plated brass female terminal for MNL plugs		£0.99	£4.40	£8.25
3-1210	Tin plated brass male terminal for MNL receptacles		£0.99	£4.40	£8.25
MNL1kit	1 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£1.14	£10.26		
MNL2kit	2 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£1.04	£9.36		
MNL3kit	3 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£1.33	£11.97		
MNL4kit	4 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£1.63	£14.67		
MNL6kit	6 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£2.07	£18.63		
MNL9kit	9 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£2.92	£26.28		
MNL12kit	12 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£3.74	£33.66		
MNL15kit	15 way Mate-N-Lock Connector kit. Plug, receptacle and terminals	£4.75	£42.75		

12w Receptacle Housing



12w Plug Housing

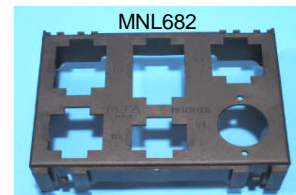


Mate-N-Lock Terminals

Mate-N-Lock connector boxes. Male housings clip into holes. Connector boxes can be clipped to the 16 way fuse box (FBBU16), 4 & 7 way relay boxes (RB4U & RB7U) after removing the feet from one side to form an integrated unit. The feet are then clipped onto the connector box. Feet can be ordered separately to use the connector box as a stand alone item.

(FHA500LF & FHA500RF. 2 off each) L123mm x W88mm x H38mm

MNL681	Mate-N-Lock connector box. 3 x 6w, 1 x 9w 1 x 12w, 1 x 15w	£4.82
MNL682	Mate-N-Lock connector box. Buzzer, 2 x 6w, 1 x 9w 1 x 12w, 1 x 15w	£4.82
MNL683	Mate-N-Lock connector box. 2 x 6w, 1 x 9w 1 x 12w, 2 x 15w	£4.82
MNL684	Mate-N-Lock connector box. 1 x 6w, 2 x 9w 2 x 12w, 1 x 15w	£4.82



See pages 42 & 43 for assortment boxes of connectors

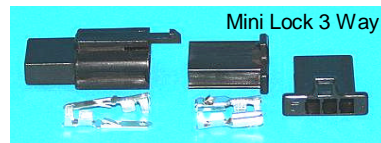
NEW

Mini Lock Connectors that use a 2.8mm terminal that will accept cables up to a 1mm²

Item Ref.	Description	50 off	10 off	100 off
MLM2	Mini Lock Connector Male 2 way	£6.00		
MLF2	Mini Lock Connector Female 2 way	£6.00		
MLM3	Mini Lock Connector Male 3 way	£7.00		
MLF3	Mini Lock Connector Female 3 way	£7.00		
MLM4	Mini Lock Connector Male 4 way	£8.00		
MLF4	Mini Lock Connector Female 4 way	£8.00		
MLM5	Mini Lock Connector Male 6 way	£10.00		
MLF5	Mini Lock Connector Female 6 way	£10.00		
MLM6	Mini Lock Connector Male 9 way	£12.00		
MLF6	Mini Lock Connector Female 9 way	£12.00		
3-4303	2.8mm Female terminal with latch for ML connectors	£0.90	£2.50	£4.00
3-6405	2.8mm Male terminal with latch for ML connectors	£0.90	£3.00	£5.00



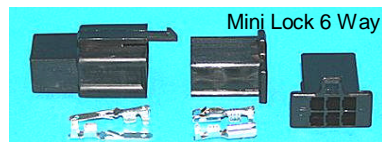
Mini Lock 2 Way



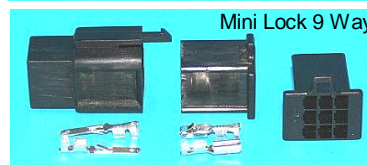
Mini Lock 3 Way

Mini Lock kits supplied with male & female connectors & terminals.

Item Ref.	Description	1 off	10 off
ML2KIT	Mini Lock Connector 2 way kit	£0.50	£4.00
ML3KIT	Mini Lock Connector 3 way kit	£0.70	£5.60
ML3KIT	Mini Lock Connector 4 way kit	£0.80	£6.40
ML6KIT	Mini Lock Connector 6 way kit	£1.00	£8.00
ML9KIT	Mini Lock Connector 9 way kit	£1.50	£12.00



Mini Lock 6 Way



Mini Lock 9 Way

Superseal 20 Amp Connectors

Item Ref.	Description	1 off	10 off	50 off	100 off
23510	H/D 1w Superseal connector female	£1.54	£13.86	£61.60	
23520	H/D 1w Superseal connector male	£1.22	£10.98	£48.80	
23530	H/D 2w Superseal connector female	£1.04	£9.36	£41.60	
23540	H/D 2w Superseal connector male	£1.51	£13.59	£60.40	
23550	H/D 3w Superseal connector female	£1.80	£16.20	£72.00	
23560	H/D 3w Superseal connector male	£1.98	£17.82	£79.20	
3-4510	H/D Superseal connector terminal female	£0.23	£2.07	£9.20	£17.25
3-4500	H/D Superseal connector terminal male	£0.22	£1.98	£8.80	£16.50
3-7510	H/D Superseal connector wire seal (Green)	£0.10	£0.90	£4.00	£7.50



H/D Superseal connectors

Item Ref.	Description	1 off	10 off
LC1kit	H/D 1w Superseal connector kit	£2.98	£26.82
LC2kit	H/D 2w Superseal connector kit	£3.22	£28.98
LC3kit	H/D 3w Superseal connector kit	£4.67	£42.03



LC3kit

K403	High Current Super seal connector kit. 19 pairs of connectors	£49.85	Picture on page 43
------	---	--------	---------------------------

Item Ref.	Description	1 off
1199	2 way Superseal 6.3mm female connector kit. (Used on some radiator fans.)	£4.98



1199

Small Superseal 8 Amp Connectors

Item Ref.	Description (Order terminals separately)	1 off	10 off	50 off
23610	Small 1w Superseal connector male	£0.49	£4.41	£19.60
23620	Small 1w Superseal connector female	£0.64	£5.76	£25.60
23630	Small 2w Superseal connector male	£0.67	£6.03	£26.80
23640	Small 2w Superseal connector female	£0.74	£6.66	£29.60
23650	Small 3w Superseal connector male	£0.73	£6.57	£29.20
23660	Small 3w Superseal connector female	£0.95	£8.55	£38.00
23670	Small 4w Superseal connector male	£1.09	£9.81	£43.60
23680	Small 4w Superseal connector female	£1.23	£11.07	£49.20
23690	Small 5w Superseal connector male	£1.28	£11.52	£51.20
23700	Small 5w Superseal connector female	£1.48	£13.32	£59.20
23710	Small 6w Superseal connector male	£1.42	£12.78	£56.80
23720	Small 6w Superseal connector female	£1.71	£15.39	£68.40

23690



23700

Item Ref.	Description	1 off	10 off	50 off	100 off
3-5560	Small Superseal connector terminal female (Red sec lock)	£0.11	£0.99	£4.40	£8.25
3-5560PS	Small Superseal connector terminal female (Yellow sec lock)	£0.11	£0.99	£4.40	£8.25
3-5550	Small Superseal connector terminal male	£0.11	£0.99	£4.40	£8.25
3-7740	Small Superseal connector wire seal 0.5-1.0mm (Yellow)	£0.12	£1.08	£4.80	£9.00
3-7750	Small Superseal connector blanking plug (Red)	£0.15	£1.35	£6.00	£11.25
3-7760	Small Superseal connector wire seal 1.0-1.5mm (Red)	£0.14	£1.26	£5.60	£10.50



Superseal kits include the male housing, female housing with terminals & yellow wire seals.

SC1kit	Small 1w Superseal connector kit	£1.59	£14.31
SC2kit	Small 2w Superseal connector kit	£2.22	£19.98
SC3kit	Small 3w Superseal connector kit	£2.84	£25.56
SC4kit	Small 4w Superseal connector kit	£3.83	£34.47
SC5kit	Small 5w Superseal connector kit	£4.62	£41.58
SC6kit	Small 6w Superseal connector kit	£5.34	£48.06



SC3kit

K402	Superseal connector kit containing 32 pairs of connectors in the following sizes: 1w x 6, 2w x 12, 3w x 5, 4w x 4, 5w x 3, 6w x 2, plus terminals & wire seals.	£59.90	Picture on page 42
------	---	--------	---------------------------

ECU Connectors

Item Ref.	Description	1 off
ECU25	25 way ECU connector (1 row of 13 & 1 row of 12) inc TIN plated	£18.00
ECU35	35 way ECU connector (1 row of 18 & 1 row of 17) inc TIN plated	£19.60
ECU36	36 way Econoseal ECU connector (3 rows of 12) inc gold plated	£17.40



ECU25



ECU35



ECU36

Junior Timer & Junior Power Timer Connectors. (Order terminals separately)

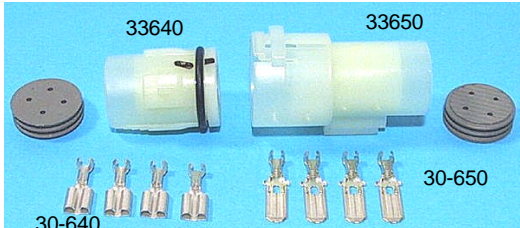
Junior Timer connectors do not have cable seals but will mate with the Junior Power Timer range.

Item Ref.	Description		1 off	10 off	50 off	100 off
10660	2 way J.T. Male connector. Black		£1.00	£9.00	£40.00	
20900	2 way J.T. Female connector. Black		£1.00	£9.00	£40.00	
Junior Power Timer Connectors						
10661	2 way J.P.T. Male connector. Black		£1.80	£16.20	£72.00	
20910	2 way J.P.T. Female connector. Black		£1.00	£9.00	£40.00	
20915	2 way J.P.T. Female connector. Grey, Yellow, Blue. (Please State Colour)		£1.80	£16.20	£72.00	
20920	3 way J.P.T. Female connector. Black		£2.10	£18.90	£84.00	
10655	4 way J.P.T. Female connector. Black		£2.60	£23.40	£104.00	
10656	5 way J.P.T. Female connector. Black		£2.80	£25.20	£112.00	
10657	6 way J.P.T. Female connector. Black		£3.19	£28.71	£127.60	
20930	7 way J.T. Female connector. Black		£2.79	£25.11	£111.60	
3-8280	Junior Timer Terminals Junior Timer male terminals 0.35-1.0mm			£0.22	£1.98	£8.80
3-7210	Junior Timer female terminals 0.35-1.0mm		£0.12	£1.08	£4.80	£9.00
3-7211	Junior Timer female terminals 1.0-2.5mm			£0.13	£1.17	£5.20
Junior Power Timer Terminals						
3-8290	Junior Power Timer male terminals 0.5-1mm		£0.36	£3.24	£14.40	£27.00
3-8300	Junior Power Timer male terminals 1-2.5mm		£0.36	£3.24	£14.40	£27.00
3-8260	Junior Power Timer female terminals 0.5-1mm		£0.35	£3.15	£14.00	£26.25
3-8270	Junior Power Timer female terminals 1-2.5mm		£0.35	£3.15	£14.00	£26.25
10662	Junior Power Timer wire seals Blue 0.5-1mm		£0.15	£1.35	£6.00	£11.25
10658	Junior Power Timer wire seals White 1-2.5mm		£0.15	£1.35	£6.00	£11.25
20902	Cable boot for 2 way connectors Straight 37mm long		£0.70	£6.30	£28.00	
20901	Cable boot for 2 way connectors Straight 57mm long		£0.70	£6.30	£28.00	
20911	Cable boot for 2 way connectors Angled 57mm long		£0.80	£7.20	£32.00	
20921	Cable boot for 3 way connector Straight 57mm long		£0.90	£8.10	£36.00	
20931	Cable boot for 7 way J.T.connector Straight 57mm long		£1.00	£9.00	£40.00	

Econoseal Connectors (Supplied with secondary locks, terminals & wire seals)

Item Ref.	Description (Current Rating 10A)		1 off	10 off
ESC2M	2w Econoseal connector male		£0.95	£8.08
ESC2F	2w Econoseal connector female		£1.42	£12.07
ESC3M	3w Econoseal connector male		£1.38	£11.73
ESC3F	3w Econoseal connector female		£1.87	£15.90
ESC4M	4w Econoseal connector male		£1.70	£14.45
ESC4F	4w Econoseal connector female		£2.34	£19.89
ESC6M	6w Econoseal connector male		£2.18	£18.53
ESC6F	6w Econoseal connector female		£2.90	£24.65
ESC13M	13w Econoseal connector male		£4.82	£40.97
ESC13F	13w Econoseal connector female		£6.88	£58.48
3-4587	Econoseal Male terminals			£1.00
3-4586	Econoseal Female terminals			£1.25
3-4787-1	Econoseal Wire Seals 0.5 - 1.25mm. Green			£0.82
3-4787-2	Econoseal Wire Seals 1.5 - 2.0mm. Yellow			£0.82
3-4748	Econoseal Blanking plugs. Black			£0.97

Circularseal Power Connector. (Supplied with terminals & wire seal)

Item Ref.	Description. Ideal for headlight connector. (Current Rating 30A)		1 off	10 off
33620	2w female circular sealed power connector.		£1.46	£12.41
33630	2w male circular sealed power connector.		£1.22	£10.37
33640	4w female circular sealed power connector.		£2.92	£24.82
33650	4w male circular sealed power connector.		£2.58	£21.93
30-640	Female terminal for circular power connector.			£1.00
30-650	Male terminal for circular power connector.			£1.20

Packard Timer connectors

Item Ref.	Description
10802	2 way Packard timer connector. Inc. seals & terminals (VW/Audi)
10803	3 way Packard timer connector. Inc. seals & terminals (VW/Audi)
3-8401	Spare terminals for Packard Timer connectors
10658	Spare wire seals for Packard Timer connectors (Used on many spotlight bodies)



1 off	10 off
£2.62	£23.58
£2.82	£25.38
£0.10	£0.90
£0.15	£1.35

Various Ford connectors. (Limited availability)

4561	Wiper stalk connector. White 11 way connector supplied with 12 terminals
------	--



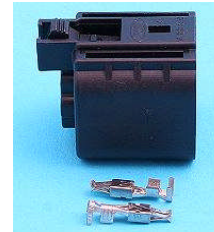
1 off
£2.95

4562	Indicator stalk connector. Black 11 way connector supplied with 12 terminals
------	--



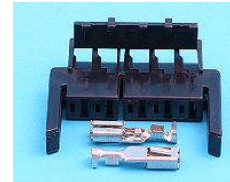
£2.95

4571	Headlight connector. 7 way connector supplied with 8 terminals and wire seals
------	---



£3.50

4581	Wiper motor connector. 5 way connector supplied with 5 terminals
------	--



£4.75

4582	Brake light switch connector. 2 way connector supplied with 2 terminals.
------	--



£1.30

3-6584	Coil terminal. 4.6mm diameter with sleeve.
--------	--



£0.39

Various Vauxhall Connectors

3850	Vauxhall Corsa Electric Steering ECU connector. (Including terminals)
3-5027	Spare terminals for 3850 connector. (Per 10)



£2.95
£1.50

Deutsch DT range. Current Rating 13A. (All include secondary lock. Please order terminals separately.)

NEW

The DT range is supplied with wire seals for use with thinwall cable. (1.35mm - 3.05mm wire insulation diameter)

Item Ref.	Description	1 off	10 off	50 off	100 off
DT06-2S	DT 2 way plug. Black	£1.34	£11.39		
DT06-3S	DT 3 way plug. Black	£1.85	£15.73		
DT06-4S	DT 4 way plug. Black	£2.46	£20.91		
DT06-6S	DT 6 way plug. Black	£3.62	£30.77		
DT06-8SA	DT 8 way plug. Black	£4.73	£40.21		
DT06-12SA	DT 12 way plug. Black	£7.34	£62.39		
DT04-2P	DT 2 way receptacle. Black	£1.15	£9.78		
DT04-3P	DT 3 way receptacle. Black	£1.72	£14.62		
DT04-4P	DT 4 way receptacle. Black	£2.33	£19.81		
DT04-6P	DT 6 way receptacle. Black	£3.50	£29.75		
DT04-8PA	DT 8 way receptacle. Black	£4.67	£39.70		
DT04-12PA	DT 12 way recep. Black	£6.77	£57.55		
3-1660	Size 16 Stamped & formed Pins. OD 1.9-2.92mm	N/A	N/A		
3-1662	Size 16 Stamped & formed sockets. OD 1.9-2.92mm	N/A	N/A		
3-1670	Size 16 Turned Pins. OD 1.9-2.92mm	£0.26	£2.34	£10.40	£19.50
3-1672	Size 16 Turned sockets. OD 1.9-2.92mm	£0.32	£2.88	£12.80	£24.00
3-1699	Cavity Seals	£0.10	£0.90	£4.00	£7.50

Deutsch DTM range. Current Rating 7.5A. (All include secondary lock. Please order terminals separately.)

NEW

The DTM range is supplied with seals that are designed for use with thinwall cable.

Item Ref.	Description	1 off	10 off	50 off	100 off
DTM06-2S	DTM 2 way plug. Grey	£0.00	£0.00		
DTM06-3S	DTM 3 way plug. Grey	£0.00	£0.00		
DTM06-4S	DTM 4 way plug. Grey	£0.00	£0.00		
DTM06-6S	DTM 6 way plug. Grey	£0.00	£0.00		
DTM06-8SA	DTM 8 way plug. Grey	£0.00	£0.00		
DTM06-12SA	DTM 12 way plug. Grey	£0.00	£0.00		
DTM04-2P	DTM 2 way receptacle. Grey	£0.00	£0.00		
DTM04-3P	DTM 3 way receptacle. Grey	£0.00	£0.00		
DTM04-4P	DTM 4 way receptacle. Grey	£0.00	£0.00		
DTM04-6P	DTM 6 way receptacle. Grey	£0.00	£0.00		
DTM04-8PA	DTM 8 way receptacle. Grey	£0.00	£0.00		
DTM04-12PA	DTM 12 way receptacle. Grey	£0.00	£0.00		
3-2060	Size 20 Stamped & formed Pins. OD 1.3-2.15mm	£0.00	£0.00		
3-2062	Size 20 Stamped & formed Sockets. OD 1.3-2.15mm	£0.00	£0.00		
3-2070	Size 20 Turned Pins. OD 1.3-2.15mm	£0.00	£0.00	£0.00	£0.00
3-2072	Size 20 Turned Sockets. OD 1.3-2.15mm	£0.00	£0.00	£0.00	£0.00
3-2099	Cavity Seals	£0.00	£0.00	£0.00	£0.00

NEW

Sure-Seal® Waterproof Connectors

Description. Mini Sure-Seal® Connectors (8 Amps max. Wire insulation dia. 1.4 - 1.8mm)

Item Ref.	Description	1 off	10 off
8551-2	2 way plug, receptacle and terminals	£4.40	£39.60
8551-3	3 way plug, receptacle and terminals	£5.00	£45.00
8551-4	4 way plug, receptacle and terminals	£5.60	£50.40
330-8672-100	Spare male terminals.	£0.20	
031-8703-100	Spare female terminals.	£0.35	

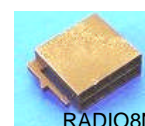
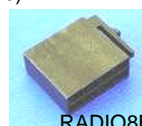


Please Note: All wire seals will only be effective with one wire entering the seal.

ALTBCH	Bosch Alternator connector with terminals	£1.71
ALTLCS	Lucas Alternator connector with terminals	£2.40
HEADCON	3 Pin Headlight connector with terminals	£1.65
TAM2way	Tamiya 2 way battery connector Male & female pair including terminals. (Accumate battery chargers & Model cars)	£1.95

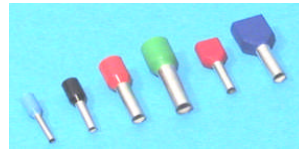


RADIO8B	8 way ISO radio connector. Black body. (Supplied wih terminals 3-7210)	£1.79	£16.11
RADIO8N	8 way ISO radio connector. Brown body. (Supplied wih terminals 3-7210)	£1.79	£16.11



Cord end terminals

Item Ref.	Description	1 off	25 off	50 off
CET005	Cord end terminal for 0.5mm ² cable. White			£1.20
CET0075	Cord end terminal for 0.75mm ² cable. Blue			£1.20
CET010	Cord end terminal for 1.0mm ² cable. Red			£1.20
CET015	Cord end terminal for 1.5mm ² cable. Black			£1.20
CET025	Cord end terminal for 2.5mm ² cable. Slate			£1.20
CET040	Cord end terminal for 4.0mm ² cable. Orange		£1.50	
CET060	Cord end terminal for 6.0mm ² cable. Green		£2.50	
CETW075	Cord end terminal for two 0.5mm ² cables. Slate		£1.50	
CETW100	Cord end terminal for two 1.0mm ² cables. Red		£1.50	
CETW150	Cord end terminal for two 1.5mm ² cables. Black		£1.50	
CETW250	Cord end terminal for two 2.5mm ² cables. Blue		£1.50	



TT3	Cord end terminal crimp tool For terminal sizes from 0.5mm ² to 6.0mm ² (Handle colour may vary from photo)	£29.71
-----	---	--------



Crimp terminals

Blade, Ring Terminals and Housings (White housings are hard plastic, PVC covers are soft plastic)

Item Ref.	Description	1 off	10 off	50 off
3-2921	Plated female blade terminal 2.8 x 0.5mm 0.5-1mm		£0.70	£2.80
3-2921-1	Plated female blade terminal 2.8 x 0.8mm 0.5-1mm		£0.70	£2.80
3-2921-2	Brass female blade terminal 2.8 x 0.8mm 0.5-1mm with latch		£0.70	£2.80
RS28	Single white housing for 2.8 x 0.8mm terminals. Fit before crimping.		£0.40	£1.80
RS28L	Single white housing for 2.8mm terminals. Fit after crimping.		£0.40	£1.80
3-2926	Plated female blade terminal 4.8 x 0.5mm for 0.5-1mm cable		£0.40	£1.80
3-2926-1	Plated female blade terminal 4.8 x 0.8mm for 0.5-1mm cable		£0.50	£2.25
3-6313	Plated female blade terminal 4.8 x 0.8mm for 0.5-1mm cable with latch		£1.00	£4.50
3-6312	Plated female blade terminal 4.8 x 0.8mm for 1.5-2.5mm cable with latch		£1.60	£7.20
RS48	PVC cover for 4.8mm terminals (For single wire)		£0.60	£2.70
RS48L	Single white housing for 4.8mm terminals. Fit after crimping.		£0.40	£1.80



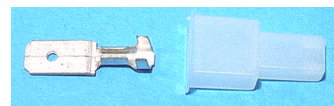
W805	5 pin connector for Lucas wiper motor. Supplied with 4.8mm terminals	£1.98
------	--	-------



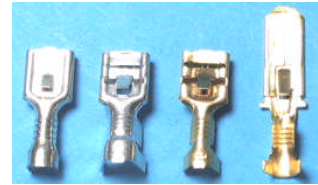
Crimp terminals

Blade, Ring Terminals and Housings (White housings are hard plastic, PVC covers are soft plastic)

Item Ref.	Description	1 off	10 off	50 off
30-292-1	Plated female blade terminal 6.3 x 0.8mm 0.5-1mm		£0.60	£2.70
30-292-2	Plated female blade terminal 6.3 x 0.8mm 1-2.5mm		£0.60	£2.70
30-292-3	Plated female blade terminal 6.3 x 0.8mm 2.5-6mm		£0.70	£3.15
RS631	PVC cover for 6.3 x 0.8mm terminals (For single wire)		£0.40	£1.80
RS632	PVC cover for 6.3 x 0.8mm terminals (For 2/3 wires)		£0.50	£2.25
RS63004	Single hard housing for 6.3 x 0.8mm female blade terminal. Fit after crimping. Available in White, Red & Black (Add W, R, B to item Ref.)		£0.30	£1.28
30-289-1	Plated piggy back blade terminal 6.3 x 0.8mm 0.65-1mm		£1.60	£6.80
3-7000	Plated female blade anti-slip terminal 6.3 x 0.8mm 0.5-1.0mm		£1.60	£7.20
3-7010	Plated female blade anti-slip terminal 6.3 x 0.8mm 1-2.5mm		£1.70	£7.65
RS633	Single white housing for anti-slip terminals		£0.50	£2.13
RS634	Dual white housing for 6.3mm anti-slip terminals. (Wastegate solenoid)	£0.20	£1.80	£8.50
RS635	Dual black housing (T) with clip for 6.3mm terminals. (Some alternators & washer pumps.)	£0.42	£3.78	£17.85
30-291	Plated male blade terminal 6.3 x 0.8mm for 0.5-2mm cable		£0.80	£3.60
RS63003	Single white housing for 6.3 x 0.8mm male blade terminal Available in White and Black (Add W or B to item Ref.) Note RS631, RS632 & RS64004 slide inside this cover		£0.50	£2.13
30-630	Male 6.3mm spade with 5mm fixing hole. (Earth Terminal)		£0.90	£3.60



Item Ref.	Description
3-2922/0.5	6.3mm Plated female terminal for 0.5 - 1.0mm cable with latch
3-2922/1	6.3mm Plated female terminal for 1.5 - 2.5mm cable with latch
3-2922/2	6.3mm Plated female terminal for 3 - 6mm cable with latch
3-2922	6.3mm Brass female terminal for 0.75 - 2.5mm cable with latch
3-2920	6.3mm Brass male terminal for 0.75 - 2.5mm cable with latch
3-2920/0.5	6.3mm Tin plated male terminal for 0.5 - 1mm cable with latch.
3-2920/1	6.3mm Tin plated male terminal for 1.5 - 2.5mm cable with latch.
3-2920/2	6.3mm Tin plated male terminal for 3 - 6mm cable with latch.



10 off	50 off
£0.70	£2.80
£0.70	£2.80
£0.80	£3.20
£0.60	£2.40
£0.60	£2.40
£0.70	£2.80
£0.70	£2.80
£0.80	£3.20

30-640	Female terminal for circular power connector.
30-650	Male terminal for circular power connector.



£1.00	£4.00
£1.20	£4.80

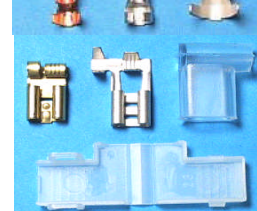
Item Ref.	Description
30-692	Plated female blade terminal 9.5 x 1.2mm for 4-6mm cable
30-692-1	Plated female blade terminal 9.5 x 1.2mm for 6-10mm cable
RS951	PVC Cover for female blade terminal 9.5 x 1.2mm
30-695	Brass female blade terminal 9.5 x 1.2mm for 4-6mm cable
RS95003	Single white housing for 9.5 x 1.2mm female blade terminals
3-6565	Ph Brnz female terminal 9.5 x 1.2mm for 2.5-4mm cable with latch
3-6566	Plated female terminal 9.5 x 1.2mm for 4-6mm cable with latch
3-3692	Plated female terminal 9.5 x 1.2mm for 6-10mm cable with latch



10 off	50 off
£1.00	£4.50
£1.40	£6.30
£0.40	£1.80
£0.90	£4.05
£0.80	£3.60
£2.10	£9.45
£3.00	£13.50
£3.10	£13.95

Terminals for various connectors can be found after each type of connector.

Item Ref.	Description
FLAGTS	Brass short female blade Flag terminal 6.3 x 0.8mm for 1-2.5mm cable
FLAGT	Plated female blade Flag terminal 6.3 x 0.8mm for 1-2.5mm cable.
FLAGTL	Plated female Flag terminal 6.3 x 0.8mm for 1-2.5mm cable. With latch.
FLAGH	Plated female blade Flag terminal 8.0 mm for 1-2.5mm cable. (Head lights)
RS630	PVC cover for Flag terminals. (Fit before connecting)
RS6300	Single white housing for Flag terminals. (Fit after connecting)



10 off	50 off
£1.20	£5.40
£0.90	£4.05
£0.80	£3.60
£1.80	£8.10
£0.80	£3.60
£0.50	£2.25

3-7900	Fuse holder terminal for 1-2.5mm cable
3-7901	Fuse holder terminal for 2.5-6mm cable
3-7911	Busbar Fuse holder terminal for 4-6mm cable (Per 12 for FBB16U)
3-7920	Fuse holder terminal with additional spring for 1-1.5mm cable
3-7921	Fuse holder terminal with additional spring for 2-4.0mm cable
3-7922	Fuse holder terminal with additional spring for 4-6mm cable
3-7210	Female terminal for ISO radio connector
3-2924	Male terminal for ISO radio connector



1 off	10 off	50 off
£1.30	£5.85	
£1.30	£5.85	
£1.50	£13.50	£60.00
	£1.70	£7.65
	£1.70	£7.65
	£2.50	£11.25
	£1.08	£4.80
	£0.80	£3.60

1078	Japanese bullet connector male. 3.9mm
1079	Japanese bullet connector female. 3.9mm
1080	Japanese bullet connector male PVC Cover
1081	Japanese bullet connector female PVC Cover
1082	Japanese bullet connector kit. Male & female terminals & insulation boots
1083	Japanese bullet connector female 2 way. 3.9mm
1084	Japanese bullet connector female 2 way PVC Cover
1085	Japanese bullet connector female 3 way. 3.9mm
1086	Japanese bullet connector female 3 way PVC Cover

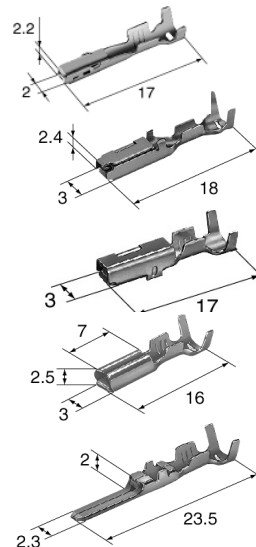


£1.43	£4.75
£1.05	£3.50
£0.60	£2.00
£0.68	£2.25
£0.42	
£1.50	£5.00
£1.20	£3.20
£0.00	£0.00
£1.20	£3.20

Sumitomo terminals & wire seals for Honda engines.

Please Note: We do not as yet, stock the connector housings.

Item Ref.	Description
8100-3068	Female terminal for crank, cam, TPS, MAP etc. HX Connectors
7165-0622	Wire seal for above 0.75 to 1.5mm thinwall cable.
8100-1429	Female terminal for coil & injectors. DL connectors
7165-0194	Wire seal for above 0.75 to 1.5mm thinwall cable.
8100-0461	Female terminal for coil & injectors & others. SL connectors
7165-0194	Wire seal for above 0.75 to 1.5mm thinwall cable.
1500-0110	Female terminal for 4, 6, 8 & 10 connectors. MT/HW connectors
7165-0118	Wire seal for above 0.75 to 1.5mm thinwall cable.
1500-0105	Male terminal for 4, 6, 8 & 10 connectors. MT/HW connectors
7165-0118	Wire seal for above 0.75 to 1.5mm thinwall cable.



1 off	10 off	50 off
£0.15	£1.13	£3.75
£0.15	£1.13	£3.75
£0.24	£1.80	£6.00
£0.20	£1.50	£5.00
£0.24	£1.80	£6.00
£0.20	£1.50	£5.00
£0.19	£1.43	£4.75
£0.18	£1.35	£4.50
£0.17	£1.28	£4.25
£0.18	£1.35	£4.50

Terminals for Special Applications

3-1564 Female terminal for fuel pump with screw on cap. 3.5mm dia.
Used on many high output fuel pumps



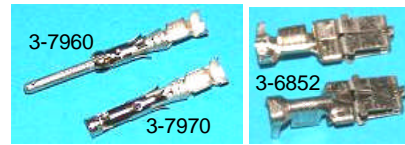
1 off £0.25
10 off £2.00
50 off

3-5523 BMW/VW/Ford male Terminal. L25.4 x 1.6mm dia.
3-5525 BMW/VW/Ford female Terminal. L16.0 x 3.0mm O/dia.
3-8441 Timer female terminal. 19.75 x 6.8mm
Used on some Vauxhall wiper stalks



£1.60
£0.90
£1.00

3-7960 BMW/VW/Ford male Terminal. L29 x 1.6mm dia.
3-7970 BMW/VW/Ford female Terminal. L20.3 x 3.0mm O/dia.
3-6852 DFK1 female terminal. L18.8 x 5mm (Contact tip)
Used on some VAG fuse & relay holders



£2.50
£2.80
£2.10

3-4510 H/D Superseal connector terminal female
Used on some Vauxhall wiper motor connectors



£0.23 £2.07

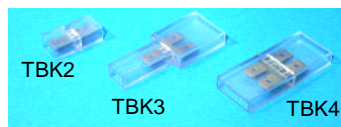
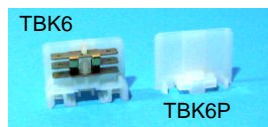
Item Ref. Description
T911 Brass bullet for soldering or crimping 1mm cable
T912 Brass bullet for soldering or crimping 2mm cable
T915 Single bullet connector
T917 Double bullet connector (2 way common)



£1.30 £5.53
£0.90 £3.83
£0.70 £2.98
£1.10 £4.68

Item Ref. Description
TBK6 Snap together 6 way Modular Barrier Terminal Block. (Screw fixing)
TBK6P End plate for 6 way Modular Barrier Terminal Block. (Screw fixing)

1 off £0.80 £7.20
10 off £0.47 £4.23
50 off

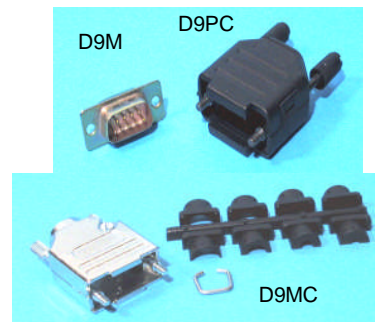


TBK2 Fully Insulated Male Tabs. Common 2way.
TBK3 Fully Insulated Male Tabs. Common 3way
TBK4 Fully Insulated Male Tabs. Common 4way
TBK12 Fully Insulated Male Tabs. Individual 12way
TBK5 3 Pole screw to tab terminal block (6.3x0.8 tabs times 3)
TBK5E 3 Pole screw to tab terminal block plus earth foot to one tab(M5. 6.3x0.8 tabs times 3)



£0.12 £1.08
£0.20 £1.80
£0.25 £2.25
£1.33 £11.97
£1.81 £16.29
£2.16 £19.44

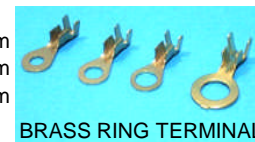
D9M 9 way 'D' type plug connector (Turned pins)
D9F 9 way 'D' type socket connector (Turned pins)
D15M 15 way 'D' type plug connector (Turned pins)
D15F 15 way 'D' type socket connector (Turned pins)
D25M 25 way 'D' type plug connector (Turned pins)
D25F 25 way 'D' type socket connector
D9PC 9 way 'D' type connector Plastic cover (Black)
D9MC 9 way 'D' type connector Metal cover
D15PC 15 way 'D' type connector Plastic cover (Black)
D15MC 15 way 'D' type connector Metal cover
D25PC 25 way 'D' type connector Plastic cover (Black)
D25MC 25 way 'D' type connector Metal cover
DSCREWSET Screw set for panel mounting D type connectors (1Pair)



£1.14 £10.26
£1.42 £12.78
£1.46 £13.14
£1.94 £17.46
£1.98 £17.82
£2.48 £22.32
£1.30 £11.70
£2.78 £25.02
£1.47 £13.23
£2.78 £25.02
£1.63 £14.67
£2.78 £25.02

Item Ref. Description. Ring terminals.

BRT4 Brass Ring Terminal with 4mm hole and cable support. Cable 1-2.5mm
BRT5 Brass Ring Terminal with 5mm hole and cable support. Cable 1-2.5mm
BRT6 Brass Ring Terminal with 6mm hole and cable support. Cable 1-2.5mm
BRT8 Brass Ring Terminal with 8mm hole and cable support. Cable 2-4mm



10 off £0.60 £2.40 £4.50
50 off £0.80 £3.20 £6.00
100 off £0.80 £3.20 £6.00
£0.90 £3.60 £6.75

RT2-4 Ring Terminal with 4mm hole for cable size 1.1-2.6mm
RT2-5 Ring Terminal with 5mm hole for cable size 1.1-2.6mm
RT2-6 Ring Terminal with 6mm hole for cable size 1.1-2.6mm
RT2-8 Ring Terminal with 8mm hole for cable size 1.1-2.6mm
RT5.5-5 Ring Terminal with 5mm hole for cable size 2.7-6.6mm
RT5.5-6 Ring Terminal with 6mm hole for cable size 2.7-6.6mm
RT5.5-8 Ring Terminal with 8mm hole for cable size 2.7-6.6mm
RT5.5-10 Ring Terminal with 10mm hole for cable size 2.7-6.6mm
RT8-6 Ring Terminal with 6mm hole for cable size 6.7-10.5mm
RT8-8 Ring Terminal with 8mm hole for cable size 6.7-10.5mm
RT8-10 Ring Terminal with 10mm hole for cable size 6.7-10.5mm



£0.40 £1.50
£0.50 £1.88
£0.50 £1.88
£0.60 £2.25
£0.80 £3.00
£0.80 £3.00
£1.00 £3.75
£1.10 £4.13
£1.20 £4.50
£1.80 £6.75
£1.50 £5.63

Tube Terminals (First figure-cable size, 2nd figure-hole size)		1 off	10 off	50 off
Item Ref.	Description			
TT65	6-5 Tube terminals	£0.16	£1.44	£4.80
TT66	6-6 Tube terminals	£0.16	£1.44	£4.80
TT68	6-8 Tube terminals	£0.16	£1.44	£4.80
TT610	6-10 Tube terminals	£0.16	£1.44	£4.80
TT105	10-5 Tube terminals	£0.27	£2.43	£8.10
TT106	10-6 Tube terminals	£0.27	£2.43	£8.10
TT108	10-8 Tube terminals	£0.31	£2.79	£9.30
TT1010	10-10 Tube terminals	£0.31	£2.79	£9.30
TT165	16-5 Tube terminals	£0.33	£2.97	£9.90
TT166	16-6 Tube terminals	£0.33	£2.97	£9.90
TT166R	16-6 Tube terminals. Right angled	£0.57	£5.13	£17.10
TT168	16-8 Tube terminals	£0.37	£3.33	£11.10
TT168R	16-8 Tube terminals. Right angled	£0.70	£6.30	£21.00
TT1610	16-10 Tube terminals	£0.37	£3.33	£11.10
TT255	25-5 Tube terminals	£0.41	£3.69	£12.30
TT256	25-6 Tube terminals	£0.42	£3.78	£12.60
TT258	25-8 Tube terminals	£0.42	£3.78	£12.60
TT258R	25-8 Tube terminals. Right angled	£0.78	£7.02	£23.40
TT2510	25-10 Tube terminals	£0.48	£4.32	£14.40
TT2510R	25-10 Tube terminals. Right angled	£0.78	£7.02	£23.40
TT2512	25-12 Tube terminals	£0.48	£4.32	£14.40
TT356	35-6 Tube terminals	£0.62	£5.58	£18.60
TT358	35-8 Tube terminals	£0.62	£5.58	£18.60
TT358R	35-8 Tube terminals. Right angled	£0.98	£8.82	£29.40
TT3510	35-10 Tube terminals	£0.62	£5.58	£18.60
TT3510R	35-10 Tube terminals. Right angled	£0.98	£8.82	£29.40
TT3512	35-12 Tube terminals	£0.62	£5.58	£18.60
TT508	50-8 Tube terminals	£0.73	£6.57	£21.90
TT5010	50-10 Tube terminals	£0.78	£7.02	£23.40
TT5012	50-12 Tube terminals	£0.84	£7.56	£25.20



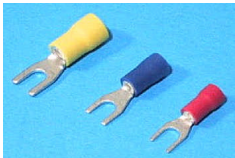
TUBE TERMINALS

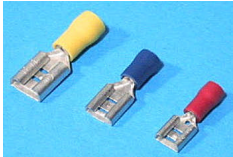


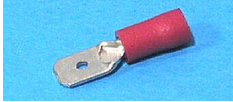






Pre Insulated Connectors		10 off	50 off	100 off
Item Ref.	Description			
T101	Red ring terminal 3.2mm dia. Hole	£0.70	£1.75	£2.80
T102	Red ring terminal 3.7mm dia. Hole	£0.70	£1.75	£2.80
T117	Red ring terminal 4.3mm dia. Hole	£0.70	£1.75	£2.80
T103	Red ring terminal 5.3mm dia. Hole	£0.70	£1.75	£2.80
T104	Red ring terminal 6.4mm dia. Hole	£0.90	£2.25	£3.60
T105	Red ring terminal 8.4mm dia. Hole	£1.00	£2.50	£4.00
T118	Red ring terminal 10.0mm dia. Hole	£1.00	£3.25	£5.50
T106	Blue ring terminal 3.2mm dia. Hole	£0.80	£2.00	£3.20
T107	Blue ring terminal 3.7mm dia. Hole	£0.80	£2.00	£3.20
T119	Blue ring terminal 4.3mm dia. Hole	£0.80	£2.00	£3.20
T108	Blue ring terminal 5.3mm dia. Hole	£0.80	£2.00	£3.20
T109	Blue ring terminal 6.4mm dia. Hole	£1.00	£2.50	£4.00
T110	Blue ring terminal 8.4mm dia. Hole	£1.00	£2.50	£4.00
T111	Blue ring terminal 10.0mm dia. Hole	£1.00	£3.25	£5.50
T121	Yellow ring terminal 4.3mm dia. Hole	£0.90	£2.93	£4.95
T112	Yellow ring terminal 5.3mm dia. Hole	£0.90	£2.93	£4.95
T113	Yellow ring terminal 6.4mm dia. Hole	£1.00	£3.25	£5.50
T114	Yellow ring terminal 8.4mm dia. Hole	£1.20	£3.90	£6.60
T115	Yellow ring terminal 10.0mm dia. Hole	£1.20	£3.90	£6.60
T116	Yellow ring terminal 13.0mm dia. Hole	£1.70	£5.53	£9.35

Red terminals for cables 0.5-1.5mm²
 Blue terminals for cables 1.5-2.5mm²
 Yellow terminals for cables 3.0-6.0mm²



Item Ref.	Description	10 off	50 off	100 off
T901	Red fork terminal 3.7mm fork width	£0.70	£1.75	£2.80
T903	Red fork terminal 4.3mm fork width	£0.70	£2.28	£3.85
T902	Red fork terminal 5.3mm fork width	£0.70	£1.75	£2.80
T904	Blue fork terminal 3.7mm fork width	£0.80	£2.00	£3.20
T707	Blue fork terminal 4.3mm fork width	£0.80	£2.00	£3.20
T905	Blue fork terminal 5.3mm fork width	£0.80	£2.00	£3.20
T906	Yellow fork terminal 4.3mm fork width	£1.50	£4.88	£8.25
T907	Yellow fork terminal 5.3mm fork width	£1.50	£3.75	£6.00
T909	Yellow fork terminal 6.4mm fork width	£1.80	£4.50	£7.20



Item Ref.	Description		10 off	50 off	100 off
T401	Red female blade terminal 2.8mm x 0.8mm		£0.90	£2.25	£3.60
T402	Red female blade terminal 4.8mm x 0.8mm		£0.90	£2.25	£3.60
T403	Red female blade terminal 6.3mm		£0.90	£2.25	£3.60
T404	Blue female blade terminal 4.8mm x 0.8mm		£1.00	£2.50	£4.00
T405	Blue female blade terminal 6.3mm		£0.90	£2.25	£3.60
T408	Blue female blade terminal 8.0mm x 0.8mm		£1.90	£4.75	£7.60
T406	Yellow female blade terminal 6.3mm		£1.00	£3.25	£5.50
T407	Yellow female blade terminal 9.5mm		£1.60	£5.20	£8.80
Item Ref. Description					
T299	Red female fully insulated blade terminal 2.8mm x 0.5mm		£0.80	£2.80	£4.80
T300	Red female fully insulated blade terminal 4.8mm x 0.5mm		£0.80	£2.60	£4.40
T301	Red female fully insulated blade terminal 6.3mm		£0.90	£2.93	£4.95
T305	Blue female fully insulated blade terminal 4.8mm x 0.5mm		£0.90	£2.93	£4.95
T302	Blue female fully insulated blade terminal 6.3mm		£0.90	£2.93	£4.95
T303	Yellow female fully insulated blade terminal 6.3mm		£1.30	£4.23	£7.15
T304	Yellow female fully insulated blade terminal 9.5mm		£1.90	£7.60	£13.30
Item Ref. Description					
T601	Red piggy back blade terminal 6.3mm		£1.00	£3.25	£5.50
T602	Blue piggy back blade terminal 6.3mm		£1.00	£3.25	£5.50
T603	Yellow piggy back blade terminal 6.3mm		£1.80	£5.85	£9.90
Item Ref. Description					
T501	Red male blade terminal 6.3mm		£0.70	£2.28	£3.85
T502	Blue male blade terminal 6.3mm		£0.80	£2.60	£4.40
T503	Yellow male blade terminal 6.3mm		£1.00	£3.25	£5.50
Item Ref. Description					
T701	Red bullet terminal 4.0mm		£0.70	£2.28	£3.85
T702	Blue bullet terminal 4.0mm		£0.70	£2.28	£3.85
T703	Blue bullet terminal 5.0mm		£0.80	£2.60	£4.40
T704	Yellow bullet terminal 5.0mm		£1.10	£3.58	£6.05
Item Ref. Description					
T801	Red bullet socket terminal 4.0mm		£0.80	£2.60	£4.40
T802	Blue bullet socket terminal 4.0mm		£0.80	£2.60	£4.40
T803	Blue bullet socket terminal 5.0mm		£0.90	£2.93	£4.95
T804	Yellow bullet socket terminal 5.0mm		£1.20	£3.90	£6.60
Item Ref. Description					
T807	Red pin terminal 2.8 x 9mm		£0.80	£3.20	£5.60
T808	Blue pin terminal 2.4 x 13mm		£1.20	£4.80	£8.40
T809	Yellow pin terminal 4.5 x 14mm		£1.80	£7.20	£12.60
Item Ref. Description					
T201	Red butt connector. (25mm long)		£0.80	£2.00	£3.20
T202	Blue butt connector. (25mm long)		£0.80	£2.00	£3.20
T203	Yellow butt connector. (27mm long)		£1.30	£3.25	£5.20
T204	Red parallel connector. ((16.5mm long)		£1.00	£2.50	£4.00
T205	Blue parallel connector. (17.9mm long)		£1.20	£3.00	£4.80
T206	Yellow parallel connector. (21.3mm long)		£1.70	£4.25	£6.80
Item Ref. Description					
WCEC1	White closed end connector for 1-1.5mm wire		£0.90	£3.60	£6.30
WCEC2	White closed end connector for 1.5-2.5mm wire		£0.90	£3.60	£6.30
WCEC3	White closed end connector for 2.5-5.5mm wire		£1.30	£5.20	£9.10
Item Ref. Description					
S560	Tap in connector 0.65mm. Red		£0.75	£2.50	£4.50
S561	Tap in connector 0.65mm - 2.00mm. Blue		£0.75	£2.50	£4.50
S562	Tap in connector 3.00mm - 4.50mm. Yellow		£1.50	£5.00	£9.00

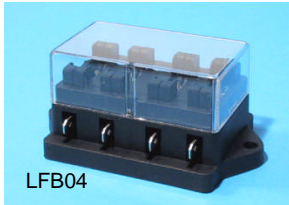
Fuses. Please order with part prefix followed by the size. Eg FBM02

Item Ref.	Description	1 off	10 off	50 off
FBMxx	Mini Blade Fuses. Available in: 2amp-Grey; 3amp-Violet; 4amp-Pink; 5amp-Tan; 7.5amp-Brown; 10amp-Red; 15amp-Blue; 20amp-Yellow; 25amp-Natural; 30amp-Green.	£0.15	£1.30	£5.50
FBxx	Description Standard Blade Fuses. (ATO) Available in: 1amp-Black; 2amp-Grey; 3amp-Violet; 4amp-Pink; 5amp-Tan; 7.5amp-Brown; 10amp-Red; 15amp-Blue; 20amp-Yellow; 25amp-Natural; 30amp-Green; 40amp-Orange.	£0.10	£0.90	£3.50
MAXIxx	Description Maxi Blade Fuses. Available in: 20amp-Yellow; 30amp-Green; 40amp-Orange; 50amp-Red; 60amp-Blue; 70amp-Tan; 80amp-Natural; 100amp-Violet;	£0.65	£5.80	£26.00
MIDIxx	Description Midi Fuses. Available in: 30amp; 40amp; 50amp; 60amp; 70amp; 80amp; 100amp; 125amp; 150amp; 200amp.	£1.20	£10.80	£48.00
MEGAxx NEW	Description Mega Fuses. Available in: 40 amp; 60 amp; 80 amp; 500 amp. 100 amp; 125 amp; 150 amp; 175 amp; 200 amp; 225 amp; 250 amp; 300 amp; 350 amp; 400 amp; 450 amp.	£3.50	£31.50	£140.00
CERxx	Description Continental Fuse Available in: 5amp; 8amp; 16amp; 25amp; 40amp.	£0.10	£0.90	£3.50
GFxx	Description Glass Fuses 30mm x 6.3mm Available in: 3, 5, 10, 15, 20, 25, 30, 35, 50amp	£0.10	£0.70	£3.00
Circuit Breakers. (Available to order). All Circuit Breakers are for 12/24 volt DC systems				
1610-06	Description Thermal bi-metallic with manual reset. 6 Amp. Green	£9.73	£87.57	
1610-08	As above but 8 Amp. Honey	£9.73	£87.57	
1610-10	As above but 10 Amp. Red	£9.73	£87.57	
1610-15	As above but 15 Amp. Blue	£9.73	£87.57	
1610-20	As above but 20 Amp. Yellow	£9.73	£87.57	
1610-25	As above but 25 Amp. Pearl	£9.73	£87.57	
1610-30	As above but 30 Amp. Light Green	£9.73	£87.57	
1170-06	Thermal bi-metallic with manual reset and manual trip. 6 Amp.	£10.87	£97.83	
1170-08	As above but 8 Amp.	£10.87	£97.83	
1170-10	As above but 10 Amp.	£10.87	£97.83	
1170-15	As above but 15 Amp.	£10.87	£97.83	
1170-20	As above but 20 Amp.	£10.87	£97.83	
1170-25	As above but 25 Amp.	£10.87	£97.83	
1170-30	As above but 30 Amp.	£10.87	£97.83	
5700-02	Thermal bi-metallic with reset and trip. Hole dia. 9.6mm with 6.3mm blade terminals. 2.5 Amp.	£13.62	£122.58	
5700-05	As above but 5 Amp.	£15.60	£140.40	
5700-07	As above but 7 Amp.	£13.62	£122.58	
5700-10	As above but 10 Amp.	£13.62	£122.58	
5700-15	As above but 15 Amp.	£13.62	£122.58	
5700-20	As above but 20 Amp.	£13.62	£122.58	
5700-25	As above but 25 Amp.	£13.62	£122.58	
ETA 483 series circuit breakers built to military specs for WRC cars and similar. Push / pull actuator with current rating marked.				
483-02	483 Series circuit breaker. 2 Amp	£49.30	£443.70	
483-04	As above but 4 Amp.	£49.30	£443.70	
483-05	As above but 5 Amp.	£49.30	£443.70	
483-7.5	As above but 7.5 Amp.	£49.30	£443.70	
483-10	As above but 10 Amp.	£49.30	£443.70	
483-15	As above but 15 Amp.	£49.30	£443.70	
483-20	As above but 20 Amp.	£49.30	£443.70	
483-25	As above but 25 Amp.	£49.30	£443.70	
483-30	As above but 30 Amp.	£49.30	£443.70	
Type 4120 is available for slightly less arduous applications than the 483 circuit breaker.				
The 4120 nevertheless offers a very high standard of performance. Please enquire for details				£27.85
Please see the web site for full specifications of all the above circuit breakers.				

Fuse Holders. (Fuses are not included with any fuse holders unless otherwise indicated)

Item Ref.	Description	1 off	10 off	50 off
BDB1	Battery Distribution Box designed for simple and compact power distribution. Battery terminal bolts directly to positive battery post. Provides 8 maxi fuses and 2 midi fuses. Supplied with 8 terminals for 4-6mm cables. Order fuses separately. Size: W115mm L150mm H45mm	£31.20	£280.80	
 				
FHA500	4 Way Maxi fuse holder. Simplifies power distribution and protection of alternator circuit. Single stud M6 power connection. Tube terminal, nut & fuse puller are supplied. Top cover with O ring seal. (Order 2 feet & 4 terminals to suit cable size separately)	£16.24	£146.16	
FHA800	As above but with 2 plug in terminal blocks. 2 feet supplied. (Order terminals seperately)	£19.25	£173.25	
FHA500LF	Lefthand Mounting foot for 4 way Maxi fuse holder. Viewed with cable entry towards you.	£0.56	£5.04	
FHA500RF	Righthand Mounting foot for 4 way Maxi fuse holder. Viewed with cable entry towards you.	£0.56	£5.04	
848	Adaptor to fix Splashproof fuse holder FHA240 to rear left hand side of FHA800. (Spaces fuseholder over main cable entry).	£0.95	£8.55	
949	Adaptor to fix Splashproof fuse holder FHA240 to left hand side of FHA500	£0.95	£8.55	
  				
      				
NEW FBS1U	Single way fuse holder that interlocks with interlocking relay bases. (Includes terminals) Can be used to mount a 2 Amp diode Type FBD2A. (2 Amp diode in a fuse package. See page 26)	£1.50	£13.50	
FHA3000	6w open frame standard blade fuse holder with mounting lugs & terminals.	£6.80	£61.20	
FHA1kit	1W Maxi fuse holder kit inc bracket (State term size)	£3.29	£27.97	
FHA2kit	1W Maxi fuse holder with cable seals For 4-6mm cables	£8.35	£75.15	
FHA3kit	1W Maxi fuse holder with cable seals For 6-10mm cables	£8.35	£75.15	
3-7650	Terminal for FHA500, 800 & FHA1000 fuse holders 1.5-2.5mm cable	£0.49	£4.41	£19.60
3-7660	Terminal for FHA500, 800 & FHA1000 fuse holders 4 - 6mm cable	£0.49	£4.41	£19.60
3-7670	Terminal for FHA500,800 & FHA1000 fuse holders 8 - 10mm cable	£0.49	£4.41	£19.60
3-7671	Terminal for FHA500 & FHA1000 fuse holders 16mm cable	£0.91	£8.19	£36.40
440	Mounting bracket for 1 way Maxi fuse holder (2 screw)	£0.56	£5.04	£22.40
FHA240	1 Way Splashproof Standard blade fuse holder with cover Will clip to another FHA240, FBB16U, FHA800, FHA1000 & 40600 connector block. (State terminal size)	£1.43	£12.87	
3-7900	Terminal for (FHA240) Standard fuse holders 1.0 - 2.5mm cable		£1.30	£5.85
3-7901	Terminal for (FHA240) Standard fuse holders 2.5 - 6mm cable		£1.30	£5.85
3-7780	Wire seal for FHA240 & FHA5Kit. White.	£0.20	£1.80	
430	Mounting bracket for 1 way splashproof fuse holder (1 screw)	£0.47	£4.23	
FHA5kit	1W Splashproof Standard Blade fuse holder kit inc bracket (Wire seals are not supplied with the kit. Please order separately.)	£1.80	£15.30	
FHA9	1 Way Standard blade fuse holder with cover To be used 2 or more as assembly provides fixing hole	£1.51	£13.59	
FHA17	1 Way Standard blade fuse holder with male blade contacts, mounting base & cover.	£1.50	£13.50	
FHA16	Single way interlocking blade fuse holder with 2 fixing holes. Male blade contacts	£0.61	£5.49	
FHA330	Panel mounting blade fuse holder with male 6.3mm blade contacts. Panel cutout 22 x 11mm.	£0.80	£7.20	
    				

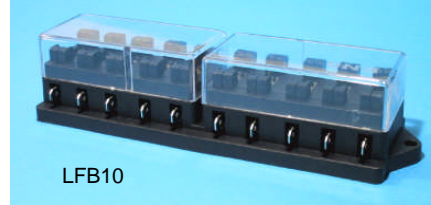
Item Ref.	Description	1 off	10 off
LFB04	4w surface mounting blade fuse holder 6.3mm male blade contacts. Single clear cover.	£3.22	£28.98
LFB06	6w surface mounting blade fuse holder 6.3mm male blade contacts. Single clear cover.	£4.48	£40.32
LFB08	8w surface mounting blade fuse holder 6.3mm male blade contacts. Two clear covers.	£5.50	£49.50
LFB10	10w surface mounting blade fuse holder 6.3mm male blade contacts. Two clear covers.	£5.74	£51.66
LFB12	12w surface mounting blade fuse holder 6.3mm male blade contacts. Two clear covers with fixing screws.	£6.87	£61.83



LFB04

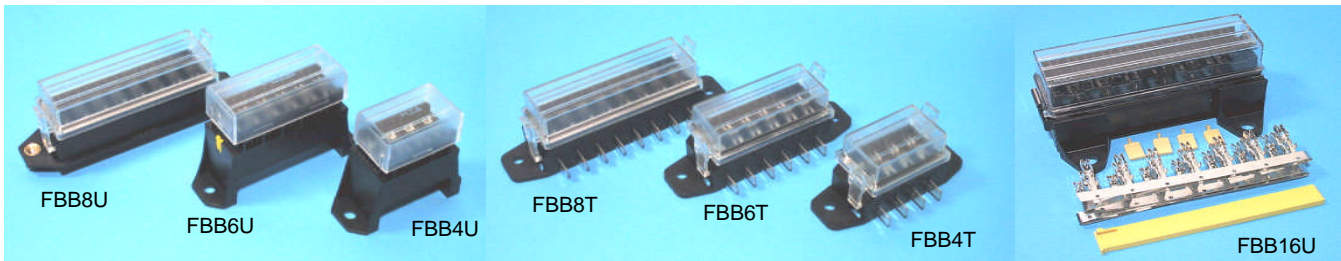


LFB06

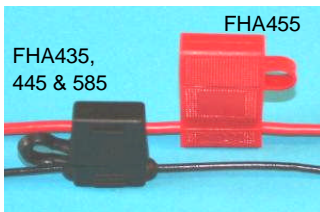


LFB10

Item Ref.	Description	1 off	10 off
FBB4U	4w Blade fuse Box. 6.3mm terminals connect from underside	£1.72	£15.48
FBB6U	6w Blade fuse Box. 6.3mm terminals connect from underside	£2.42	£21.78
FBB8U	8w Blade fuse Box. 6.3mm terminals connect from underside	£3.77	£33.93
FBB4T	4w Blade fuse Box. 6.3mm terminals connect from sides	£2.17	£19.53
FBB6T	6w Blade fuse Box. 6.3mm terminals connect from sides	£2.96	£26.64
FBB8T	8w Blade fuse Box. 6.3mm terminals connect from sides	£4.12	£37.08
FBB16U	16w Blade fuse Box. Terminals are included and insert from the underside. This fuse box will clip to relay boxes RB4U & RB7U to form one unit.	£14.95	£134.55
3-7911	Busbar Fuse holder terminal for 4-6mm cable (Per 12 for FBB16U)	£1.50	£13.50



Item Ref.	Description	1 off	10 off	50 off
FHA435	Black wire ended standard blade f/h with splashproof lid 20 Amp	£1.00	£9.00	
FHA445	Black wire ended standard blade f/h with splashproof lid 30 Amp	£1.20	£10.80	
FHA455	Red wire ended standard blade f/h with splashproof lid 30 Amp. Rectangular body.	£1.80	£16.20	
NEW FHA585	Black wire ended Mini blade f/h with splashproof lid 20 Amp	£1.20	£10.80	
FHA4	Wire ended inline fuse holder for 30mm glass fuse. 17 Amps max.	£0.55	£4.95	
FHA18	Inline fuse holder with 5A ceramic fuse. 6.3mm male blade terminals	£0.66	£5.94	



FHA435, 445 & 585



FHA4

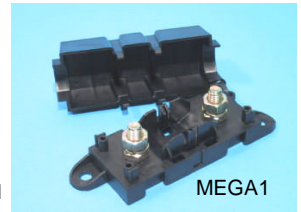
FHA18



FH560



MIDI 1



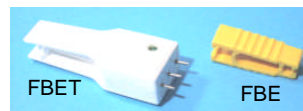
MEGA1

FH560	1 way Midi fuse holder. Maximum cable size 16mm	£1.75	£15.75
MIDI1	1 way Midi fuse holder. Side stackable. M5 Studs	£4.19	£37.71
MEGA1	1 way Mega fuse holder. Side stackable. M8 Studs	£4.84	£43.56

RELF-1	3w fuse box plus 1 relay/flasher. Units interlock together	£0.96	£8.64
RELF-1kit	3w fuse box plus 1 relay/flasher. Units interlock together Complete with terminals. State size of cable being used.	£1.75	£15.75
3-2922	6.3mm Brass female terminal for 0.5 - 2.0mm cable with latch	£0.50	£2.13
3-2922/0.5	6.3mm Plated female terminal for 0.5 - 1.0mm cable with latch	£0.60	£2.55
3-2922/1	6.3mm Plated female terminal for 1.5 - 2.5mm cable with latch	£0.60	£2.55
3-2922/2	6.3mm Plated female terminal for 2.5 - 6mm cable with latch	£0.70	£2.98
30-799	Terminal for 3w fuse holders 1.0 - 2.5mm	£0.81	£3.60
30-800	Terminal for 3w fuse holders 2.5 - 6mm	£0.81	£3.60



RELF-1



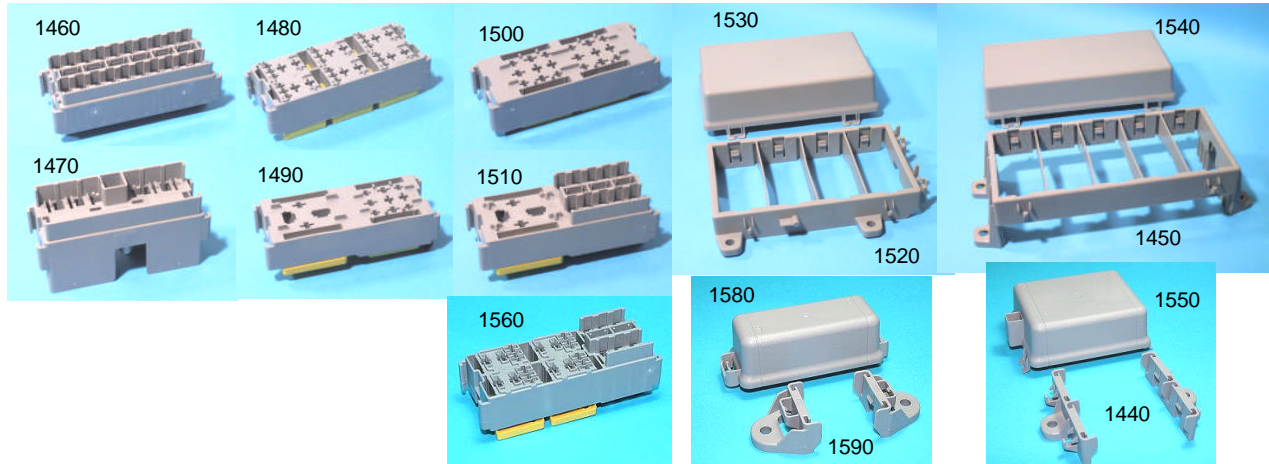
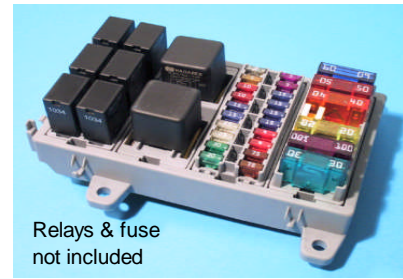
FBET

FBE

FBE	Blade fuse extractor.	£0.20	£1.50
FBET	Blade fuse extractor with built in LED tester	£3.96	£35.64

MTA Modular Fuse and Relay System

A modular system for mounting a comprehensive range of fuse and relay modules. Frames of 1, 2, 4 and 5 modules carry 7 different configurations of mini blade fuse, maxi fuse, micro relay, standard relay and high current relay modules. The 6 way maxi fuse module has an M8 stud for the main power feed input. This cable can enter through either side of the housing providing the module is placed at the end. By using a right angle tube terminal, the power can enter from beneath with all the other cables. Terminals are crimped or crimped and soldered, then inserted from beneath. A secondary terminal lock is then pushed into place to further hold the terminals. A cover can be fitted over the completed frame. All parts must be ordered separately.



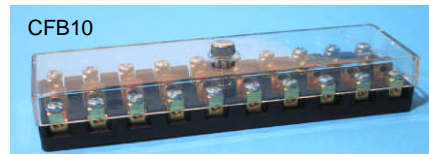
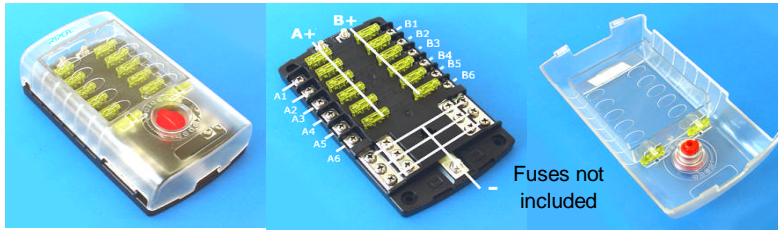
Item Ref.	Description	1 off	10 off
1580	Pair of housings for 1 module. Wires enter from below through panel cutout. Overall Dims. 150 x 40mm. Height inc. cover 67mm	£7.52	
1590	Cover for 1 module housing.	£5.93	
1440	Pair of housings for 2 modules. Wires enter from below through panel cutout. Overall Dims. 131 x 78mm. Height inc. cover 67mm	£7.61	
1550	Cover for 2 module housing.	£7.35	
1520	Housing for 4 modules. Wires enter from below through panel cutout. Overall Dims. 165 x 115mm. Height inc. cover 67mm	£6.69	
1530	Cover for 4 module housing.	£4.55	
1450	Housing for 5 modules. Wires enter from below through panel or from the sides. Overall Dims. 241 x 100mm. Height inc. cover 97mm	£7.78	
1540	Cover for 5 module housing.	£5.36	
1460	20 way Mini fuse module with secondary terminal locks	£7.70	
1470	6 way Maxi fuse module with common bus & secondary terminal locks	£14.45	
1480	6 way Micro relay module with secondary terminal lock	£8.45	
1490	1 Standard relay and 1 maxi relay module with secondary terminal locks	£8.45	
1500	2 way Standard relay module with secondary terminal lock	£8.45	
1510	10 Mini fuse and 1 maxi relay module with secondary terminal locks	£8.45	
1560	6 Mini fuse and 4 micro relay module with secondary terminal locks	£8.45	
	Terminals for Maxi blade fuses (Order 1 per fuse. The second terminal is part of the module.)		
3-7650	Terminal for Maxi fuse module 1.5 - 2.5mm cable	£0.49	£4.41
3-7660	Terminal for Maxi fuse module 4 - 6mm cable	£0.49	£4.41
3-7670	Terminal for Maxi fuse module 8 - 10mm cable	£0.49	£4.41
3-7671	Terminal for Maxi fuse module 16mm cable	£0.91	£8.19
	Terminals for Mini blade fuses (Order 2 per fuse except when using busbar terminals)		
3-8330	Terminal for Mini fuse module 0.35 - 0.75mm cable	£0.15	£1.35
3-8331	Terminal for Mini fuse module 1 - 2mm cable	£0.15	£1.35
3-8332	Terminal for Mini fuse module 2.5 - 4mm cable	£0.15	£1.35
	Busbar terminals in strips of 10 (Used for common power feeds to fuses)		
3-8335	Busbar terminal for Mini fuse module 1 - 2mm cable	£1.46	£13.14
3-8336	Busbar terminal for Mini fuse module 2.5 - 4mm cable	£1.66	£14.94
	Terminals for relays (Order 2 x 6.3mm & 2 or 3 x 4.8mm for Micro relays. Order 4 or 5 x 6.3mm for Standard relays)		
3-5615	4.8mm Terminal for 0.35 - 0.5mm cable	£0.28	£2.52
3-5620	4.8mm Terminal for 0.75 - 1mm cable	£0.24	£2.16
3-5630	4.8mm Terminal for 1.5 - 2.5mm cable	£0.24	£2.16
3-2050	6.3mm terminal for 1 - 4mm cable	£0.46	£4.14
	Terminals for Maxi relay power connections. (Order 2 x 6.3mm 3-2050 terminals for coil connections)		
3-07740	9.5mm terminal for 2.5 - 5mm cable	£0.50	£4.50
3-07741	9.5mm terminal for 6 - 8mm cable	£0.50	£4.50

NEW



Distribution Fusebox with Negative Common Circuit

Item Ref.	Description	1 off	10 off
5026B	This fuse box contains 2 Positive Circuits and 1 common Negative Circuit. <u>Positive Circuit A:</u> 1x common bus and 6 standard blade fuses. <u>Positive Circuit B:</u> 1x common bus and 6 standard blade fuses. <u>Negative Circuit:</u> 1x common bus and 12 pole connector block. Positive and Negative common buses: M5 studs. Cover with retaining device has space for 2 spare fuses. Size: L164xW94xH57mm (Fuses are not included)	£24.95	£224.55



Item Ref.	Description	1 off	10 off
FBG2T	2 way fuse box for 30mm glass fuses with storage for 2 spare fuses	£7.96	£71.64
CFB00	2 Way terminal link for ceramic fuse boxes.	£0.40	£3.60
CFB04	4w surface mounting ceramic fuse holder with screw	£2.96	£26.64
CFB06	6w surface mounting ceramic fuse holder with screw	£3.93	£35.37
CFB08	8w surface mounting ceramic fuse holder with screw	£4.84	£43.56
CFB10	10w surface mounting ceramic fuse holder with screw	£5.85	£52.65
CFB12	12w surface mounting ceramic fuse holder with screw connections. Single clear	£6.83	£61.47

DIN Power Connectors and Cigar Lighters

Item Ref.	Description	1 off	10 off
DINSK1	DIN socket for 18mm panel hole fixing. Plastic cover 16Amps Maximum	£4.40	£39.60
DINSK2	DIN socket for 18mm panel hole fixing. Sprung loaded cover 16Amps Maximum	£5.40	£48.60
DINSK3	DIN socket for surface fixing. Plastic cover 16Amps Maximum	£5.39	£48.51
DINSK4	3 DIN sockets on a panel for panel mounting. Panel hole 70x20mm. 16Amps Max.	£10.57	£95.13
DINPL5	DIN plug with internal 8A ceramic fuse. Also fits most lighter sockets with red adaptor fitted	£3.17	£28.53
DINPL6	DIN plug with internal 8A ceramic fuse & green LED. Also fits most lighter sockets with red adaptor fitted	£5.04	£45.36
DINPL7	DIN plug angled 90 deg. with int. 7.5A fuse & green LED indicator. Fits most lighter sockets with adaptor	£8.67	£78.03
DINPL8	DIN plug 16A . Fits DIN sockets only	£2.68	£24.12
PWRSKT1	20 Amp power socket in the form of a cigar lighter with cover. 28mm panel hole	£3.83	£34.47
PWRBKT1	Bracket for 20 Amp power socket above.	£0.60	£5.40
PWRSKT2	Cigar lighter plug supplying 2 sockets via flexible cable. 10 Amps max.	£12.95	£116.55
PWRSKT3	Cigar lighter socket connected to Red and Black croc clips. 5 Amps max.	£5.00	£45.00
PWRSKT4	Cigar lighter plug & socket connected by 2.45 mtr working length retractable cable. 5 Amps max.	£7.42	£66.78
PWRSKT5	Cigar lighter plug connected to open end by 2.45 mtr working length retractable cable. 5 Amps max.	£4.68	£42.12
PWRSKT6	Retractable cable, 2.45 mtrs working length. 2 x 24/0.2mm conductors. 6 Amps max. 12 volts only.	£5.95	£53.55
PWRSKT7	As above but with 3 cores. 5 Amps max. 12 volts only	£7.40	£66.60
PWRSKT8	Cigar lighter plug supplying 2 sockets and a USB output via flexible cable. Supply voltage indication using IED's. Internal 10 Amp fuse.	£10.80	£97.20



NEW

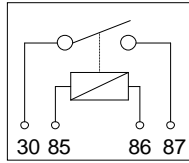


Item Ref.	Description	1 off
CL710	Complete illuminated cigar lighter (Modern appearance)	£5.76
CL711	Complete illuminated cigar lighter (Classic appearance)	£5.49

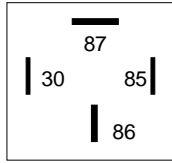


Relays

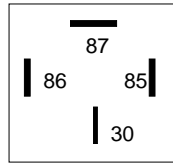
All relays are 12 volt DC unless otherwise stated. 6 and 24 volt relays available to order



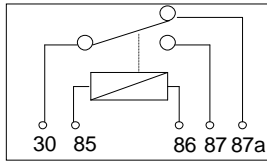
Normally open contacts



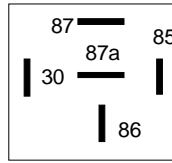
Relay Form A



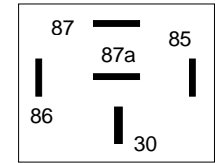
Relay Form B



Change over contacts



Relay Form A



Relay Form B

Standard Relays (Form A) without fixing bracket

Item Ref.	Description
238384	40A Relay. Normally open. With separate fixing bracket.
2388	40A Relay. Normally open. Double output
2392	40/15A Relay. Change over



1 off	10 off
£1.95	£17.55
£2.10	£18.90
£2.38	£21.42

Standard Relays (Form B) without fixing bracket

Item Ref.	Description
202552	40A Relay. Normally open. With separate fixing bracket.
2026	40A Relay. Normally open. Double output
2027	40/30A Relay. Change over
2055	24 Volt, 20/10A Relay. Change over
2795	20A Relay. Normally open. Double contact & double output
2715R	30A Relay with resistor. Normally open. Moisture Sealed
2738R	40A Relay with resistor. Normally open
2742D	40A Relay with diode. Normally open
2746R	40A Relay with resistor. Normally open. Double output
2753R	40/15A Relay with resistor. Change over



1 off	10 off
£1.95	£17.55
£2.10	£18.90
£2.38	£21.42
£2.38	£21.42
£3.98	£35.82
£5.00	£45.00
£2.14	£19.26
£2.47	£22.23
£2.48	£22.32
£2.76	£24.84

Standard Relays (Form A) with fixing bracket

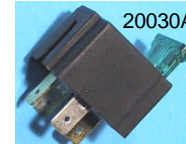
Item Ref.	Description
238384	40A Relay. Normally open. With separate fixing bracket.
2387	40A Relay. Normally open. Double output
2391	40/15A Relay. Change over



1 off	10 off
£1.95	£17.55
£2.10	£18.90
£2.38	£21.42

Standard Relays (Form B) with fixing bracket

Item Ref.	Description
2737R	40A Relay with resistor. Normally open
2741D	40A Relay with diode. Normally open
2698R	40A Relay with resistor. Normally open. Double output
2752HDR	40/30A Relay with resistor. Separate bracket. Change over contacts.
2794	20A Relay. Normally open. Double contact & double output
20015A	30A Relay with integral 15A fuse. Normally open with separate bracket
20030A	30A Relay with integral 30A fuse. Normally open with separate bracket
72750	30A Japanese type relay. Normally open with bracket



1 off	10 off
£2.23	£20.07
£2.47	£22.23
£2.48	£22.32
£2.76	£24.84
£3.98	£35.82
£4.50	£40.50
£4.50	£40.50
£5.00	£45.00

Standard Relay Bases

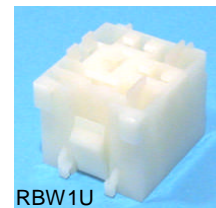
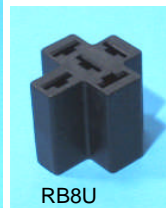
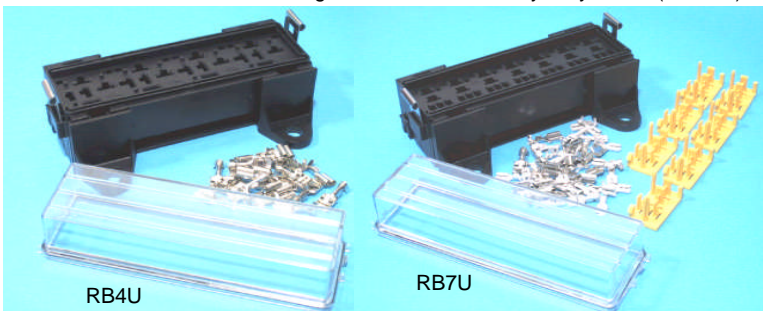
Item Ref.	Description
RBS1U	Standard interlocking relay base with fixing hole
3-2922	Brass Female 6.3mm Terminal for above with latch
3-2922/0.5	6.3mm Plated female terminal for 0.5 - 1mm cable with latch
3-2922/1	6.3mm Plated female terminal for 1.5-2.5mm cable with latch
3-2922/2	6.3mm Plated female terminal for 2.5-6mm cable with latch
RBS1Ukit	Standard interlocking relay base supplied with 5 off 3-2922 terminals.



1 off	10 off	50 off
£0.77	£6.90	£30.50
	£0.60	£2.40
	£0.70	£2.80
	£0.70	£2.80
	£0.80	£3.20
£0.90	£7.50	

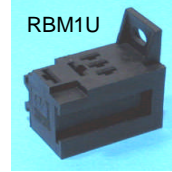
RB4U	4 way Standard relay box with transparent cover & terminals	£13.60	£122.40
RB7U	7 way Micro relay box with transparent cover & terminals	£20.71	£186.39

Relay boxes RB4 & 7U will clip to each other and to fuse box FBB16U to form an integrated unit.				
RB8U	Single loose relay socket for use with bracketed relays. (5 Terminals Supplied)	£0.77	£6.93	£30.80
RBW1U	1w Standard relay base (White) that clips to either RB4U, RB7U or FBB16U fuse box or to another to form a multiple block. Requires mounting bracket 430 or 440 for multiple block. (5 Terminals Supplied)	£0.94	£8.46	£37.60
RBB1U	1w H/Duty (70A) relay base (Black) that clips as above, (4 Terminals Supplied)	£1.93	£17.37	£77.20
430	Mounting bracket for white 1 way relay holder (1 screw)	£0.47	£4.23	£18.80
440	Mounting bracket for white 1 way relay holder (2 screw)	£0.56	£5.04	£22.40



Micro Relays and Relay Bases

Item Ref.	Description
2842R	25A Micro Relay with resistor. Normally open
2845R	25A/15A Micro Relay with resistor. Change over output
2847R	24 Volt, 10A/5A Micro Relay with resistor. Change over output
RBM1U	Micro interlocking relay base with fixing hole
3-2922/0.5	6.3mm Plated female terminal for 0.5 - 1mm cable with latch
3-2922/1	6.3mm Plated female terminal for 1.5-2.5mm cable with latch
3-2922/2	6.3mm Plated female terminal for 2.5-6mm cable with latch
3-6313	4.8mm Terminal for Micro relay bases 0.5 - 1.0mm
3-6312	4.8mm Terminal for Micro relay bases 1.5 - 2.5mm
RBM1Ukit	Micro interlocking relay base with terminals & fixing hole (State terminal sizes required. 3 x 4.8 & 2 x 6.3mm)



	1 off	10 off	50 off
2842R	£2.51	£22.59	£100.40
2845R	£2.61	£23.49	£104.40
2847R	£2.87	£25.83	£114.80
RBM1U	£0.73	£6.57	£29.20
3-2922/0.5		£0.70	£2.80
3-2922/1		£0.70	£2.80
3-2922/2		£0.80	£3.20
3-6313		£1.00	£4.50
3-6312		£1.60	£7.20
RBM1Ukit	£1.05	£9.45	

High Current Relays and Relay Bases

Item Ref.	Description
268763	70A Maxi Relay. Normally open with seperate bracket
2810R	70A Maxi Relay with resistor. Normally open with Bracket
2811R	70A Maxi Relay with resistor. Normally open without Bracket
RBHD1U	H/duty Maxi Relay interlocking base with fixing hole
3-2922	Brass Female 6.3mm Terminal for above with latch
3-6565	9.5mm Terminal for HD Relay holders 2.5 - 4.0mm
3-6566	9.5mm Terminal for HD Relay holders 4.0 - 6.0mm
3-3692	9.5mm Terminal for HD Relay holders 6.0 - 10.0mm
RBHD1Ukit	H/duty Maxi relay interlocking base with terms & fixing hole



	1 off	10 off	50 off
268763	£4.74	£42.66	
2810R	£5.08	£45.72	
2811R	£5.08	£45.72	
RBHD1U	£0.77	£6.93	
3-2922		£0.60	£2.40
3-6565	£0.21	£2.10	£9.45
3-6566	£0.27	£2.70	£12.15
3-3692	£0.23	£2.30	£10.35
RBHD1Ukit	£1.43	£12.87	

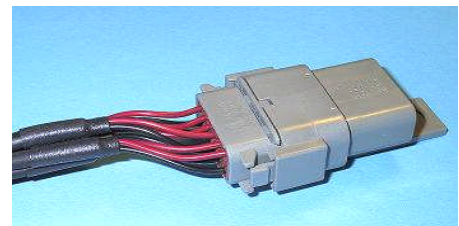
Note: Standard, Micro & HD Black bases all interlock. Please State terminal sizes required in kits.

Item Ref.	Description	1 off	10 off
72718	120A Relay M6 stud terminals. Normally open With Bracket	£12.25	£110.25
33500	12 volt solenoid. Chassis return	£10.50	
33502	12 volt solenoid with cold start terminal. Chassis return	£10.50	
33509	12 volt solenoid with manual button with rubber cover. Chassis return	£23.21	



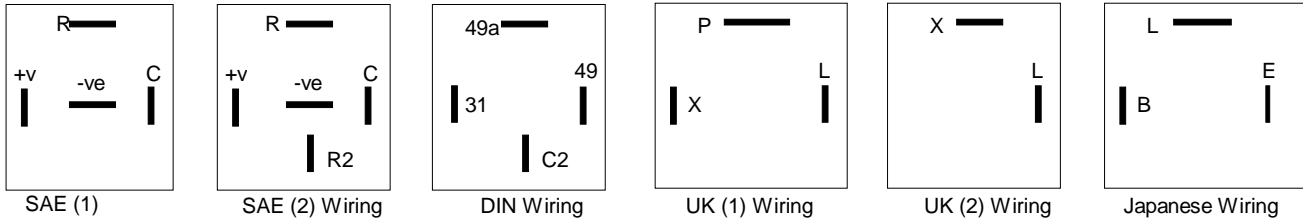
Item Ref.	Description	1 off
E3034	Universal Wiper washer controller	Discontinued

F1230	<p>Fire System Interconnect Module</p> <p>The Fire System Interconnect Module offers a simple and reliable means of connecting a Lifeline electrically triggered fire extinguisher system. The module will accept 2 or 3 switches, 1 or 2 firing heads, 1 power pack and screened cable earth connections where appropriate. It is possible with simple tools, to remove cables from the waterproof mating connector for maintenance or repairs.</p> <p>This unit is approved by Lifeline Fire Systems Ltd. Please enquire for more details or see our website.</p>	£45.00
-------	---	--------



Flasher Units and Special Function Relays

Flasher unit connections.



SAE wiring. Spain, France, Italy.
 DIN wiring. Germany
 UK wiring. USA, Canada, UK
 Japan wiring. Honda, Suzuki.

TERMINAL	SAE	DIN	UK	JAPAN
+ Battery	+ve	49	X	B
Earth	-ve	31		E
Switch	C	49a	L	L
Ind lamp	R		P	
Trailer lamp	R2	C2		

Please supply part number & terminal numbers on existing units or enquire for suitable unit for special applications.
 Flasher units available to order for Toyota, Mazda, Nissen, Honda, Ford, BMW, Audi, VW, Fiat, Austin, Rover etc.

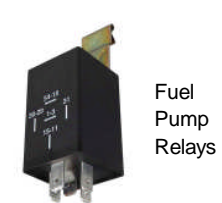
Item Ref.	Description	1 off	10 off
60612	12 volt Popple flasher unit. 2 x 21 watt	£3.40	£30.60
60650	12 volt Popple hazard unit. 4 x 21 watt	£3.94	£35.46
60600	12 volt Electronic hazard/flasher unit to replace hot wire type. Without earth. 2/4 x 21 watt + 5 watt.	£4.95	£44.55
74422	12 volt Electronic hazard/flasher unit. Low profile case. Negative earth only. 2/4 x 21 watt.	£6.60	£59.40
74412	12 volt Electronic hazard/flasher unit. Low profile case. Neg. earth only. 2/4 x 21 watt + 5 watt dash repeater.	£7.35	£66.15
74438	12 volt Electronic hazard/flasher unit. Negative earth only. 2/4 x 21 watt + 5 watt repeater. Fixing bracket	£11.82	£106.38
50612	12 volt adjustable caravan flasher warning light relay. Added to existing system to provide trailer warning light.	£6.70	£60.30
74436	12 volt Caravan hazard/flasher unit. Negative earth only. 2 + 1/6 x 21 watt. Two dash repeaters.	£9.90	£89.10
74462	12 volt Caravan hazard/flasher unit. Negative earth only. 2 + 1/6 x 21 watt. Trailer dash repeater connection.	£9.50	£85.50
74350	10 min rear window heater timer (Requires Mon switch to operate).	£9.60	£86.40
74312	12 volt Interior lights delay. Gives 10 second delay to interior lights. Connections, 1-door switch, 2-+ve feed, 3-earth, 4-neg side of lamp. Wiring diagram supplied.	£7.21	£64.89
56200	Light on warning buzzer. Wiring diagram supplied.	£6.48	£58.32
16297	Wiper module with intermittent delay time of 3.5 secs	£15.75	£141.75
16347	Universal warning buzzer. 12 volts. 72db piezo. Plug in relay module housing.	£5.95	£53.55
16276	Universal warning buzzer. 12 volts. 86db. With connector	£3.80	£34.20



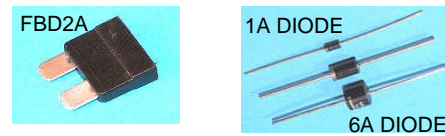
72723	Split charge relay. 70/20 Amp. 2 x 9.5, 1 x 6.3 & 2 x 2.8mm Blade terminals. Isolates fridge circuit separately.	£14.97	£134.73
-------	--	--------	---------



Item Ref.	Description. Fuel Pump relays.	1 off	10 off
72311	Ford. 82GG9P704AA, 6107322. Lucas FDB 503	£23.38	£187.04
72313	Ford. 85GG9P704AA, 6145938	£23.38	£187.04
72322	Ford. 85AG9P704AA, 6161570. Lucas FDB 502	£23.38	£187.04
72323	Opel. 1238563, 1238566	£23.38	£187.04
72331	GM. 90124673, 90158189, 90158443, 90213542. Lucas FDB 501.	£23.38	£187.04
72332	GM. 90 225811, 230894, 240698, 378651. Lucas FDB 504.	£25.61	£204.88
72333	Audi/VW. 321 906 059H, 443 907 385C, G, H. Lucas FDB 508	£25.61	£204.88
72334	Audi/VW. 321 906 059K, 443 907 385E, F, J. Lucas FDB 509	£25.61	£204.88
72335	Audi/VW. 321 906 059D, E, F. 443 906 059A, 907 385. Lucas FDB 510	£25.61	£204.88
72341	Audi/VW. 321 906 059G, 443 907 385B. Lucas FDB 511	£23.38	£187.04
72341	Audi/VW. 191 906 363, 357 906 363. Lucas FDB 507	£25.61	£204.88
72341	Bosch. 0 280 230 009. Peugeot. 655522, 9549662, Audi/VW X03 952 671. Lucas FDB 505	£25.61	£204.88



Item Ref.	Description	1 off	10 off
FBD2A	2 Amp Diode in a standard blade fuse package	£1.95	£17.55
1ADIODE	1 Amp Diode	£0.20	£1.80
3ADIODE	3 Amp Diode	£0.30	£2.70
6ADIODE	6 Amp Diode	£0.90	£8.10
10A DIODE	10 Amp Diode. Male 6.3mm blade connections	£1.80	£16.20

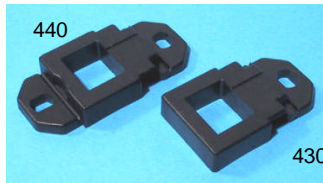
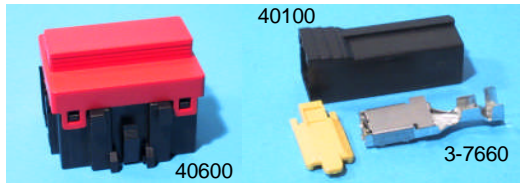


Joining Boxes

Item Ref.	Description	1 off	10 off
PJ1	Power Joining box 2 x 8mm stud terminals & fixing hole	£6.39	£57.51
PJ2	Power Joining box 3 x 8mm stud terminals & fixing hole	£8.50	£76.50
CB8	8 way weatherproof junction box with screw fixings for cables	£9.90	£89.10
CB10	10 way weatherproof junction box with 8 x 6.3mm male blade terminals per way. Supplied with grommets for 2 core flat cable plus 4, 5 and 7 core round cables. Ideal for trailers, boats, RV's etc. (Female 6.3mm blade terminals not included)	£20.00	£180.00



Item Ref.	Description	1 off	10 off
40600	Connector block for up to 6 cables with a maximum size of 16mm. Fuse holders FHA240 and FHA1000 will clip to the front and sides. Cables enter from below. Order 1 housing and terminal for each cable . Order mounting bracket separately. Dims. 54 x 44 x 48mm	£13.46	
40100	Terminal housing & yellow secondary lock for 6w connector block. (1 required per cable)	£1.35	
3-7650	Terminal for 6w connector block. 1.5 - 2.5mm cable	£0.49	£4.41
3-7660	Terminal for 6w connector block. 4 - 6mm cable	£0.49	£4.41
3-7670	Terminal for 6w connector block. 8 - 10mm cable	£0.49	£4.41
3-7671	Terminal for 6w connector block. 16mm cable	£0.91	£8.19
430	Mounting bracket for 6 way connector block (1 screw)	£0.47	£4.23
440	Mounting bracket for 6 way connector block (2 screws)	£0.56	£5.04
81296	ABS universal junction box. O ring seal.52 x 50 x 35mm	£3.14	£28.26
81298	ABS universal junction box. O ring seal.100 x 100 x 50mm	£3.70	£33.30
81300	ABS universal junction box. O ring seal.150 x 110 x 70mm	£6.00	£54.00



Trailer plugs and Sockets

Item Ref.	Description	1 off	10 off
TP720	12N 12v 7 pin plastic trailer socket	£1.80	£16.20
TP730	12S 12v 7 pin plastic trailer socket	£1.96	£17.64
TP750	12N 12v 7 pin metal trailer socket	£2.95	£26.55
TP770	12N 12v 7 pin High Quality trailer socket	TBA	
TP102	Rubber gasket for sealing rear of 7 pin trailer sockets	£0.44	£3.96
TP100	Coated steel, single socket mounting plate	£1.22	£10.98
TP700	12N 12v 7 pin plastic trailer plug	£1.74	£15.66
TP710	12S 12v 7 pin plastic trailer plug	£1.88	£16.92
TP740	12N 12v 7 pin metal trailer plug	£2.85	£25.65
TP760	12N 12v 7 pin High Quality trailer plug	TBA	
TP106	Pre wired 12N 7 pin plastic socket and mounting plate with 1.5 Mtrs of cable	£4.74	£42.66
TP107	Pre wired 12N & 12S 7 pin plastic sockets & double mounting plate. 1.5 Mtrs of cables	£10.61	£95.49
TP153	Tow ball plastic cover.	£1.92	

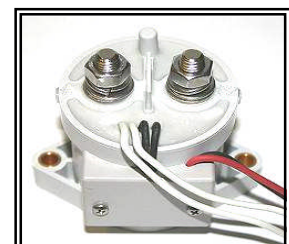


Switches

Master Battery Contactor

BDSA Battery disconnect contactor for use as a battery master switch. Rated at 200A continuous, 500A start. Hermetically sealed making it safe to mount adjacent to the battery. Keeps battery cables to a minimum saving weight. Coil only consumes 1.7 watts when on due to an economizer device. Aux internal contact for circuit monitoring. Two separate relays are used to provide FIA ignition requirement. Supplied without internal and external switch (See PBS8R & G or PBS10R) and auxiliary relays. Wiring diagram included.

1 off
£93.36



Battery Master Switches

Item Ref.	Description	1 off	10 off
MBS1	Battery Master Switch. Rated at 100A at 24v, 500A for 5 seconds. M8 Studs	£5.75	£51.75
MBS1EKEY	Spare Key for MBS1	£0.97	£8.73
MBS2	FIA M/Switch. Aux NC & NO contacts & resistor. Rated at 100A at 12v, 500A for 5 secs. M10 studs	£19.97	£179.73
MBS2KEY	Spare Key for MBS2	£2.94	£26.46
RES33	Resistor for FIA switch with mounting lugs	£3.84	£34.56
MBS3	Battery Master Switch. Rated at 100A at 24v, 500A for 5 seconds. M10 Studs. 19.5mm panel hole.	£11.99	£107.91
MMBS4	Marine Batt Master Switch. Rated at 100A at 24v, 500A for 5 seconds. M10 Studs. 22.5mm panel hole.	£11.85	£106.65
MMBS4key	Replacement key for MMBS4 Battery Switch	£1.61	£14.49



MMBS5	Marine Double Pole Batt Master Switch. Rated at 250A at 24v, 2500A for 5 seconds. M10 Studs.	£76.93
MMBS6	Marine Batt Master Switch. Rated at 275A (1hr) at 48v, 1250A for 10 seconds. M10 Studs. CE Marked.	£15.86
MMBS7	Marine Batt Master Switch. Rated at 550A (1hr) at 48v, 2500A for 10 seconds. M12 Studs. CE Marked.	£48.58
MCOS2	Marine Batt C/Over Switch. Rated at 175A at 12v, 300A for 5 secs. Selects between 1, 2, or both.	£19.75



Item Ref.	Description	1 off	10 off
PBS1	Heavy duty momentary single pole push button with rubber gaiter. 25A at 12v DC. Screw terminals. 16mm panel hole. Can be used for floor mounted horn switch.	£4.85	£43.65
PBS2	Momentary single pole push button with black plastic body & button. 12.5A at 12v DC. Screw terminals. 22mm panel hole.	£3.40	£30.60
PBS3	Momentary single pole push button with black plastic button & metal bezel. 10A at 12v DC. Screw terminals. 22mm panel hole.	£4.98	£44.82
PBS4	Momentary single pole push button with red plastic button and black rubber cover. 25A at 12v DC. Screw terminals. 22mm panel hole.	£3.95	£35.55
PBS5	Momentary single pole push button with rubber gaiter & boot. 12.5A at 12v DC. Screw terminals. 22mm panel hole.	£6.54	£58.86
PBS6	Momentary single pole horn push button. 5A at 12v DC. Screw terminals. Surface mounting.	£10.40	£93.60
PBS7	Chrome plate on brass momentary push switch. Bezel 22mm dia. 19mm panel hole. 6A at 12v. Screw connections. NB. This switch must be used with a relay when used for starting.	£3.74	£33.66
PBS8R, G	Waterproof Momentary switch for use with BDSA battery switch. Red or Green. 30mm dia.	£9.80	£88.20
PBS9	Splashproof Momentary Start switch. Switch dia.38mm, mounting hole 30mm. 12v at 40A	£12.24	£110.16
PBS10R,G	Waterproof Latching switch for use with BDSA battery switch. Red or Green. 28mm dia. Sealed to IP67.	£18.60	£167.40



Item Ref.	Description. Please state colour of indicator when ordering. (Red, Amber, Green)	1 off	10 off
RKS10	Mini rocker switch. On/off 10A at 12v DC. Snap fits into 19.5 x 13mm panel hole. 4.8mm blade terms.	£1.60	£14.40
RKS11	Mini rocker switch with PVC cover. On/off 10A at 12v DC. Snap fits into 19.5 x 13mm panel hole. 4.8mm blade terminals.	£2.30	£20.70
RKS12	Rocker switch with flourescent indicator. On/off 16A at 12v DC. Snap fits into 30 x 11mm panel hole. 6.3mm blade terminals.	£1.54	£13.86
RKS13	Round rocker switch. On/off. 16A at 12v DC. Snap fits into 20mm dia. panel hole. 4.8mm blade terms.	£1.40	£12.60
RKS14	Round rocker switch. On/On. 16A at 12v DC. Snap fits into 20mm dia. panel hole. 4.8mm blade terms.	£1.60	£14.40
RKS15R,A,G	Round rocker switch. On/off. 16A at 12v DC. 20mm dia. panel hole. 4.8mm blade terms. State colour.	£2.00	£18.00
RKS16R,A,G	Round rocker switch. On/off. 16A at 12v DC. 20mm dia. panel hole. 4.8mm blade terms. State colour.	£2.10	£18.90
RKS17R,A,G	Oval rocker switch. On/off. 16A at 12v DC. 31 x 20mm. 12mm dia. panel hole. 6.3mm blade terminals. State colour.	£1.48	£13.32
RKS18R,A,G	Oval rocker switch. On/off. 16A at 12v DC. 31 x 20mm. 12mm dia. panel hole. 6.3mm blade terminals. State colour.	£2.40	£21.60



Modular Rocker Switch System

A range of switches and warning lights in modular form to provide a full range of functions in a contemporary and ergonomic design. Choice of illumination, voltage, weather protection and lens legend allow the user to select the components needed to produce exactly the switch functions required. Switches are rated at 15 amps at 28 volts. The complete product can be accommodated in an industry standard panel cut out or gang mounted on a choice of frames. IP67 sealed switches are available in some configurations.

When ordering, you will require:-

For each switch. 1 body, 1 rocker, + 1 bulb & lens for each illuminating aperture
 For each warning light. 1 body, 1 light facia, + 1 bulb & lens for each illum aperture
 Warning light connections in the switch bodies are independent of switch contacts.

Order lenses for either top window 791xx or bottom window 792xx

Switch cut out 44 x22mm
 Cut out for 2 frames 51.5 x48.3mm
 Cut out for 3 frames 77.8 x48.3mm
 plus 26.16 for each additional frame

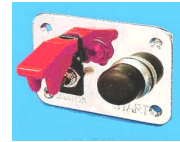


Item Ref.	Description.	1 off
79300	End gang mounting frames.	£2.61
79301	Middle gang mounting frames	£2.61
79302	Blank panel (Alarm LED's etc)	£2.61
79350	Terminal block with 12 terms.	£2.98
B286	12 volt 1.2W capless bulb	£0.40
B508	24 volt 1.2W capless bulb	£0.44
79x01	Windscreen wiper	£0.99
79x02	Windscreen washer	£0.99
79x03	Rear screen wiper	£0.99
79x04	Headlamp wash/wipe	£0.99
79x05	Headlamp washer	£0.99
79x06	Side lights	£0.99
79x07	Headlamp main bead	£0.99
79x08	Front fog lamps	£0.99
79x09	Rear fog lamps	£0.99
79x10	Front/rear work lamps	£0.99
79x11	Front work lamp	£0.99
79x12	Rear work lamp	£0.99
79x13	5th wheel work lamp	£0.99
79x14	Lights	£0.99
79x15	Interior lamps	£0.99
79x16	Instrument lamps	£0.99
79x17	Reading lamp	£0.99
79x18	Hazard beacon	£0.99
79x19	Hazard warning	£0.99
79x20	Diesel pre-heat	£0.99
79x21	Fan symbol	£0.99
79x22	Air conditioning	£0.99
79x23	Heated seat	£0.99
79x24	Windscreen demist	£0.99
79x25	Rear window demist	£0.99
79x26	Wing mirror demist	£0.99
79x27	Trailer warning	£0.99
79x28	Choke warning	£0.99
79x29	Parking brake warning	£0.99
79x30	ABS brake warning	£0.99
79x31	Trailer ABS warning	£0.99
79x32	Brake warning	£0.99
79x33	Oil pressure warning	£0.99
79x34	Horn	£0.99
79x35	Right/left arrow	£0.99
79x36	Direction indicators	£0.99
79x37	Down/up arrow	£0.99
79x38	Water temperature	£0.99
79x39	up/down arrows (2 arrows)	£0.99
79x40	Fuel warning	£0.99
79x41	Fuel tank change over	£0.99
79x42	Liquid level warning	£0.99
79x43	Fuel tank 2	£0.99
79x44	Window lift	£0.99
79x45	Power flash	£0.99
79x46	Ignition warning	£0.99
79x47	Winch	£0.99
79x48	Slow (Tortoise)	£0.99
79x49	Fast (Hare)	£0.99
79x50	Left [L]	£0.99
79x51	Right [R]	£0.99
79x53	Rear window wiper/washer	£0.99
79x54	Rear window washer	£0.99
79x55	Lock (Locked padlock)	£0.99
79x56	Unlock (Unlocked padlock)	£0.99
79x90	Amber Lens	£0.75
79x92	Blue lens	£0.75
79x94	Green lens	£0.75
79x95	Red lens	£0.75

Item Ref.	Description.	1 off
78010	SP on/off switch. No illumination	£4.87
78011	SP on/off switch. Bottom illumination	£6.13
78020	DP on/off switch. No illumination	£6.13
78021	DP on/off switch. Bottom illumination	£7.32
78023	DP on/off switch. Bottom illumination. Sealed to IP67	£10.62
78110	SP Momentary on switch. No illumination	£5.36
78111	SP Momentary on switch. Bottom illumination	£6.53
78120	DP Momentary on switch. No illumination	£6.53
78121	DP Momentary on switch. Bottom illumination	£7.56
78123	DP Momentary on switch. Bottom illumination. IP67	£12.92
78210	SP Change over switch. No illumination	£6.41
78212	SP Change over switch. Top & Bottom illumination	£7.91
78220	DP Change over switch. No illumination	£7.91
78222	DP Change over switch. Top & Bottom illumination	£10.29
78223	DP Change over switch. Top & Bottom illumination. IP67	£13.60
78312	Hazard lights switch. Top & Bottom illumination.	£19.88
78410	SP on/off/on 3 position switch. No illumination	£6.60
78412	SP on/off/on 3 position switch. Top & bottom illumination	£7.56
78420	DP on/off/on 3 position switch. No illumination	£7.56
78422	DP on/off/on 3 position switch. Top & bottom illumination	£10.05
78423	DP on/off/on 3 position switch. Top & bottom illum. IP67	£18.27
78510	SP on/off/MON on 3 position switch. No illumination	£5.95
78512	SP on/off/MOM on 3 position switch. Top & bottom illum	£10.57
78520	DP on/off/MOM on 3 position switch. No illumination	£7.88
78522	DP on/off/MOM on 3 position switch. Top & bottom illum	£12.79
78523	DP on/off/MOM on 3 pos switch. Top & bottom illum.IP67	£16.84
78610	SP MOM on/off/MON on 3 position switch. No illum	£6.60
78612	SP MOM on/off/MOM on 3 position switch. Top & bot illum	£8.16
78620	DP MOM on/off/MOM on 3 position switch. No illumination	£8.16
78622	DP MOM on/off/MOM on 3 position switch. Top & bot illum	£10.15
78623	DP MOM on/off/MOM on 3 pos sw. Top & bot illum. IP67	£13.14
78710	SP Off/A/A+B switch. No illumination	£8.44
78712	SP Off/A/A+B switch.Top & bottom illumination.	£9.80
78713	SP Off/A/A+B switch.Top & bottom illumination. IP67	£17.68
78810	SP Wiper switch. 2 speed. Bottom illumination.	£12.36
78910	SP On/on/on switch. No illumination	£8.16
78912	SP On/on/on switch. Top & Bottom illumination	£12.81
78913	SP On/on/on switch. Top & Bottom illumination IP67	£16.70
79401	Warning light body. Bottom illumination	£9.03
79402	Warning light body. Top & bottom illumination	£10.59
79403	Warning light body. Top & bottom illumination IP67	£13.72
77900	Switch rocker. No windows.	£0.89
77901	Switch rocker. Bottom window.	£0.89
77902	Switch rocker. Top & bottom window.	£0.89
77951	Warning light facia. Bottom window	£0.89
77952	Warning light facia. Top & bottom window.	£0.89

Race Car Switch Panels

Item Ref.	Description.
E600	Chrome switch panel with On/Off toggle switch fitted with red flip top, red warning light and push button starter switch. Panel size 90mm x 65mm.
E601	Chrome switch panel with On/Off toggle switch fitted with red flip top, red & green warning lights, push button starter switch and toggle switch for fuel pump etc. Panel size 135mm x 65mm.



1 off	£12.91
1 off	£17.90

Hazard light Switches

Item Ref.	Description.
8256	Hazard lights switch. Push on, push off with rubber shroud. Switch dia.38mm, mounting hole 30mm. Max panel thickness 4mm. Depth behind panel 65mm. Supplied with wiring diagram, connector housing and terminals.
8578	Hazard rocker switch with flasher unit mounted on black panel



1 off	£19.90
1 off	£8.67

We can supply laser cut panels for all rocker switches. Please enquire.

Rotary Switches

Item Ref.	Description. Splashproof switches to DIN40 050	
65600	Rotary switch on/off. 15A at 12v. 12v illumination only. Supplied with a choice of red, amber & green lenes.	1 off
65602	Rotary switch on/off. 15A at 12v. 12mm panel hole. 6.3mm blade terminals.	£10.92
65603	Rotary switch off/on/on. 15A at 12v. 12mm panel hole. 6.3mm blade terminals.	£6.37
65604	Rotary switch off/side/head. 29A at 12v. 12mm panel hole. 6.3mm blade terminals.	£7.44
65605	Rotary switch mon on/off/mom on. 15A at 12v. 12mm panel hole. 6.3mm blade terminals.	£11.28
		£6.72



Toggle Switches

Item Ref.	Description.
SFT1X	Switch Flip top. Available in Red, Green, Blue & Yellow. Please state colour. (Replace X with R,G,U,Y)
FSW1	Red Switch Flip top & 25A switch on/off switch. 6.3mm blade terms.



1 off	10 off
£2.31	£20.79
	£3.85

Apem Toggle Switches 12mm panel hole.

MTS50	Apem SPDT on-mom metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS50 for Horn, Headlight Flash, Windscreen Washer, Rear Screen Heater with Timer Relay etc.</i>	1 off	10 off
MTS51	Apem SPST on-off metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS51 for Rear Fog Light, Fuel Pump, Heated Screen (via relay), Radiator Fan Override (via relay), etc.</i>	£3.99	£35.91
MTS52	Apem SPDT on-on metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS52 for Main/Dip headlighs, Fuel Pump Changeover, etc.</i>	£2.98	£26.82
MTS53	Apem SPDT on-off-on metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS53 for Indicators, Fuel Pump Changeover with centre Off, etc.</i>	£3.39	£30.51
MTS54	Apem SPTT on-on-on metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS54 for 2 Speed Fan, 2 Speed Wiper with Park, Side/Headlights, etc.</i>	£3.52	£31.68
MTS55	Apem SPTT on-on-mom metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS55 for Single Speed wiper with park & Mom wash, Headlight Main/Dip/Flash, Ignition + Start, Fuel Pump + Prime (safety switch)</i>	£6.82	£61.38
MTS56	Apem DPDT on-on metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS56 for Hazard lights (with relay - 2795), Ignition Switch with high current capability, etc.</i>	£6.82	£61.38
MTS57	Apem DPDT mom-off-mom metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS57 for Electric Windows, Aerials, etc. (Cross connect supply for up/down operation).</i>	£5.61	£50.49
MTS58	Apem SPDT mom-off-mom long metal toggle switch 15A at 12v. 6.3mm blade terminals <i>Use MTS58 for Timer flasher unit, etc.</i>	£7.21	£64.89
MTS99	Half-toggle Black Neoprene sealing boot. (Thread 12mm x 0.75mm)	£10.32	



Miscellaneous Toggle Switches. 12mm panel hole.

61408	Off/A/A+B on 3 position side & headlamp switch. Nickel pltd brass lever. 10A at 28v	1 off	10 off
E891	On/off single pole switch. Heavy duty silver contacts. Screw terminals. 25A at 12v	£5.95	£53.55
E892	On/on single pole change over switch. Heavy duty silver contacts. Screw terminals. 25A at 12v	£2.12	£19.08
E893	On/off/on single pole 3 position switch. Heavy duty silver contacts. Screw terminals. 25A at 12v	£2.30	£20.70
E895	On/off single pole switch. Heavy duty silver contacts. 6.3mm blade terminals 25A at 12v	£2.42	£21.78
E891C	Waterproof screw on hood for 12mm toggle switches	£1.70	£15.30
E894R	On/off single pole switch. Red LED indicator in the toggle end.. 6.3mm blade terminals 20A at 12v	£1.22	£10.98
E894A	On/off single pole switch. Amber LED indicator in the toggle end.. 6.3mm blade terminals 20A at 12v	£3.75	£33.75
E894G	On/off single pole switch. Green LED indicator in the toggle end.. 6.3mm blade terminals 20A at 12v	£3.75	£33.75
E894U	On/off single pole switch. Blue LED indicator in the toggle end.. 6.3mm blade terminals 20A at 12v	£3.75	£33.75



Item Ref.	Description. Miscellaneous Toggle Switches. 12mm panel hole.	1 off	10 off
36400	On/off single pole switch. Plastic body with round lever. 10A at 12v. 6.3mm blade contacts.	£2.44	£21.96
36401	On/off single pole switch. Plastic body with flat lever. 10A at 12v. 6.3mm blade contacts	£2.44	£21.96
68700	Momentary on single pole switch. Long plastic lever with metal shaft. 10A at 12v. 6.3mm blade contacts	£3.68	£33.12
60301	On/off single pole switch. Plastic body with flat lever. 10A at 12v. 6.3mm blade contacts. Longer lever.	£0.96	£8.64
65800	On/on single pole change over switch. Plastic body with flat lever. 10A at 12v. 6.3mm blade contacts.	£2.50	£22.50
65803	On/off/on single pole 3 position switch. Plastic body with flat lever. 10A at 12v. 6.3mm blade contacts.	£2.60	£23.40
49500	On/off double pole switch. Heavy duty 20Amp 12v contacts. Screw terminals or 6.3mm blade terminals.	£8.92	£80.28

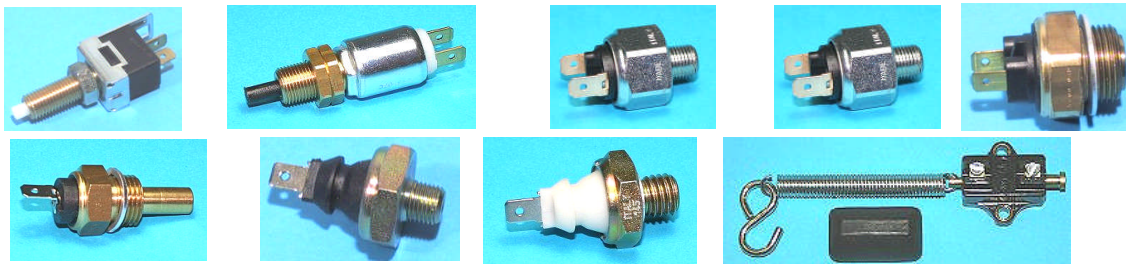


Item Ref.	Description. Waterproof. Ideal for race & rally cars. 12mm panel hole.	1 off	10 off
WPS41	Otto SPST on-off Waterproof switch 16A at 12v. 6.3mm blade terminals	£13.32	£119.88
WPS42	Otto SPDT on-on Waterproof switch 16A at 12v. 6.3mm blade terminals	£13.32	£119.88
WPS43	Otto DPDT on-on Waterproof switch 16A at 12v. 6.3mm blade terminals	£14.77	£132.93
WPS44	Otto DPDT mom-on Waterproof switch 16A at 12v. 6.3mm blade terminals	£14.77	£132.93



We supply switches & sensors for oil pressure, temperature, brake light, reverse light & electric fans. Please contact us with your requirements. There are upward of 200 different options in this section. For Example:

180736	Brake light switch for pedal box mounting. Long M10 thread provides wide adjustment.	£5.20	1 off
180734	Brake light switch for pedal box mounting. Long M12 thread provides wide adjustment.	£5.20	
180790	Hydraulic brake light switch 1/8-27NPT taper thread	£6.80	
180791	Hydraulic brake light switch M10 x 1.0mm taper thread	£6.80	
181001	92deg-87deg radiator fan switch M22 x 1.5mm thread. 6.3mm male terminals.	£10.90	
180830	Temperature sender for dashboard gauge. 890 ohms @ 20deg C. Thread 5/8-18UNF 6.3mm male	£5.40	
180662	1.4 Bar oil pressure switch. (NO) with M10 x 1.00mm taper thread. 6.3mm male terminal.	£6.75	
180671	0.5 Bar oil Pressure switch. (NO) 1/8" NPT-27 taper thread. 6.3mm male terminal.	£6.75	
181232	1.4 Bar oil pressure switch (NC) with M12 x 1.75mm thread. 6.3mm male terminal.	£6.75	
180951	Brake light switch with spring pull. N/O contacts & terminals cover.	£5.80	



Item Ref.	Description.	1 off	10 off
34950	Large heavy duty on/off/on toggle switch 21.5 mm panel hole. 15A at 12v. 6.3mm blade terminals	£8.26	£74.34
34960	Rocker switch for electric aerial or windows. Panel hole 36.5 x 18mm 4.8mm blade terminals.	£3.69	£33.21
34970	Ignition switch. 4 position (1/0/1+2 start) Connections printed on switch body. 19.5mm panel	£11.98	£107.82
65850	Foot operated main beam / dip switch. Screw terminals.	£6.18	£55.62
33550	Foot operated solenoid / horn switch. M8 Studs.	£21.74	£195.66



Courtesy door switches

Item Ref.	Description.	1 off	10 off
DS3	Round hole fitting door switch with rubber boot.	£1.38	£12.42
DS5	Round hole fitting door switch suitable for cutting to length. With terminal boot.	£1.39	£12.51
DS6	Telescopic bonnet / boot switch for alarm systems etc. 47mm long. Non corroding copper terminals.	£1.80	£16.20
DS7	Round hole fitting door switch with rubber surround. Non corroding copper terminals.	£1.20	£10.80



Tail Lift Switches & Enclosures.

Item Ref.

Description. Push Button Enclosures.

65700
65722

Two button, pendant polypropylene pistol grip with 2 mechanically interlocked switches. Protected to IP65
Switch block for 2 button, pendant polypropylene pistol grip. Rated at 0.4A at 24 volts DC

1 off
£45.75
£3.86



Item Ref.

Description. Push Button Controls.

65701
65738
65739
65731
65732
65730
65750
65720
65731
65799
65702
65703

Emergency stop. Single pole normally closed contact. Operated by red latching push button. Turn to reset.
Push off red security / safety isolator. Key reset only. Supplied with 2 keys.
On/off security isolator. Can be locked on or off. Key removeable in both positions. Supplied with 2 keys.
Flush push button. Spring return. Black arrow on white background
Flush push button. Spring return. White arrow on black background
Flush push button. Spring return. White circle on red background
Clear boot for use with flush push buttons. Increases protection to IP66
Switch block Single pole normally open contacts. Rated at 0.4A at 24 volts DC. (Green actuator)
Switch block Single pole normally closed contacts. Rated at 0.4A at 24 volts DC. (Red actuator)
Plastic spanner for tightening push buttons and key switch fixing nuts
Two button single pole, normally open contacts. Protected to IP65
Three button single pole, two normally open contacts & normally closed contact. Protected to IP65

1 off
£29.19
£23.69
£19.92
£5.72
£5.72
£5.72
£1.20
£5.33
£5.33
£12.48
£29.79
£42.48



Warning Indicators.

Item Ref.

Description. Large warning lights. 25mm Dia. 17mm panel hole. 6.3mm spade terminals. Re-lamped from front panel. BA9s 2 watt bulb (288). Order seperately.

60951
60953
60956
60957
60959

Black body warning light. Red Battery symbol
Black body warning light. Red Oil symbol
Black body warning light. Red Brake symbol
Black body warning light. Green indicator symbol
Black body warning light. Amber coil symbol (Not shown)



1 off 10 off
£4.82 £43.38
£4.82 £43.38
£4.82 £43.38
£4.82 £43.38
£4.82 £43.38

60962
60964
60965
60970

Black body warning light. Blue lens
Black body warning light. Green lens
Black body warning light. Red lens
Black body warning light. Amber lens



£3.52 £31.68
£3.52 £31.68
£3.52 £31.68
£3.52 £31.68

Item Ref.

Description. Small warning lights. 12mm Dia. 10mm panel hole. 2.8mm spade terminals. Re-lamped from rear panel. 1.2 watt bulb supplied.

60922
60924
60925
60930
60999

Self coloured warning light. Blue
Self coloured warning light. Green
Self coloured warning light. Red
Self coloured warning light. Amber
Self coloured warning light. Green with tow ball symbol.



1 off 10 off
£2.78 £25.02
£2.78 £25.02
£2.78 £25.02
£2.78 £25.02
£2.78 £25.02

Item Ref.

Description. Mediu warning lights. 16.5mm Dia. 13mm panel hole. 6.3mm spade terminals. Re-lamped from rear panel. BA7s 2 watt bulb supplied

60902
60904
60905
60910
60912
60914
60915
60920

Black body warning light. Blue lens & chrome bezel
Black body warning light. Green lens & chrome bezel
Black body warning light. Red lens & chrome bezel
Black body warning light. Amber lens & chrome bezel
Black body warning light. Blue lens
Black body warning light. Green lens
Black body warning light. Red lens
Black body warning light. Amber lens



£2.22 £19.98
£2.22 £19.98
£2.22 £19.98
£2.22 £19.98
£2.22 £19.98
£2.22 £19.98
£2.22 £19.98
£2.22 £19.98

**NEW
NEW
NEW
NEW**

Item Ref.

Description. Mediu warning lights. 16.5mm Dia. 13mm panel hole. 6.3mm spade terminals. Non replaceable lamp

60942
60944
60945
60950

Self coloured warning light. Blue & chrome bezel
Self coloured warning light. Green & chrome bezel
Self coloured warning light. Red & chrome bezel
Self coloured warning light. Amber & chrome bezel



£0.96 £8.64
£0.96 £8.64
£0.96 £8.64
£0.96 £8.64

61042
61044
61045
61050

Self coloured warning light. Blue
Self coloured warning light. Green
Self coloured warning light. Red
Self coloured warning light. Amber



£0.88 £7.92
£0.88 £7.92
£0.88 £7.92
£0.88 £7.92

12 Volt LED Indicators.

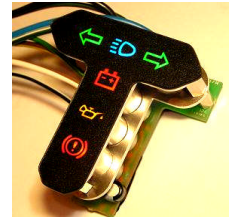
NEW

Item Ref.	Description.	1 off
BRIGHT6	LED Dashboard warning light system (Operating voltage 9 to 16 volts) Horizontal warning light panel using the latest LED technology to give a professional display. Mounted from behind the dashboard and supplied with a self adhesive fascia panel. Overall length 84mm Depth required behind panel 30mm. 8 wires to connect.	£23.95



NEW

BRIGHT6T	As above but in a 'T' pattern. The Bright6T also features a low brake fluid lamp test at ignition on. Designed to fit between instruments. Mounted from behind the dashboard and supplied with a self adhesive fascia panel. Overall length 47mm. Overall height 50mm. Depth required behind panel 37mm. 8 wires to connect.	£31.95
----------	--	--------



Please enquire for padded dash and wooden dash fitting kits
Full installation instructions are available on our web site.

5mm, 12 Volt LED Indicators.

Item Ref.	Description. Bezel 9.5mm dia. Panel hole 8mm dia. 2.8mm blade terminals	1 off	10 off
Flat Top bright Chrome			
LED5RFC	HE red	£5.98	£53.82
LED5GFC	Green	£5.98	£53.82
LED5YFC	Yellow	£5.98	£53.82
Recessed Bright Chrome			
LED5RC	HE red	£4.85	£43.65
LED5GC	Green	£4.85	£43.65
LED5YC	Yellow	£4.85	£43.65
LED5BC	Blue	£7.16	£64.44
Recessed Black Chrome			
LED5RB	HE red	£5.18	£46.62
LED5GB	Green	£5.18	£46.62
LED5YB	Yellow	£5.18	£46.62
LED5BB	Blue	£8.30	£74.70



10mm, 12 Volt LED Indicators.

Item Ref.	Description. Bezel 16mm dia. Panel hole 14mm dia. 2.8mm blade terminals	1 off	10 off
Bright Chrome			
LED10RC	HE red	£7.95	£71.55
LED10GC	Green	£7.95	£71.55
LED10YC	Yellow	£7.95	£71.55
Black Chrome			
LED10RB	HE red	£7.53	£67.77
LED10GB	Green	£7.53	£67.77
LED10YB	Yellow	£7.53	£67.77



Bulbs


Item Ref.	Description	1 off	10 off
B510	Wedge base T10 12 volt 2 watt bulb W2.1x9.5D	£0.40	£3.40
B504	Wedge base T10 12 volt 3watt bulb W2.1x9.5D	£0.40	£3.40
B501	Wedge base T10 12 volt 5watt bulb W2.1x9.5D	£0.40	£3.40
B286	Wedge base T5 12 volt 1.2watt bulb W2x4.6D	£0.40	£3.40
B508	Wedge base T5 24 volt 1.2watt bulb W2x4.6D	£0.44	£3.74
B281	BA7s panel 12 volt 2 watt bulb (281)	£0.25	£2.25
B288	BA9s panel 12 volt 2 watt bulb (288)	£0.31	£2.79
B233	BA9s panel 12 volt 4 watt bulb (233)	£0.27	£2.43
B380	BAY15d panel 12 volt 21/5 watt bulb (380) Offset pins	£0.32	£2.88
B566	BAZ15d panel 12 volt 21/4 watt bulb (566) Double offset pins	£0.64	£5.76
B335	BA15d panel 12 volt 21 watt bulb (335) Level pins	£0.40	£3.60
B382	BA15s panel 12 volt 21 watt bulb (382) Level pins	£0.27	£2.43
B241	BA15s panel 24 volt 21 watt bulb (241) Level pins	£0.38	£3.42
B343	BA15s panel 12 volt 21 watt Amber bulb (343) Level pins	£0.40	£3.60
B207	BA15s panel 12 volt 5 watt bulb (207)	£0.23	£2.07
B209	BA15d panel 12 volt 5 watt bulb (209)	£0.28	£2.52
B989	BA15d MCC 12 Volt 5 watt bulb (989)	£0.50	£4.50
B239	Festoon bulb 11 x 38mm. 12 volt 5 watt	£0.25	£2.25
B239A	Festoon bulb 11 x 43mm. 12 volt 5 watt	£0.39	£3.51
B265	Festoon bulb 11 x 43mm. 12 volt 10 watt	£0.31	£2.79
B265A	Festoon bulb 15 x 43mm. 12 volt 10 watt	£0.40	£3.60
B267	Festoon bulb 15 x 43mm. 12 volt 15 watt	£0.40	£3.60
B270	Festoon bulb 15 x 43mm. 12 volt 18 watt	£0.31	£2.79
B273	Festoon bulb 15 x 43mm. 12 volt 21 watt	£0.31	£2.79



Item Ref.	Description		1 off	10 off	
H790	BA9s bulb holder. 6.3mm male blade terminals		£0.58	£4.93	
H827	Wedge Base T10 bulb holder. 6.3mm male blade terminals		£0.48	£4.08	
G41205	Quartz haogen G4 12 volt 5 watt bulb		£1.90	£16.15	
G41210	Quartz haogen G4 12 volt 10 watt bulb		£1.80	£15.30	
G41220	Quartz haogen G4 12 volt 20 watt bulb		£1.60	£13.60	
Replacement bulbs for low voltage inspection lamps					
SBC1224	BA15d 12 volt 24 watt bulb (Large glass envelope) Level pins		£3.20	£28.80	
SBC2420	BA15d 24 volt 20 watt bulb (Large glass envelope) Level pins		£3.20	£28.80	
B448	H1 12volt 55 watt spotlight bulb		£1.92	£16.32	
B453	H3 12volt 55 watt Bulb			£1.92	£16.32
B460	H3 24volt 70 watt Bulb			£2.88	£24.48
Halogen / Xenon H4 Headlamp bulbs. P43T base. 60/55 watt. E1 approved and legal for use on roads.					
HB342	Standard halogen bulb.		£2.63	£23.67	
HB342CB	Cobolt blue xenon bulb. Distinctive blue 'white' light.		£4.85	£43.65	
HB342LL	Long life halogen bulb.		£3.00	£27.00	
HB342VP	Super + 50% xenon bulb. Highly focused filament		£5.65	£50.85	

If your not sure which bulb you require, email a picture taken from the contact end but revealing the glass envelope.

Windscreen washer components.

Item Ref.	Description		1 off	10 off
593-12	12 volt pump with bulkhead fixing bracket. (24 v version available)		£13.30	£99.75
594-15	12 volt pump with bulkhead metal fixing bracket. Replaces Lucus WSB 100. (24 v version available)		£17.28	£129.60
591-00	1.2 lit PVC windscreen washer bottle installation kit. Supplied with 12 volt pump, tube, jets, T piece & switch. Rear mounting bracket. L125 x W105 x H185mm.		£16.50	£132.00
593-00	1.25 lit PVC w/screen washer bottle, 12v pump & rear mounting bracket. L130 x W100 x H180mm		£19.95	£159.60
594-00	2.2 lit PVC windscreen washer bottle with mounting lugs. Supplied with 12 volt pump. L160 x W90 x H190mm		£24.77	£198.16
595-00	3.0 lit PVC windscreen washer bottle with top mounting lugs. Supplied with 12 volt pump. L195 x W100 x H210mm.		£24.98	£199.84
593-03	Plastic in-line straight connector for 4mm tubing		£0.77	£5.78
593-04	Plastic in-line T piece connector for 4mm tubing		£0.77	£5.78
593-16	4mm diameter clear PVC tubing (Sold by the meter)		£0.49	£3.68
593-18	4mm diameter black rubber tubing (Sold by the meter)		£1.50	£11.25



593-51	Tall twin, individually adjustable, washer jet for 4mm washer tubing. Through panel fixing with back nut.	£4.10	£30.75
593-52	Wide angle twin, individually adjustable, washer jet for 4mm washer tubing. Through panel fixing with back nut.	£4.10	£30.75
593-53	Low profile twin, individually adjustable, washer jet for 4mm washer tubing. Through panel fixing with back nut.	£4.10	£30.75
593-56	Chrome plated low profile twin, adjustable, washer jet for 4mm washer tubing. Panel fixing with back nut.	£4.10	£30.75
593-55	Washer nozzle with three, individually adjustable, washer jets for 4mm rubber washer tubing. Fitting 8mm windscreen wiper arm.	£4.10	£30.75
593-05	Bulkhead connector for 4mm washer tubing. Through panel fixing with back nut.	£1.95	£14.63
593-06	Plastic clip for securing 4mm rubber tubing to windscreen wiper arm.	£0.52	£3.90
593-08	Non return valve	£1.59	£13.52



Working Lights

Item Ref.	Description	1 off	10 off
53855	Work lamp with black plastic body and glass lens on a magnetic base with integral rotary switch. 3 metre working length retractable cable with cigarette lighter and DIN plug. Supplied without H3 bulb. (Order part No. B453 or B460)	£39.84	£318.72
B453	H3 12 volt 55 watt quartz halogen bulb	£1.92	£16.32
B460	H3 24 volt 70 watt quartz halogen bulb	£2.88	£24.48
53736	Hand held spot lamp with integral switch. 6 metre cable with cigarette lighter and DIN plug. Supplied with a soft storage bag and 12v 55w H3 bulb.	£25.00	£200.00
69951	Portable emergency lamp powered via a 4 metre cable with cigarette lighter plug. The cable retracts into the novel yellow storage case which incorporates a magnet for positioning the lamp. Supplied with 12 volt 21 watt SCC bulb.	£14.79	£118.32
69912	Low voltage inspection lamp. Pressed steel reflector and tough moulded handle with integral switch. Complete with 6.5 metres of cable, crocodile clips and 12 volt 24 watt SBC bulb.	£26.91	£215.28
69900	As above but with 240 volt to 12 volt transformer.	£54.17	£433.36



Internal Lighting

Item Ref.	Description	1 off	10 off
66716	Traditional 'jelly mould' roof light. Glass lens on a plastic base. Supplied with 12 volt 21 watt SBC bulb. White finish.	£13.70	£102.75
66703	As above but with chrome finish	£14.14	£106.05
66799	Replacement lens for above	£4.20	£31.50
66726	Traditional 'jelly mould' roof light. Glass lens on a plastic base with metal guard. Supplied with 12 volt 21 watt SBC bulb. White finish.	£20.00	£150.00
68016	Roof lamp for surface mounting. All plastic construction with integral black switch. Supplied with 12 volt 10 watt G4 bulb.	£18.20	£136.50
68050	Roof lamp for semi-recess mounting. All plastic construction with integral 3 position switch. Supplied with 12 volt 10 watt festoon bulb. L143 x w67 x h77mm.	£15.22	£114.15



Item Ref.	Description	1 off	10 off
	Low profile fluorescent light unit providing a choice of light levels by selecting models with 1, 2 or 3 of the 8 watt tubes. Incorporates on/off switch. L381 x w78 x h24mm. CE approved.		
41912-08	12 volt 8 watt single tube version	£22.96	£172.20
41912-16	12 volt 16 watt double tube version	£26.10	£195.75
41912-24	12 volt 24 watt triple tube version	£29.42	£220.65
41924-08	24 volt 8 watt single tube version	£35.04	£262.80
41924-16	24 volt 16 watt double tube version	£38.26	£286.95
41924-24	24 volt 24 watt triple tube version	£41.42	£310.65
41950	Surround for above fittings. L409 x w106 x h4mm	£3.89	£29.18
40820	Spare tube for all the above fluorescent fittings.	£4.73	£35.48
		1 off	
70500	SBC batten lamp holder with spring contacts and 3 fixing holes.	£3.72	
70135	BAY15d bulb holder. (Offset pins)	£2.25	
70596	BA15d bulb holder. (Level pins)	£2.38	
70138	BA15s bulb holder. (Single pin).	£1.60	
70791	BA15s bulb holder. (Single pin with screw terminal for ground connection).).	£2.48	



External Lighting

Item Ref.	Description	1 off	10 off
45301	Black plastic number plate light. Supplied with 2 x 12 volt 5 watt MCC bulbs. EEC, ECE and SAE approved.	£7.54	£56.55
45302	Black painted steel number plate light. Supplied with 2 x 12 volt 5 watt MCC bulbs. EEC, ECE and SAE approved.	£14.90	£111.75
45303	Chrome plated steel number plate light. Supplied with 2 x 12 volt 5 watt MCC bulbs. EEC, ECE and SAE approved.	£15.90	£119.25
45399	Replacement lens for above lamps	£3.18	£23.85
45351	Black plastic number plate light. Supplied without 38mm festoon bulb. EEC and ECE approved.	£7.22	£54.15
45350	Low profile version of the black plastic number plate light. Supplied without 38mm festoon bulb. EEC and ECE approved.	£6.86	£51.45



45352	Compact black plastic number plate light. Supplied without 38mm festoon bulb. EEC and ECE approved.	£6.64	£49.80
45361	Black plastic number plate light. Supplied with 12 volt 5 watt capless bulb. Replacement for Freight Rover, Range Rover etc. EEC, ECE and SAE approved.	£11.74	£88.05
16475	Direction indicator repeater. Supplied with 12 volt 5 watt capless bulb and 300mm harness. Replaces Rover PRC9916 L68 x w43 x h32mm. ECE approved.	£9.92	£74.40
16480	Universal direction indicator repeater. Supplied with 12 volt 5 watt bulb and 100mm harness. Replaces Ford, Rover. E-approved.	£3.80	£32.30

Used as oil warning light on race and rally cars.



Item Ref.	Description	1 off	10 off
LRL-001	Lifeline FIA / MSA Rain Light 12 Volts 0.3 Amps. Dim 92x90x20mm Wt 220g.	£66.00	Special Offer
99000	Universal high level stop light for rear screen. Supplied with cable and connectors. 4 x 12 volt, 5 watt capless bulbs. L210 x w80 xh47mm. ECE approved.	£16.36	£122.70
99050	High level stop light for parcel shelf or spoiler. 12 volt LED display. L215 x w95 xh105mm. ECE approved.	£26.98	£202.35
68020	12/24 volt step light with 10 white LED's. Also very useful for consealed lighting. L175 x W21 x H25mm	£10.90	£81.75

Special Offer!



External Lighting

Item Ref.	Description	1 off	10 off
29500	Waterproof rear lamp. Stop / tail / direction indicator / reflex reflector. Protected to IP67. Supplied in single units with 12 volt bulbs and waterproof gland. L200 x w60 x h92mm. ECE approved.	£17.56	£149.26
30000	Rear lamp. Stop / tail / direction indicator / number plate illumination. Supplied in single units with 12 volt bulbs. L167 x w50 x h82.5mm. EEC approved.	£9.42	£80.07
TP101	Water resistant rear lamp. Stop-tail / direction indicator / fog light / reflector / number plate. Supplied in single units with 12 volt bulbs for hard wiring. L218 x w140 x h58mm. E approved. Please specify left or right.	£10.80	£91.80
TP101SP	Replacement lens for above units. Please specify left or right. (Replacement for some Brian James Trailers.)	£3.84	£32.64
TP131	Rear lamp. Stop / tail / direction indicator / number plate illumination. Supplied in single units with 12 volt bulbs. L97 x w47 x h97mm. E approved.	£3.22	£27.37
TP141	Reflective triangle with white surround. Supplied in pairs.	£2.20	£18.70



Battery Chargers

Item Ref. Description
 AM612 The AccuMate is a 4 step unit designed to automatically charge and monitor batteries with no danger of over-charging regardless of time. The AccuMate is suitable for all 6 and 12V lead acid batteries from 4Ah to 75Ah, making it perfect for owners of vehicles which are not used on a daily basis. Supplied with crock clips cable and fuse and terminals cable for installing in your car.



1 off
 £33.80

AccuMate PRO uses the same technology to provide a versatile automatic compact battery charger for lead-acid starter and deep cycle batteries. It's suitable for all types of batteries: filler cap types; absorbed acid "MF" (AGM); valve regulated (VRLA); flooded (wet) & GEL-electrolyte types from 17Ah upwards (9Ah upwards for 24V). Supplied with crock clips cable and fuse and terminals cable for installing in your car. Photo shows handle in carrying position on the top. This may be removed and mounted below to form a wall mounting bracket.



This charger is ideal for charging race car batteries

Three versions are available

AMPRO1224 AccuMate PRO Switchable 12/24V at 7A/3.5A.
 AMPRO124 AccuMate PRO 12V only at 4A
 AMPRO127 AccuMate PRO 12V only at 7A

£58.75
 £46.25
 £58.75

Accessories

Item Ref. Description
 AM75 Accumate wall mounting bracket.
 AM77 Accumate Weatherproof fused eyelet lead.
 AM79 Accumate 2.5 mtr extension lead.
 AM81 Accumate Accessory plug lead.
 AM83 Accumate Accessory socket / eyelet lead.
 AM85 Gates' Plug lead. (As used on mowers)
 AM87 Battery clamp lead. (Replacement part)
 AM89 Plug-in 2 mtr thermocouple cable. (For Accumate pro only)



1 off
 £5.23
 £3.89
 £3.44
 £7.85
 £7.85
 £3.20
 £3.20
 £4.47



Charge splitter devices

Item Ref. Description
 85206 Electronic charge splitter device allows one alternator to charge 2 independent banks of batteries fully, without any voltage drop or need for special regulators and blocking diodes. Resin encapsulated electronics, 6 to 32 volt operation. 60 Amp rating.
 85209 As above but 90 Amp rating.
 85212 As above but 120 Amp rating.
 85306 Electronic charge splitter device allows one alternator to charge 3 independent banks of batteries fully, without any voltage drop or need for special regulators and blocking diodes. Resin encapsulated electronics, 6 to 32 volt operation. 60 Amp rating.
 85309 As above but 90 Amp rating.

1 off
 £144.45
 £196.28
 £244.77
 £247.61
 £290.36



Item Ref.	Description	1 off
Micro Processor controlled Split Charger.		
85250	24 volt DC to 12 volt DC 20 amp split charger. Designed to charge and maintain a 12 volt battery from a 24 volt vehicle system. It has a 3 stage micro processor controlled charging system for automatic operation. Recommended minimum 12 volt battery size is 80Ah. Easy installation. Ideal for race transporters, horse boxes and motorhomes. L 173 x W 120 x H 150mm. Weight 1.5 Kg.	£237.91
Sinewave voltage inverters		
85701	Sinewave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 125 watts continuous with quiescent current <0.6 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch, cigarette lighter plug and cable.	£103.95
85751	24 volt version of the above.	£103.95
85702	Sinewave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 250 watts continuous with quiescent current <0.8 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch.	£124.95
85752	24 volt version of the above.	£124.95
85705	Sinewave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 500 watts continuous with quiescent current <0.9 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch.	£174.13
85755	24 volt version of the above.	£174.13



85250



85702



85601

Modified Sinewave inverters. Please note: Modified wave inverters may not power some equipment correctly.		
85601	Modified wave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 125 watts continuous with quiescent current <0.25 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch, cigarette lighter plug and cable.	£60.18
85651	24 volt version of the above.	£60.18
85602	Modified wave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 250 watts continuous with quiescent current <0.65 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch.	£80.90
85652	24 volt version of the above.	£80.90
85605	Modified wave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 500 watts continuous with quiescent current <0.95 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch.	£143.90
85655	24 volt version of the above.	£143.90
85610	Modified wave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 1000 watts continuous with quiescent current <0.50 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch and LED indicators for voltage & consumption.	£246.54
85660	24 volt version of the above.	£246.54
85615	Modified wave voltage inverter. Input 11-14 volts DC. Output 230 volts AC 50Hz. Rated at 1500 watts continuous with quiescent current <0.60 amps. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with standard 3 pin socket outlet, on/off switch and LED indicators for voltage & consumption.	£352.00
85665	24 volt version of the above.	£352.00
85699	Remote control for 1000w & 1500w versions. Supplied with 5 mtrs of cable	£21.20

Item Ref.	Description	1 off	10 off
Spal Radiator Fans			
A07-C58A	Spal radiator fan O/D 225mm. Suction fan for rear mounting. 12 volt.	£72.00	£540.00
A11-C57A	Spal radiator fan O/D 255mm. Suction fan for rear mounting. 12 volt.	£75.60	£567.00
A10-C61A	Spal radiator fan O/D 305mm. Suction fan for rear mounting. 12 volt.	£79.20	£594.00
A10-C61S	Spal radiator fan O/D 305mm. Blowing fan for front mounting. 12 volt.	£79.20	£594.00



JCS Hi-Torque Hose Clips

Item Ref.	Description	1 off	10 off
<u>Hi-grip Zinc plated</u>			
ZHC12	Hi-grip zinc plated hose clip 12mm (9.5-12mm)	£0.30	£2.55
ZHC16	Hi-grip zinc plated hose clip 16mm (11-16mm)	£0.31	£2.64
ZHC20	Hi-grip zinc plated hose clip 20mm (13-20mm)	£0.31	£2.64
ZHC22	Hi-grip zinc plated hose clip 22mm (14-22mm)	£0.35	£2.98
ZHC25	Hi-grip zinc plated hose clip 25mm (17-25mm)	£0.36	£3.06
ZHC30	Hi-grip zinc plated hose clip 30mm (22-30mm)	£0.38	£3.23
ZHC35	Hi-grip zinc plated hose clip 35mm (25-35mm)	£0.39	£3.32
ZHC40	Hi-grip zinc plated hose clip 40mm (30-40mm)	£0.41	£3.49
ZHC45	Hi-grip zinc plated hose clip 45mm (35-45mm)	£0.42	£3.57
ZHC50	Hi-grip zinc plated hose clip 50mm (35-50mm)	£0.45	£3.83
ZHC55	Hi-grip zinc plated hose clip 55mm (40-55mm)	£0.46	£3.91
ZHC60	Hi-grip zinc plated hose clip 60mm (45-60mm)	£0.48	£4.08
ZHC70	Hi-grip zinc plated hose clip 70mm (50-70mm)	£0.53	£4.51



Hi-grip 18/8 (A2) Stainless Steel

Item Ref.	Description	1 off	10 off
<u>Hi-grip 18/8 (A2) Stainless Steel</u>			
SHC12	Hi-grip stainless steel hose clip 12mm (9.5-12mm)	£0.82	£7.38
SHC16	Hi-grip stainless steel hose clip 16mm (11-16mm)	£0.82	£7.38
SHC20	Hi-grip stainless steel hose clip 20mm (13-20mm)	£0.82	£7.38
SHC22	Hi-grip stainless steel hose clip 22mm (14-22mm)	£0.93	£8.37
SHC25	Hi-grip stainless steel hose clip 25mm (17-25mm)	£0.95	£8.55
SHC30	Hi-grip stainless steel hose clip 30mm (22-30mm)	£0.98	£8.82
SHC35	Hi-grip stainless steel hose clip 35mm (25-35mm)	£1.01	£9.09
SHC40	Hi-grip stainless steel hose clip 40mm (30-40mm)	£1.05	£9.45
SHC45	Hi-grip stainless steel hose clip 45mm (35-45mm)	£1.09	£9.81
SHC50	Hi-grip stainless steel hose clip 50mm (35-50mm)	£1.15	£10.35
SHC55	Hi-grip stainless steel hose clip 55mm (40-55mm)	£1.19	£10.71
SHC60	Hi-grip stainless steel hose clip 60mm (45-60mm)	£1.24	£11.16
SHC70	Hi-grip stainless steel hose clip 70mm (50-70mm)	£1.35	£12.15
SHC80	Hi-grip stainless steel hose clip 80mm (60-80mm)	£1.66	£14.94



Mini clips Zinc plated (Suitable for low pressure applications only)

Item Ref.	Description	1 off	10 off
<u>Mini clips Zinc plated (Suitable for low pressure applications only)</u>			
MHC09	Hi-grip zinc plated mini clip 9mm (7-9mm)	£0.26	£2.21
MHC10	Hi-grip zinc plated mini clip 10mm (8-10mm)	£0.26	£2.21
MHC11	Hi-grip zinc plated mini clip 11mm (9-11mm)	£0.27	£2.30
MHC12	Hi-grip zinc plated mini clip 12mm (10-12mm)	£0.27	£2.30
MHC13	Hi-grip zinc plated mini clip 13mm (11-13mm)	£0.27	£2.30
MHC14	Hi-grip zinc plated mini clip 14mm (12-14mm)	£0.27	£2.30
MHC15	Hi-grip zinc plated mini clip 15mm (13-15mm)	£0.28	£2.38
MHC16	Hi-grip zinc plated mini clip 16mm (14-16mm)	£0.28	£2.38
MHC17	Hi-grip zinc plated mini clip 17mm (15-17mm)	£0.28	£2.38
MHC18	Hi-grip zinc plated mini clip 18mm (16-18mm)	£0.28	£2.38



See Tool Section for Flexible Hose Clip Screwdriver

Exhaust Clamps. Zinc Plated

Item Ref.	Description	1 off	10 off
<u>Exhaust Clamps. Zinc Plated</u>			
EPC28	Exhaust Clamp 28mm.	£0.40	£3.40
EPC32	Exhaust Clamp 32mm.	£0.50	£4.25
EPC35	Exhaust Clamp 35mm.	£0.54	£4.59
EPC38	Exhaust Clamp 38mm.	£0.54	£4.59
EPC42	Exhaust Clamp 42mm.	£0.54	£4.59
EPC45	Exhaust Clamp 45mm.	£0.54	£4.59
EPC48	Exhaust Clamp 48mm.	£0.54	£4.59
EPC51	Exhaust Clamp 51mm.	£0.58	£4.93
EPC54	Exhaust Clamp 54mm.	£0.58	£4.93
EPC57	Exhaust Clamp 57mm.	£0.60	£5.10
EPC60	Exhaust Clamp 60mm.	£0.68	£5.78
EPC64	Exhaust Clamp 64mm.	£0.70	£5.95
EPC67	Exhaust Clamp 67mm.	£0.74	£6.29
EPC70	Exhaust Clamp 70mm.	£0.84	£7.14
EPC76	Exhaust Clamp 76mm.	£0.90	£7.65
EPC83	Exhaust Clamp 83mm.	£1.24	£10.54
EPC89	Exhaust Clamp 89mm.	£1.32	£11.22
EPC95	Exhaust Clamp 95mm.	£1.36	£11.56
EPC102	Exhaust Clamp 102mm.	£1.42	£12.07



Tools

Item Ref.	Description	1 off
TT3	Cord end terminal crimp tool	£29.71
TT304	Crimp tool for pre insulated terminals	£3.28
TT308	Heavy Duty Ratchet Crimp tool for pre insulated terminals	£18.62
TT310	Crimp tool with good quality jaws for Non insulated terminals. 0.5mm to 2.5mm	£16.71
TT320	Crimp tool for small waterproof connector terminals. Yellow handle. (JT, JPT, Econoseal, Superseal)	£0.00 OOS
TT330	Crimp tool large waterproof connector terminals & Mate-N-Lock terminals. Red handle.	£18.50
TT52	Crimp tool with good quality jaws for Non insulated terminals. 0.5mm to 6mm. (6 mm is rare for this type of tool)	£28.75



TT70	Budget crimp tool for a variety of non insulated terminals	£2.96
TT72	Heavy Duty Professional Crimp tool for non insulated terminals	£68.43
TT73	Heavy Duty Ratchet Crimp tool for non insulated terminals 0.5-6.0mm	£21.67
TT50	Heavy duty cable cutters for cables up to 70mm ²	£11.50



TT45	Automatic cable stripper/cutter for cables 0.5-6.0mm	£7.96
TT46	Automatic cable stripper/cutter for cables 1.0-3.2mm	£9.98
TT47	Self adjusting cable stripper/cutter for cables 0.5-6.0mm	£9.80
TT48	Ratchet Crimp tool for Deutsch turned pin terminals	£266.40



TT20	Tensioning & cutting tool for cable ties from 2.2mm - 4.8mm	£17.76
TT75	HD Ratchet Crimp tool for ring & tube terminals 1.5 - 10mm ²	£19.89
TT81	HD Crimp tool for hex crimping tube terminals 6 - 50mm ²	£69.30
TT87	HD wire side cutters. Soft grip handles. Cuts up to 10 mm ² cables	£7.96



RS7	1.2mm Flux cored solder 500 grams. 60%lead, 40% tin	£7.96
RS12	2.0mm Flux cored solder 500 grams. 60%lead, 40% tin	£7.96
RS812	2.5mm Flux cored solder 500 grams. 97% tin, 3% copper	£20.95



TT60	Closing tool for 4.7mm bullet terminals	£13.82
TT85	HD Crimp tool for hex crimping 4.7mm bullet terminals	£38.63
TL01312	Side cutters. Flat underside cutting to leave tie wraps without sharp edges. Comfort grip handles.	£6.55
TL01313	Long nose pliers. Serrated jaws. Comfort grip handles	£5.78



DHG2	Flexible shaft screwdriver for our Hi-grip hose clips	£7.28
TT99	Terminal removal tools. (2 items)	£14.95
IN30566	Hand held digital test meter. AC/DC volts, DC amps (10 Amps), Resistance, Continuity buzzer, Diode test.	£12.40
IN02515	Hand held digital test meter & engine analyser. DC volts, DC amps (15 Amps), Resistance, Continuity buzzer,	£19.90



Assortment Boxes

All assortment boxes use the same container to enable easy stacking. Individual item refills are available for all contents.

Item Ref.	Description	1 off
K101	Push on connectors, bullet & snap connectors. 460 items.	£20.24
K102	Pre insulated terminals. 270 items.	£16.89



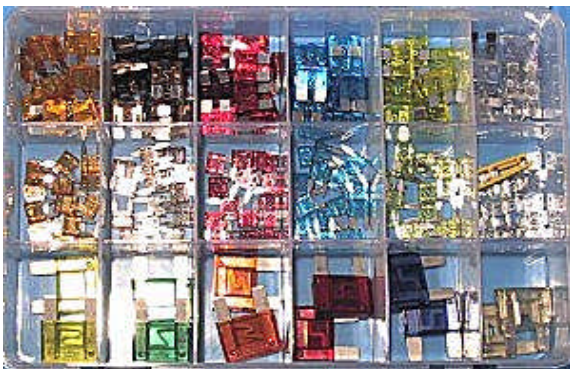
K103	Pre insulated terminals. 385 items.	£21.90
K104	Tube Terminals. 88 items.	£16.90



K105	Ring terminals. 435 items.	£24.22
K106	Cord End & Splice terminals. 650 items.	£15.56



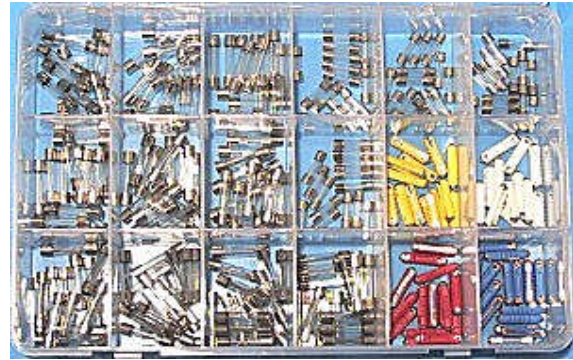
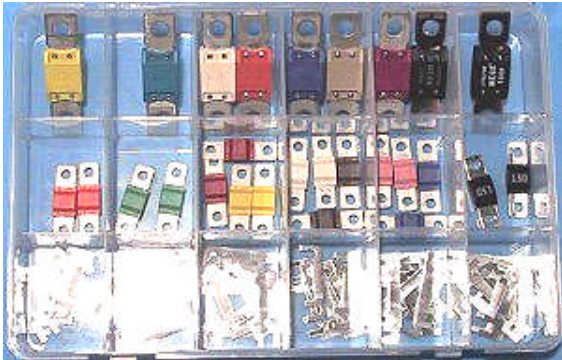
K203	Mini, standard and maxi blade fuses. 192 items	£19.44
K204	Mini, standard and maxi blade fuses. 302 items	£28.20



Assortment Boxes continued

All assortment boxes use the same container to enable easy stacking. Individual item refills are available for all contents.

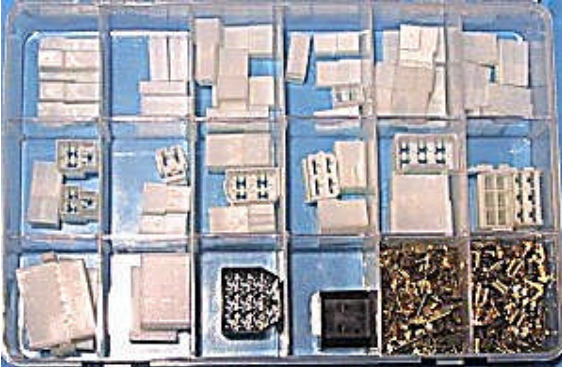
Item Ref.	Description	1 off
K205	Mega, Midi, & strip fuses. 87 items.	£39.96
K206	Glass, radio & Continental fuses. 270 items.	£19.34



K301	Heat shrink sleeving in black & red. 150 items.	£16.65
K302	Heat shrink sleeving in black with adhesive lining. 37 items.	£20.28



K400	Multipole connectors. 26 pairs. 5-1way, 5-2 way, 5-2Tway, 3-3 way, 3-4 way, 2-6 way, 2-8 way, 1-11 way	£18.57
K401	Super Seal connector (Small kit) 17 pairs. 2-1way, 6-2 way, 4-3 way, 2-4 way, 2-5 way, 1-6 way	£35.80



K402	Super Seal connector (Larger kit) 32 pairs. 6-1way, 12-2 way, 5-3 way, 4-4 way, 3-5 way, 2-6 way	£59.90
K403	High Current Super seal connectors. 19 pairs. 4-1way, 10-2 way, 5-3 way	£49.85



Assortment Boxes continued

All assortment boxes use the same container to enable easy stacking. Individual item refills are available for all contents.

Item Ref.	Description	1 off
K404	Mate-N-lock connectors. 29 pairs. 5-1way, 5-2way, 5-3way, 4-4way, 4-6way, 2-9way, 2-12way, 2-15 way	£31.99
K405	Econoseal connectors. 17 pairs. 5-2 way, 4-3 way, 4-4 way, 3-6 way, 1-13 way.	£49.98



K406	Mini Lock connectors. 32 pairs. 8-2 way, 8-3 way, 6-4 way, 6-6 way, 4-9 way.	£22.30
K500	Cable ties and mounts. 735 items.	£12.94



K501	Nylon 'P' clips. 245 items.	£12.68
------	-----------------------------	--------



K503	Steel 'P' clips. Box contains 80 items.	£18.21
K504	Wiring & blanking grommets. Box contains 260 items	£14.65



Assortment Boxes continued

All assortment boxes use the same container to enable easy stacking. Individual item refills are available for all contents.

Item Ref.	Description	1 off
K601	Washers. Spring, flat, star. M4, M5, M6, M8, M10, M12 1375 items	£18.90
K603	Metric nuts. M4, M5, M6, M8, M10, M12 plain, & Nyloc. M4, M5, M6, M8 flanged. M8 copper plated self locking. Box contains 577 Items.	£26.85



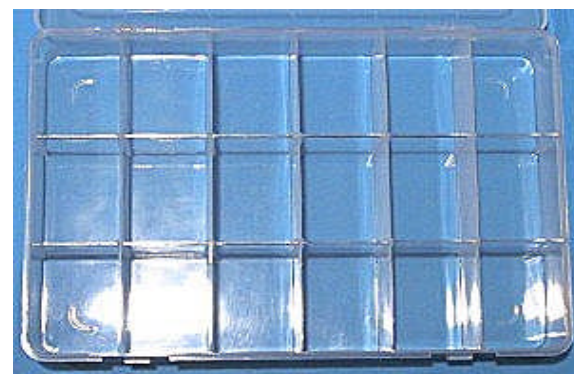
K604 Metric set screws. M4, M5, M6, M8, M10. 420 Items
 K605 Metric bolts. M6, M8, M10. 220 Items



K606 Machine screws. M4, M5, M6, Pozidriv Pan head & Countersunk head. 535 items
 K607 Pan head self tapping screws. 1200 items



K701 Copper sealing washers. Box contains 180 items
 K999 Empty assortment box with between 6 and 18 compartments. (Vertical dividers are fixed.)



<u>Stock Cable Colours Availability and Sizes</u>	Thinwall 0.5mm	Thinwall 0.75mm	Thinwall 1.0mm	Thinwall 1.5mm	Thinwall 2mm	Thinwall 2.5mm
(O) Indicates Stock - Other colours to order in full 100mtr rolls.						
Black [B]	O	O	O	O	O	O
Green [G]	O	O	O	O	O	
Pink [K]	O	O	O	O	O	
Light Green [LG]	O	O	O	O	O	
Brown [N]	O	O	O	O	O	O
Orange [O]	O	O	O	O	O	
Purple [P]	O	O	O	O	O	
Red [R]	O	O	O	O	O	O
Slate [S]	O	O	O	O	O	
Blue [U]	O	O	O	O	O	
White [W]	O	O	O	O	O	O
Yellow [Y]	O	O	O	O	O	
Black/Green			O		O	
Black/Pink						
Black/Brown						
Black/Orange			O			
Black/Purple			O			O
Black/Red			O		O	
Black/Slate			O			
Black/Blue			O			
Black/White		O	O	O		
Black/Yellow			O			
Green/Black			O			
Green/Pink			O			
Green/Light Green						
Green/Brown			O			
Green/Orange			O			
Green/Purple			O			
Green/Red		O	O			
Green/Slate			O			
Green/Blue			O			
Green/White		O	O			
Green/Yellow			O			
Pink/Black						
Pink/Green			O			
Pink/Brown						
Pink/Blue						
Pink/White						
Light Green/Black			O			
Light Green/Green						
Light Green/Pink			O			
Light Green/Brown			O			
Light Green/Orange						
Light Green/Purple						
Light Green/Red						
Light Green/Slate			O			
Light Green/Blue						
Light Green/White			O			
Brown/Black						
Brown/Green			O			
Brown/Pink						
Brown/Light Green			O			
Brown/Orange						
Brown/Purple						
Brown/Red			O			
Brown/Slate						
Brown/Blue			O			
Brown/White			O			
Brown/Yellow			O			
Orange/Black			O			
Orange/Green			O			
Orange/Pink						
Orange/Light Green						
Orange/Brown						
Orange/Red						
Orange/Slate						
Orange/Blue			O			
Orange/White			O			
Orange/Yellow						

Stock Cable Colours Availability and sizes cont.

	Thinwall 0.5mm	Thinwall 0.75mm	Thinwall 1.0mm	Thinwall 1.5mm	Thinwall 2mm	Thinwall 2.5mm
Purple/Black			○			
Purple/Green			○			
Purple/Pink						
Purple/Brown					○	
Purple/Orange						
Purple/Red						
Purple/Blue						○
Purple/White			○		○	
Purple/Yellow				○		○
Red/Black			○			
Red/Green			○			
Red/Pink						
Red/Light Green			○			
Red/Brown			○			
Red/Orange			○			
Red/Purple						
Red/Slate			○			
Red/Blue			○			
Red/White			○			
Red/Yellow			○			
Slate/Black			○			
Slate/Green						
Slate/Brown						
Slate/Red			○			
Slate/Blue						
Slate/White						
Slate/Yellow						
Blue/Black			○			
Blue/Green			○			
Blue/Pink			○			
Blue/Light Green			○			
Blue/Brown						
Blue/Orange			○			
Blue/Purple						
Blue/Red			○		○	
Blue/Slate			○			
Blue/White		○	○		○	
Blue/Yellow		○	○			
White/Black			○			
White/Green			○		○	
White/Pink						
White/Light Green						
White/Brown			○			
White/Orange					○	
White/Purple					○	
White/Red		○	○		○	
White/Slate					○	
White/Blue			○			
White/Yellow					○	
Yellow/Black		○	○			
Yellow/Green		○	○			
Yellow/Pink						
Yellow/Brown						
Yellow/Orange						
Yellow/Purple					○	
Yellow/Red			○			
Yellow/Slate						
Yellow/Blue						
Yellow/White			○			
	Thinwall 4mm		Thinwall 4.5mm	Thinwall 6mm	Thinwall 8.5mm	Thinwall 10mm
Black	○			○		
Brown	○			○		
Red	○			○	○	○
White	○			○		

Terms and Conditions

DEFINITIONS

1. Any reference to Company/Seller/We/Us shall mean Polevolt Ltd of 112-114 Witton Street, Northwich Cheshire, CW9 5NW United Kingdom (Registered Office) who sell or supply low voltage electrical equipment and accessories in the course of their trade or business.
2. Any reference to You/Buyer/Purchaser shall mean any person, sole trader, partnership, business, body corporate or other entity detailed in the appropriate section of the sales invoice/order form and shall include all successors, heirs and assigns. Where the Buyer purchases in the course of a trade, profession, vocation or sport (where the buyer is a specialist or enthusiast), it is agreed that such a buyer shall mean a trade buyer. Where a person deals entirely as a consumer, statutory rights shall remain unaffected. Where the term buyer appears within these terms it shall mean both trade and consumer buyer/purchaser unless specified as relating to a trade buyer or consumer buyer individually.
3. Goods or equipment ordered shall mean the items detailed in the appropriate section of the sales/order form and it shall be a core term of this agreement that all additional parts, connecting components or ancillary items, not detailed within the sales order form, shall be additional to this agreement.
4. Prices are subject to alteration without prior notice (upwards or downwards) and shall incur VAT at the current rate until further notice, where a Buyer purchases through or via the Product catalogue for Trade, Consumer, Non Consumer, or Professional Purchasers. Purchasers should note that current prices are quoted at the time of order with a minimum nett invoice value of £10.00.
5. In respect of orders placed via the Internet, such orders shall be mere offers to purchase and shall not be accepted or binding upon the Company until confirmed or acknowledged in writing by the Company by means of invoice or statement. Order acknowledgement shall not amount to confirmation of order and the Company reserve the right to refuse any offer to purchase prior to written confirmation.

GENERAL

6. "Working day" shall mean any day excluding Saturdays, Sundays and public holidays.
7. These conditions shall apply to all of the company's quotations and contracts, orders (including telephone, facsimile transmittal, postal and E mail orders) for the sale or supply of goods accepted by the company. For the trade buyer, any other terms or representations, whether implied by statute, made prior to, collateral with or subsequent to the contract or order are hereby excluded and shall not be binding upon the company.
8. All catalogue descriptions and Web Site information are indicative only and any specifications, measurements and technical data (whether relating to performance or otherwise) have been prepared for guidance only. Buyers are therefore required to check current specification, colours and measurements with the Company, prior to order, as manufacturers may alter specifications to improve products. Manufacturers also reserve the right to amend specifications, without notice, in order to improve products or where amendment becomes necessary and the Company shall endeavour to inform the Purchaser of any such amendment or change.
9. The company reserves the right to amend technical or clerical errors in any order without notice. In addition, the buyer shall ensure that all details contained within the order are correct prior to submission to the Company. Subsequent to delivery, the Company shall accept no liability for any error or inaccuracy in order unless notified of such error within seven days of delivery/receipt of any document containing the said error.

GUARANTEES

10. All guarantees for products are provided entirely by the manufacturers/UK importers and are subject to terms contained therein.

LIMITATIONS UPON LIABILITY

11. Advice given by agents or servants of this company during telephone/E-mail orders is based entirely upon information given by the purchaser with no inspection undertaken. As such, all advice given is indicative only and all such advice should be checked by the purchaser prior to order. Where advice is given after visual inspection by servants of this company, such advice shall amount to an opinion only. Additionally, goods supplied are supplied only to correspond to the purpose for which goods of that kind are commonly supplied and not alternative uses to which they may be put. No liability for failure can be accepted by this company for such alternative use, amendment or modification.
12. For trade buyers, the company is hereby excluded from any liability, howsoever arising, in respect of any express or implied condition, warranty or term, statement, representation whether statutory or otherwise, relating to the goods supplied. The trade buyer accepts that he is best placed to insure against losses which arise by virtue of any breach of this agreement and warrants that he carries adequate insurance in this respect.
13. Goods ordered by the Buyer may not be compatible with vehicles which have been modified, adapted or altered. Where goods ordered by the Purchaser are not compatible by reason of modification, adaptation or alteration, the Company may accept such goods back into stock entirely at its discretion, and shall either issue a refund or credit to the purchaser except where goods are specifically ordered for the purchaser where no such refund or credit will operate.
14. Where goods purchased by the buyer are alleged to be defective, the purchaser agrees to return such goods to the seller for inspection and report (without the seller replacing the said goods prior to such inspection). The purchaser also accepts that it is reasonable to inform the seller of any interruption, defect or other failure prior to contacting independent third parties or incurring expense and, in addition, to allow the seller to remedy the defect, failure or interruption. Parts modified or adapted by the purchaser shall no longer be warranted by the manufacturer nor shall the Company be liable for any failures resulting subsequent to modification as a result of such modification.
15. Competition goods are supplied for specialist use and are subject to extreme heat and stress whilst in use. Life expectancy and durability are greatly reduced and purchasers should note that any claim for failure/wear, shall not be entertained by the Company. It is acknowledged by the buyer of such goods that the foregoing statement shall be a relevant and important issue in any claim brought against the Company and the Company shall, in turn, place importance upon this clause. In addition, parts connected to parts supplied by this company may be placed under stress where specialist/competition parts are used, and purchasers should take advice from experts prior to purchase. Manufacturers may also limit guarantees when components are installed for competition use.
16. Where goods are defective, incorrectly supplied, delayed or otherwise in breach of the implied terms of the buyers statutory rights, all losses which result from loss of competition points, awards, loss of entry fees or other similar losses, are excluded and shall not be reclaimable from the Company. In addition, the company shall accept no liability for death or personal injury unless caused directly by the Companies own negligence.

17. No liability is accepted by the company where purchasers attempt to modify or install components supplied where it is known or ought reasonably to be known to the Purchaser that the part supplied is incorrectly supplied or otherwise not in accordance with the order.

18. The company accepts no liability in respect of failure to supply or other interruptions caused by matters beyond the reasonable control of the company, including but without limitation, strikes, lockouts, civil disputes, acts of God, war or actions by third parties.

19. Notwithstanding any other provision of this Agreement, nothing in this Agreement shall confer a benefit on any person or persons not named as the purchaser herein (for the purposes of the Contract (Rights of Third Parties) Act 1999 or for any other purpose).

PAYMENT TERMS

20. Quotations are given on the assumption that no variation in the price will be made by the manufacturer/sole importer. In the event of such changes, the trade buyer shall be liable for the full cost of any change without notice from the Company. A Consumer Buyer shall be contacted by the Company and consent for any price increase obtained. Where no such consent is obtained, the Consumer Buyers agreement to purchase shall be treated as cancelled. Buyers are hereby informed that calling down of smaller quantities of material than ordered may increase the overall price per unit, by way of reduced economies of scale. The resultant additional cost shall be the buyers.

21. Unless otherwise stipulated within the sales invoice/order form, all accounts are payable with order or otherwise in accordance with the terms of the trade buyer's credit account. Where default occurs in payment by the trade buyer, default interest shall become payable in accordance with the Late Payment of Commercial Debts (Interest) Act 1998 at the maximum rate permissible thereunder or in accordance with the credit terms agreed.

TITLE AND DELIVERY

22. Ownership or Title to the product shall not pass to the buyer until the company has received payment in full. In the event that sums owing in respect of other items ordered remain due, apportionment by this company shall take place without prejudice to the right to retain title or ownership in respect of all goods ordered.

23. Delivery times will be quoted at time of order and all times given for despatch or delivery are approximate and time shall not be of the essence. In respect of special order goods, the buyer acknowledges that further delays may occur and allows the company 30 days in any written notice, such notice to commence subsequent to the last time for delivery quoted by the Company. In any event, delivery times are approximate and variable.

24. The Buyer is required to notify the company, in writing, of any shortage, misdelivery or other discrepancy immediately, or at the latest within seven days of such shortage, misdelivery or failure, thereafter the buyer shall be liable for any such discrepancy. Where delivery is effected to the buyers own independent delivery contractor, loss or damage in transit claims should be made directly to the carrier. Buyers should retain all packaging in the event of a claim or return within the terms of this agreement.

25. Delivery and packing prices will be confirmed at the time of order. Buyers outside the United Kingdom and Europe shall be quoted approximate prices for delivery and packing prior to order confirmation. If required the Company shall quote for delivery and packing in such instances and confirmation shall be required from the Buyer prior to acceptance of order.

CANCELLATION OF ORDERS AND LIABILITY

26. Clauses 27, 28, 29 and 30 below shall only apply to a person who purchases goods as a consumer buyer and is resident within European Economic Community where rights, which accrue by virtue of the Consumer Protection (Distance Selling) Regulations, apply.

27. A Consumer Buyer shall have the right to cancel any contract for goods made by means of distance communication, in accordance with these Terms and Conditions, within seven working days of delivery of the goods. Cut cable lengths and special order goods shall not be returnable under the terms of this clause. Cancellation of the contract can be effected by service of a Written Notice signed by the Consumer Buyer which details clearly the Companies Sales Order Number and the name and address of the Consumer Buyer, and delivered either by fax to the number printed on the Invoice or by post to the Company's sales office.

28. If a Written Notice of Cancellation is received by the Company in accordance with clause 27 the Consumer Buyer shall become liable to return the goods to the Company forthwith, to such address as directed by the Company in their original packaging (and without having been installed or used and with all relevant seals and enclosures intact) and at the consumer buyer's sole expense.

29. If the Consumer Buyer fails to return the goods in accordance with clause 28 within 7 days of the cancellation of the contract, the Company shall be entitled to collect the goods from the consumer buyer and to recover any reasonable costs involved in such collection from the consumer buyer.

30. The Company shall then affect a refund of any monies owing to the consumer buyer in respect of the goods within 30 days from the date of cancellation or receipt of goods by the Company. Such a refund will be subject to any set off of monies to which the Company is entitled under clause 29.

31. Goods purchased and delivered to the buyer otherwise than by means of distance communication (including a Trade buyer) may be returned to the Company in original packaging (and without being installed or used and with all relevant seals and enclosures intact) for credit within 7 days of receipt by the buyer, subject to a restocking charge of not less than 10% of the value of the order. Credit shall be subject to the buyer producing proof of purchase and returning goods carriage paid. Special order goods shall not be returnable by virtue of this clause.

32. The Trade Buyer shall indemnify the company against all actions, claims, demands, penalties and cost brought by or incurred by third parties or this company in tort, contract, infringements of or alleged infringements of patents or registered designs or otherwise arising in connection with the goods or their delivery or unloading or with work done by the company in accordance with the buyers specifications.

33. The Buyer confirms that he/she shall comply with any or all rules and instructions relating to installation and use of the product concerned and fully accepts that any loss which results from forced, misdirected, inappropriate or unqualified installation or use shall not be accepted by the Company.

JURISDICTION

34. These terms and this agreement (including an agreement concluded by means of distance communication) shall be interpreted in accordance with English Law and industry custom and practice, and English courts shall have sole jurisdiction in respect of any dispute arising therefrom.

A-Z Index

Contents	Page	Contents	Page
accessory plugs & sockets	15	hose clips	39
alternator plugs	14	ignition switch	31
anti-corrode washers	9	indicator buzzer	26
ATO fuses	19	indicator lamps	32,33
battery chargers & accessories	37	injector connectors	12
battery connectors	9,10	insulation tapes	8
battery distribution box	20	internal lights	35
battery master switches	27,28	inverters	38
battery terminals	17	jump lead sets	4
battery terminal covers	9	junction boxes	27
battery terminal quick release	9	junior power timer connectors	12
blanking grommets	5	kit boxes	41-44
boxes	27	lamps	35
braided earth cables	4	lighting	35,36
bulbs	33,34	LED warning lights	33
bulb holders	34,35	low voltage worklamp	35
buzzers	26	marine battery change over switches	28
cable	3,4	mate-n-lock connectors	11
cable braided	4	maxi fuses	19
cable screened	4	midi fuses	19
cable starter	3	multiple connectors	10
cable thinwall	3	multimeters	40
cable clips	7	multiway connectors	10-14
cable colours	45,46	nuts	44
cable cutters	40	p clips	7
cable fixing	4	panel fuse holders	20
cable sleeving	8	power connectors	10,27
cable strippers	40	pre insulated terminals	17,18
cable ties & fixings	4	pvc tape	8
ceramic fuse holders	22	radiator fans	38
charge splitters	26,37	reflectors	36
cigarette lighter	23	relays	24,25
circuit breakers	19	relay japanese style	24
closing tool	40	relay boxes	22,24
connector blocks	16,27	relay sockets	22,24,25
connector D type	16	screenwasher components	34
connector Econoseal	14	sleeving glass fibre	8
convoluted tube	5	sleeving polyester	8
convoluted tube connectors	5,6,7	sleeving pvc	8
copper washer kit	44	solder	40
cord end terminals	14	Spal radiator fans	38
crimping tools	40	splash proof connectors	11,12,13,14
deutsch connectors	13	spiral binding	8
DIN plugs & sockets	23	split charge relay	26
diodes	26	stainless steel tie wraps	4
disconnect battery terminal	9	starter solenoids	25
door switches	31	superseal connectors	11,12
econoseal connectors	14	switches	28-32
ecu connectors	12	switches push button	28
exhaust clamps	39	switches modular	29
external lights	36	switches rocker	28
FIA battery master switch	28	switches rotary	30
FIA switch resistor	28	switches tail lift	32
flasher units	26	switches toggle	30,31
fluorescent lights	35	switches waterproof	31
fuel injection connectors	12	tapes	8
fuel pump relays	26	tensioning tool	40
fuses	19	terminals	15-18
fuse boxes including modular	20,21,22	terminal extractor tool	40
fuse holders panel	20	terminal kits	41-43
fuse pullers & testers	21	tie wraps inc extra large	4
glass fibre sleeving	8	timing relay	26
glass fuse holder	22	tools	40
grommets	4,5	trailer connectors	27
grommet strip	4	tube terminals	17
hand lamps	35	twist locks	4
high current connectors	10	warning lights	32,33
heatshrink sleeving	8	windscreen washer components	34
heatshrink sleeving adhesive lined	8	working lights	35

