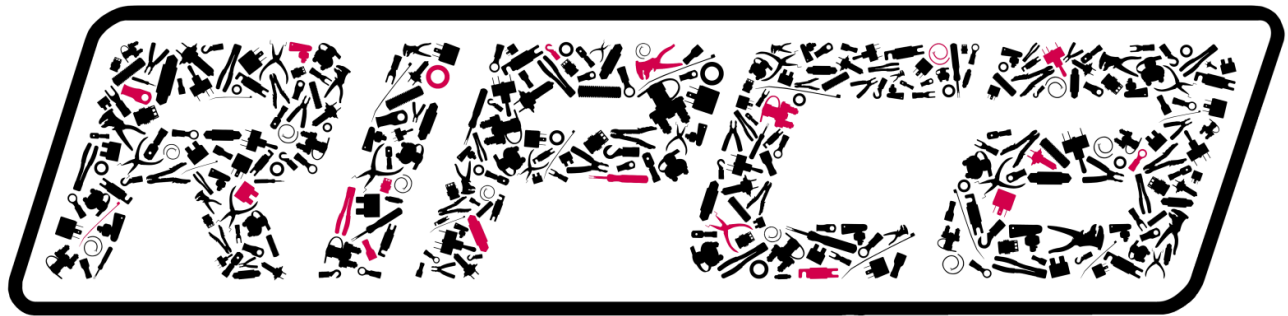
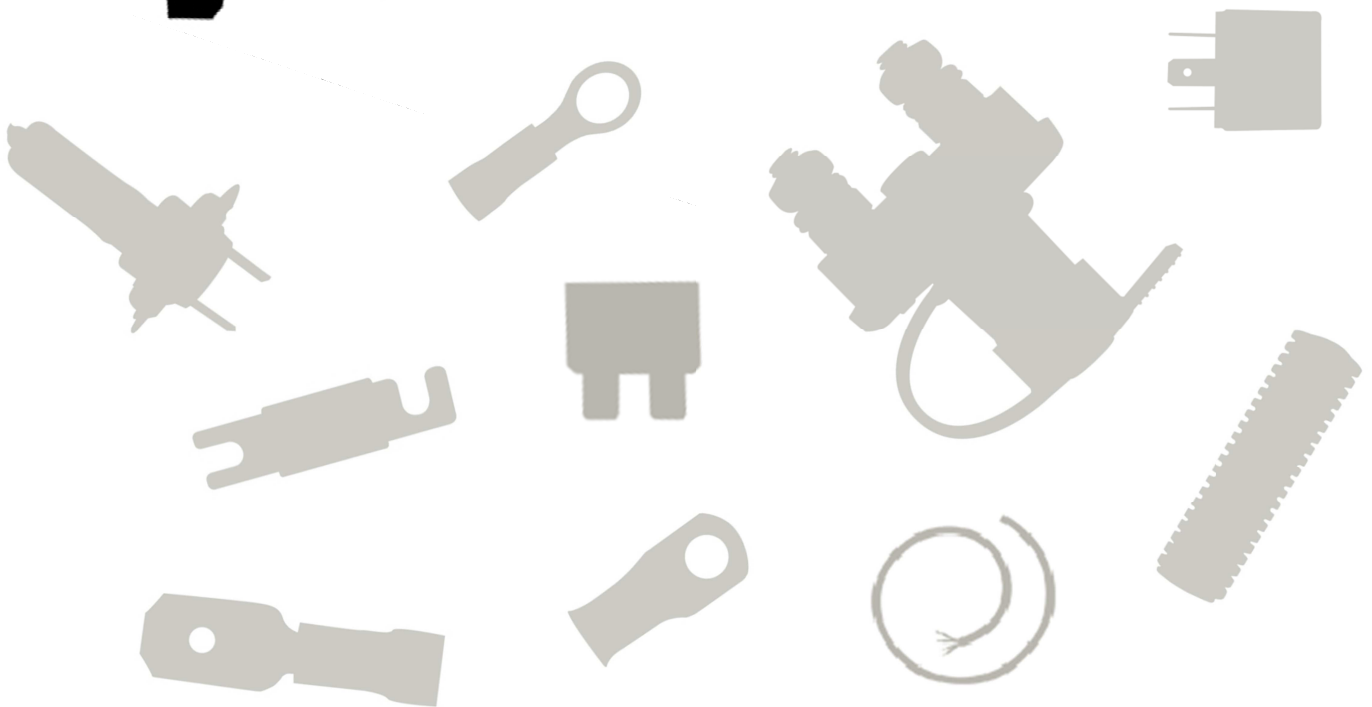




RIPCA Catalogus 2014



About us:

Ripca is a Supplier / Manufacturer of Auto-electrical connector products such as Cable, Terminals, Battery Terminals and Covers, Fuses, Cable Straps, Relays, Switches etc.

The present range of products available does not reveal the roots of Ripca. In the Early 1900's the English Ripaults began as a manufacturer of Spark Plugs. Sadly this product is no longer in our range. By Mid-1980 Ripca became an independent company and proud owner of the Registered Trademark Ripaults.

From that time onwards Ripca has continued to improve the quality of the products supplied. Ripca has during this time obtained the ISO 9002:2008 Certificate of Registration and deals with suppliers that have also been approved to this standard.

The wide range of products is unique as we not only stock fast movers, but also the less popular items and an increasing number of products are manufactured by Ripca.

Our customers base consists of well-known Car manufacturers, Coach Builders, Harness Makers, Wholesalers, Suppliers of LPG Equipment and end users all over Europe. From the large warehouse (1700m²) we supply 99% from stock. If you ask Ripaults customers about their experiences, they will tell you Ripca offers a fast and reliable service because of the people involved and the level of stock.

You will find that Ripca people know what they are talking about.

Now, only one thing remains, find out for yourself. Get Connected to Ripca.

Contact:

Ripca B.V

Mercuriusweg 15

3771 NC Barneveld

The Netherlands

T: +31 (0)342404140

F: +31 (0)342404140

Ripca UK

Ground Floor

6 Sylvan Court fields business park Laindon

Essex SS15 6TU

United Kingdom

+44 (0)1268 415777

+44 (0)1268 571852

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Cables

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Single core cable

Thin Wall Hard Grade Single Core Cable to:

ISO6722:2002 DIN 72551/6. (FLYB)

Conductors of high conductivity plain annealed copper wire, bunched conductors, insulated with hard grade PVC.

Temp. -30°C + 105°C.

Applications: in hot environments with no direct heat contact on the cable.

Flame Retardant: according to ISO6722:2002.

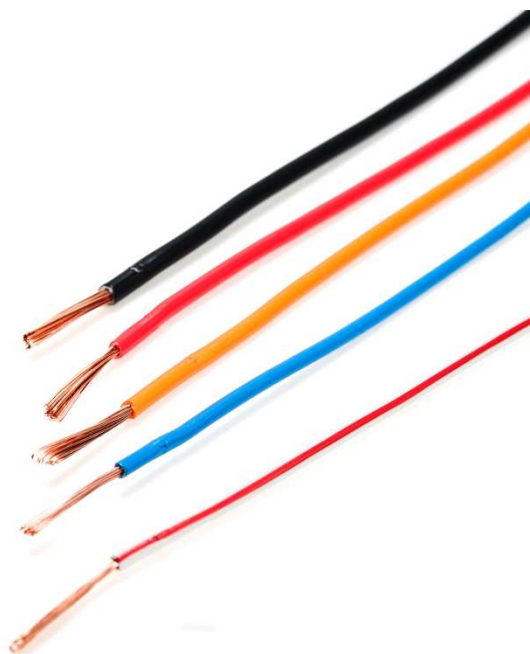
Good resistance to: gasoline, diesel fuel, oil, battery acid and engine coolant.

The copper construction is nominal and therefore the construction is based on the electrical resistance per meter.

PVC compound T2 according to Fiat 91107/18

Insulation hardness 95±5 shore A

Max working Volt 300V



Color coded cables

Ripca can supply various colored cables with additional striping (color codes).

Most colours are available upon request

Cable 0.5 mm² :

Nominal conductor	:	15 x 0.20 mm²
Max conductor	:	37.1 Ohm/km
Outer cable diameter	:	Ø 1.45 -1.55 mm
Min insulation thickness	:	0,22 mm

Cable 1.0 mm² :

Nominal conductor	:	30 X 0.2 mm²
Max conductor	:	18.5 Ohm/km
Outer cable diameter	:	Ø 1.85 -1.95 mm
Min insulation thickness	:	0.24 mm

Cable 1.5mm² :

Nominal conductor	:	30 x 0.25 mm²
Max conductor	:	12.7 Ohm/km
Outer cable diameter	:	Ø 2.20 -2.30 mm
Min insulation thickness	:	0.24 mm

Single core cable

Cable 2.0 mm² :

Nominal conductor	:	40 X 0.25 mm ²
Max conductor	:	9.42 Ohm/km
Outer cable diameter	:	Ø 2.50 -2.60 mm
Min insulation thickness	:	0.30 mm

Cable 2.5 mm² :

Nominal conductor	:	50 X 0.25 mm ²
Max conductor	:	7.6 Ohm/km
Outer cable diameter	:	Ø 2.75 -2.85 mm
Min insulation thickness	:	0.28 mm

Cable 3.0 mm² :

Nominal conductor	:	24 x 0.40mm ²
Max conductor	:	6.0 Ohm/km
Outer cable diameter	:	Ø 3.00 -3.60 mm
Min insulation thickness	:	0.28 mm

Cable 4.0 mm² :

Nominal conductor	:	56 X 0.30mm ²
Max conductor	:	4.7 Ohm/km
Outer cable diameter	:	Ø 3.35 -3.55 mm
Min insulation thickness	:	0.32 mm

Cable 6.0 mm² :

Nominal conductor	:	84 X 0.30mm ²
Max conductor	:	3.22 Ohm/km
Outer cable diameter	:	Ø 3.95 -4.15 mm
Min insulation thickness	:	0.32 mm

Cable 10.0 mm² :

Nominal conductor	:	84 x 0.40mm ²
Max conductor	:	1.83 Ohm/km
Outer cable diameter	:	Ø 6.75 -7.05 mm
Min insulation thickness	:	0.32 mm

Cable singlecore 0.5mm² - 4.0mm²

Base Color	Trace color	0.5mm ²	0.75mm ²	1.0mm ²	1.5mm ²	2.0mm ²	2.5mm ²	3.0mm ²	4.0mm ²
Black		X	X	X	X	X	X	X	X
Black	Blue		X	X					
Black	Brown			X		X			
Black	Green	X	X	X		X			
Black	Grey	X		X					
Black	Light Green	X		X					
Black	Orange			X		X			
Black	Pink	X		X					
Black	Purple	X		X		X			
Black	Red	X	X	X					
Black	White	X	X	X		X			
Black	Yellow	X		X		X		X	
Blue		X	X	X	X	X	X	X	X
Blue	Black	X	X	X	X	X			
Blue	Brown			X		X			
Blue	Green	X		X		X			
Blue	Grey	X		X		X			
Blue	Light Green	X		X					
Blue	Orange			X		X			
Blue	Pink			X					
Blue	Purple	X		X					
Blue	Red	X	X	X	X	X		X	
Blue	White	X	X	X		X			
Blue	Yellow	X	X	X	X	X			
Brown		X	X	X	X	X	X	X	X
Brown	Black		X	X		X			
Brown	Blue		X	X	X	X			
Brown	Green		X	X		X			
Brown	Grey	X		X					
Brown	Light Blue		X						
Brown	Light Green		X	X					
Brown	Orange			X		X			
Brown	Pink		X	X		X			
Brown	Purple			X		X			
Brown	Red	X	X	X		X		X	
Brown	White	X	X	X		X			
Brown	Yellow	X		X	X	X			

Cable singlecore 0.5mm² - 4.0mm²

Base Color	Trace color	0.5mm ²	0.75mm ²	1.0mm ²	1.5mm ²	2.0mm ²	2.5mm ²	3.0mm ²	4.0mm ²
Green		X	X	X	X	X	X	X	
Green	Black	X	X	X		X			
Green	Blue	X	X	X					
Green	Brown	X	X	X		X			
Green	Grey			X		X			
Green	Light Green			X					
Green	Orange	X		X					
Green	Pink			X					
Green	Purple	X	X	X		X			
Green	Red		X	X		X			
Green	White	X	X	X		X			
Green	Yellow	X	X	X	X	X			X
Grey		X	X	X	X	X	X	X	
Grey	Black	X	X	X					
Grey	Blue	X		X	X	X			
Grey	Brown			X					
Grey	Green	X		X		X			
Grey	Light Green			X					
Grey	Orange		X	X		X			
Grey	Pink			X		X			
Grey	Purple			X		X			
Grey	Red	X	X	X	X	X			
Grey	White	X		X		X			
Grey	Yellow			X	X				
Light Green	Black			X					
Light Green	Brown			X					
Light Green	Orange			X					
Light Green	Pink			X					
Light Green	Purple			X					
Light Green	Red			X		X		X	
Light Green	White			X					
Light Green	Yellow			X					
Light Blue				X					
Light Green				X					

Cable singlecore 0.5mm² - 4.0mm²

Base Color	Trace color	0.5mm ²	0.75mm ²	1.0mm ²	1.5mm ²	2.0mm ²	2.5mm ²	3.0mm ²	4.0mm ²
Orange		X	X	X	X	X	X	X	
Orange	Black	X		X	X	X			
Orange	Blue			X					
Orange	Brown			X		X			
Orange	Green	X		X		X			
Orange	Grey			X					
Orange	Light Green			X					
Orange	Pink			X					
Orange	Red			X					
Orange	White	X	X	X					
Orange	Yellow	X		X					
Pink		X	X	X		X		X	
Pink	Black	X		X					
Pink	Blue	X		X					
Pink	Brown			X					
Pink	Green	X		X					
Pink	Red			X					
Pink	White			X					
Purple		X	X	X	X	X	X	X	
Purple	Black	X	X	X					
Purple	Blue	X	X	X					
Purple	Brown			X		X			
Purple	Green			X					
Purple	Grey	X		X					
Purple	Orange	X		X					
Purple	Red	X	X	X		X			
Purple	White	X	X	X		X			
Purple	Yellow	X	X	X		X			
Red		X	X	X	X	X	X	X	X
Red	Black	X	X	X	X	X			
Red	Blue	X	X	X		X			
Red	Brown	X		X					
Red	Green		X	X	X	X			
Red	Grey		X	X					
Red	Light Green	X		X					
Red	Orange	X		X					
Red	Pink			X					
Red	Purple			X		X			
Red	White	X	X	X	X	X			
Red	Yellow	X	X	X		X			

Cable singlecore 0.5mm² - 4.0mm²

Base Color	Trace color	0.5mm ²	0.75mm ²	1.0mm ²	1.5mm ²	2.0mm ²	2.5mm ²	3.0mm ²	4.0mm ²
White		X	X	X	X	X	X	X	X
White	Black	X		X		X			
White	Blue	X		X		X		X	
White	Brown	X	X	X					
White	Green	X		X	X	X		X	
White	Grey	X	X	X		X			
White	Light Green			X					
White	Orange	X	X	X					
White	Pink			X					
White	Purple			X		X			
White	Red			X				X	
White	Yellow	X	X	X		X			
Yellow		X	X	X	X	X	X	X	
Yellow	Black	X		X	X	X			
Yellow	Blue	X	X	X		X			
Yellow	Brown	X		X					
Yellow	Green		X	X		X			
Yellow	Grey	X	X	X		X			
Yellow	Orange	X	X	X					
Yellow	Pink			X					
Yellow	Purple			X					
Yellow	Red	X		X		X			
Yellow	White	X		X	X	X			

Other sizes cable available are:

5.0mm² Black , Brown, Brown/white and Red

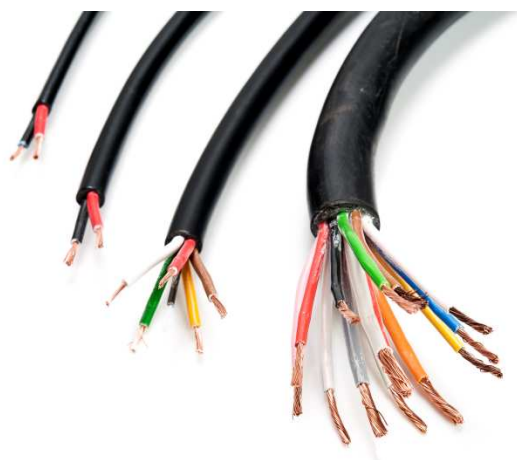
6.0mm² Black, Brown, Red and White

10.0mm² Black, Brown and Red

Cable multicore

Insulation type T12 polyvinylchloride
 Max working Volt 300 – 500 V

Article	Cores colour	Cores	Shape	Diameter	Nominal conductor	Max conductor res	Outer cable diameter
2X.65FLAT	Black / Red	2	Flat	0.75mm ²	21 x 0.20mm ²	26.0 Ohm/km	3.9mm x 6.2mm
2X.65RND	Black / Red	2	Round	0.75mm ²	21 x 0.20mm ²	26.0 Ohm/km	Ø 6.0 - 6.4mm
2X1.5FLAT	Black / White	2	Flat	1.5mm ²	28 x 0.25mm ²	13.3 Ohm/km	4.1mm x 7.1mm
2X1.5RND	Black / White	2	Round	1.5mm ²	28 x 0.25mm ²	13.3 Ohm/km	Ø 7.1 - 7.7mm
2X1FLAT	Black / Red	2	Flat	1.0mm ²	28 x 0.20mm ²	19.5 Ohm/km	4.0mm x 6.5mm
2X1RND	Black / Red	2	Round	1.0mm ²	28 x 0.20mm ²	19.5 Ohm/km	Ø 6.6 - 7.0mm
2X2.5FLAT	Black / Red	2	Flat	2.5mm ²	47 x 0.25mm ²	8.0 Ohm/km	4.9mm x 8.5mm
2X2FLAT	Black / Red	2	Flat	2.0mm ²	38 x 0.25mm ²	10.0 Ohm/km	4.1mm x 7.4mm
3X1.5RND	Red / Green / Black	3	Round	1.5mm ²	3x 28x0.25mm ²	13.3 Ohm/km	Ø 7.75 - 8.35mm
3X1RND	Red / Green / Black	3	Round	1.0mm ²	3x 28x0.20mm ²	19.5 Ohm/km	Ø 6.35 - 6.75mm
4X1.5RND	Red / Brown / White / Green	4	Round	1.5mm ²	28x0.25mm ²	13.3 Ohm/km	Ø 8.70 - 9.30mm
4X1RND	Red / Brown / White / Green	4	Round	1.0mm ²	28x0.20mm ²	19.5 Ohm/km	Ø 7.55 - 7.95mm
5X1.5RND	Yellow / Brown / White / Red / Grey	5	Round	1.5mm ²	28x0.25mm ²	13.3 Ohm/km	Ø 9.75 - 10.35mm
5X1RND	Yellow / Brown / White / Red / Grey	5	Round	1.0mm ²	28x0.20mm ²	19.5 Ohm/km	Ø 8.25 - 8.65mm
7X1.5RND	Yellow / Brown / Blue / Black / Green / Red / White	7	Round	1.5mm ²	28x0.25mm ²	13.3 Ohm/km	Ø 10.90 - 11.70mm
7X1RND	Yellow / Brown / Blue / Black / Green / Red / White	7	Round	1.0mm ²	28x0.20mm ²	19.5 Ohm/km	Ø 9.60 - 10.40mm



Flexicable

Very flexible Single Core PVC Insulated Cables

Applications: easy to use inside visible or embedded ducts. Not suitable for direct burial or outdoors installation, in wet environments as well as in contact with hot parts.

It must not be subject to thermic radiation.

Insulation: flame retardant soft PVC, according to IEC 60332-1

Conductor: flexible plain annealed copper wires.

Insulation Hardness: 70± 5 Shore "A"

Temperature rating: +5°C/+70°C (mobile use).

Rating Voltage U/Uo: 450/750 V

Flame retardant: according to IEC332-1/CEI EN 50265



Article	Main color	Diameter	Nominal conductor	Max conductor	Outer cable diameter
16FLEXBLK	Black	16.0mm ²	204xØ 0.30mm	1.31 Ohm/km	7.60 - 8.00mm ²
16FLEXRED	Red	16.0mm ²	204xØ 0.30mm	1.31 Ohm/km	7.60 - 8.00mm ²
25FLEXBLK	Black	25.0mm ²	324xØ 0.30mm	0.85 Ohm/km	10.35 - 10.65mm ²
25FLEXRED	Red	25.0mm ²	324xØ 0.30mm	0.85 Ohm/km	10.35 - 10.65mm ²
35FLEXBLK	Black	35.0mm ²	444xØ 0.30mm	0.60 Ohm/km	11.85 - 12.15mm ²
35FLEXRED	Red	35.0mm ²	444xØ 0.30mm	0.60 Ohm/km	11.85 - 12.15mm ²
50FLEXBLK	Black	50.0mm ²	636xØ 0.30mm	0.42 Ohm/km	13.65 - 13.95mm ²
50FLEXRED	Red	50.0mm ²	636xØ 0.30mm	0.42 Ohm/km	13.65 - 13.95mm ²
70FLEXBLK	Black	70.0mm ²	900xØ 0.30mm	0.30 Ohm/km	15.75 - 16.05mm ²
70FLEXRED	Red	70.0mm ²	900xØ 0.30mm	0.30 Ohm/km	15.75 - 16.05mm ²
95FLEXBLK	Black	95.0mm ²	1224xØ 0.30mm	0.22 Ohm/km	18.05 - 18.35mm ²
95FLEXRED	Red	95.0mm ²	1224xØ 0.30mm	0.22 Ohm/km	18.05 - 18.35mm ²

PV Cable

Battery Cables, PVC insulated

Insulation: PVC type Tl2

Temperature rating: +5°C/+70°C.

Rating Voltage U/Uo: 450/750 V

Article	Main color	Diameter	Nominal conductor	Max conductor	outer cable diameter
16PVBLK	Black	16.0mm ²	122xØ 0.40mm	1.15 Ohm/km	7.60 - 8.00mm ²
16PVRED	Red	16.0mm ²	122xØ 0.40mm	1.15 Ohm/km	7.60 - 8.00mm ²
25PVBLK	Black	25.0mm ²	190xØ 0.40mm	0.74 Ohm/km	9.40 - 10.00mm ²
25PVRED	Red	25.0mm ²	190xØ 0.40mm	0.74 Ohm/km	9.40 - 10.00mm ²
35PVBLK	Black	35.0mm ²	260xØ 0.40mm	0.55 Ohm/km	11.50 - 12.10mm ²
35PVRED	Red	35.0mm ²	260xØ 0.40mm	0.55 Ohm/km	11.50 - 12.10mm ²
50PVBLK	Black	50.0mm ²	399xØ 0.40mm	0.37 Ohm/km	13.00 - 13.60mm ²
50PVRED	Red	50.0mm ²	399xØ 0.40mm	0.37 Ohm/km	13.00 - 13.60mm ²
PVT70FBLK	Black	70.0mm ²	570xØ 0.40mm	0.26 Ohm/km	15.90 - 16.50mm ²

Speakercable

Flexible Bare Copper Class. 5 VDE 0295 - IEC 60228.
 Insulation: PVC type TI2.

Temp. Rating: +5°C - +40°C on the conductor.



Article	Diameter	Color	Max conductor	Outer cable diameter	Nominal conductor
LS2X.38	2x0.38mm ²	Black/Red	54.5 Ohm / km	1.9x4.0mm	10xØ 0.20mm
LS2X.50	2x0.50mm ²	Black/Red	39.0 Ohm / km	2.0x4.2mm	14xØ 0.20mm
LS2X.75	2x0.75mm ²	Black/Red	26.0 Ohm / km	2.2x4.6mm	21xØ 0.20mm
LS2X1	2x1.0mm ²	Black/Red	19.5 Ohm / km	2.8x5.8mm	28xØ 0.20mm
LS2X1.5	2x1.5mm ²	Black/Red	13.3 Ohm / km	3.0x6.2mm	28xØ 0.25mm

Twincable

PVC cable 2 cores parallel side by side, transparant sheath color with core identification red/black.
 Application for connecting of machinery such as battery chargers, connecting cable between chargers and accumulators of battery operating vehicles.
 Suitable in dry, humid and wet rooms.
 Conductor: Flexible plain coated annealed copper rope
 Insulation: PVC type TI1
 Sheath: PVC type TM2
 Cores Colours: Red-Black
 Sheath Colour: Transparant



Article	Core color	Diameter	Max conductor	Outer cable diameter	Minimum insulation thickness
2X4TWIN	Red / Black	4.0mm ²	4.95 Ohm	6.0mmx12.6mm	0.8mm
2X6TWIN	Red / Black	6.0mm ²	3.30 Ohm	6.5mmx13.6mm	0.8mm
2X10TWIN	Red / Black	10.0mm ²	1.91 Ohm	7.9mmx16.7mm	1.1mm
2X16TWIN	Red / Black	16.0mm ²	1.21 Ohm	8.9mmx19.0mm	1.1mm
2X25TWIN	Red / Black	25.0mm ²	0.78 Ohm	10.8mmx22.8mm	1.2mm
2X35TWIN	Red / Black	35.0mm ²	0.554 Ohm	12.3mmx26.0mm	1.2mm
2X50TWIN	Red / Black	50.0mm ²	0.386 Ohm	13.3mmx28.2mm	1.4mm
2X70TWIN	Red / Black	70.0mm ²	0.272 Ohm	16.5mmx34.8mm	1.4mm

Ignition

The copper construction is nominal and therefore the construction is based on the electrical resistance per meter.



Article	Main color	Diameter	Nominal conductor	Outer cable diameter
IC7B	Black	1.5mm ²	19xØ 0.30mm	6.8 -7.2mm ²



Terminals

Insulated terminals

Blade	2.2
Bullet	2.2
Butt / Paralell	2.3
Flag	2.3
Female	2.4
Fork	2.5
Male	2.6
Ring	2.7
Ring anti vibration	2.9
Hook	2.10
Lipped blade	2.10
Lipped fork	2.11
Mini	2.11
Piggy backs	2.12
Pin	2.12
Window	2.13
Receptacle	2.13
Receptacle bullet	2.13



Non-insulated terminals	
Blade	2.14
Male	2.15
Female	2.17
Butt	2.20
Pin	2.20
Receptacle	2.21
Stationary blades	2.21
Ring	2.22
Piggyback	2.22
Spark plug	2.23
Terminal taillamp	2.23
Fuseconnector	2.24
Flag tinned brass	2.24
Hookterminal	2.24
Eyelett	2.25
Eyelett DIN	2.25
Eyelett tube	2.26
Battery	2.28
Cord end	2.30
Cord end D (DIN)	2.30
Cord end T (French)	2.30
Cord end W (German)	2.31
Twin	2.31
Non-insulated	2.32
Heatshrinkable	2.33
Solder	2.34
Scotchblock	2.35
Ignition	2.36
PCB	2.37

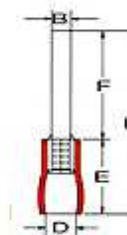


Blade terminals

Insulation material: PVC Pipe. Max.

Electrical Rating: 600 Volts 75°C

These terminals are according to UL94V0.



Article	Wire range	Terminal size	Tab size	Length	Diameter	Insulation height
120RED	0.5-1.5 mm ²	9.0mm	2.8mm	19.5mm	Ø 4.3mm	10.5mm
121RED	0.5-1.5 mm ²	10.0mm	3.4mm	20.5mm	Ø 4.3mm	10.5mm
122RED	0.5-1.5 mm ²	18.0mm	2.4mm	28.5mm	Ø 4.3mm	10.5mm
122RED	0.5-1.5 mm ²	18.0mm	2.4mm	28.5mm	Ø 4.3mm	10.5mm
230BLU	1.5-2.5 mm ²	10.0mm	2.8mm	21.0mm	Ø 4.3mm	11.0mm
231BLU	1.5-2.5 mm ²	13.0mm	2.4mm	22.8mm	Ø 4.5mm	10.0mm
232BLU	1.5-2.5 mm ²	18.0mm	2.2mm	27.8mm	Ø 4.5mm	10.0mm
250YLW	4-6 mm ²	10.0mm	2.8mm	24.0mm	Ø 6.7mm	14.0mm
251YLW	4-6 mm ²	14.0mm	4.5mm	27.0mm	Ø 6.7mm	14.0mm



Bullet terminals

Insulation Material: Vinyl Max. Electrical Rating: 300 Volts 75 C.

These terminals are according to UL94V0.

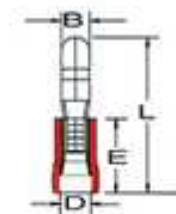
N = nylon

Without N = vinyl

Insulation Material: Nylon Max. Electrical Rating: 300 Volts 105 C.

These terminals are according to UL94V02.

WIRE EASY ENTRY COPPER SLEEVE



Article	Wire range	Anti vibration	Tabsize	Length	Diameter	Insulation height
1550BLU	1.5-2.5 mm ²	Yes	Ø 4.0mm	22.0 mm	Ø 4.7mm	11.0mm
180RED	0.5-1.5 mm ²	No	Ø 4.0mm	21.0 mm	Ø 3.6mm	10.0mm
280BLU	1.5-2.5 mm ²	No	Ø 4.0mm	21.0 mm	Ø 4.3mm	10.0mm
281BLU	1.5-2.5 mm ²	No	Ø 5.0mm	21.5 mm	Ø 4.3mm	10.0mm
550BLU	1.5-2.5 mm ²	Yes	Ø 5.0mm	22.5 mm	Ø 4.9mm	11.0mm
547RED	0.5-1.5 mm ²	Yes	Ø 4.0mm	21.5 mm	Ø 4.7mm	10.5mm
850YLW	4-6 mm ²	Yes	Ø 5.0mm	26.0 mm	Ø 6.5mm	14.0mm
547NFRED	0.5-1.5 mm ²	Yes	Ø 4.0mm	21.5 mm	Ø 4.7mm	10.5mm
547NRED	0.5-1.5 mm ²	Yes	Ø 4.0mm	21.5 mm	Ø 4.7mm	10.5mm
550NBLU	1.5-2.5 mm ²	Yes	Ø 5.0mm	22.5 mm	Ø 4.9mm	11.0mm
550NFBLU	1.5-2.5 mm ²	Yes	Ø 5.0mm	22.5 mm	Ø 4.9mm	11.0mm
850NYLW	4-6 mm ²	Yes	Ø 5.0mm	25.7 mm	Ø 5.7mm	14.0mm
854NYLW	4-6 mm ²		Ø 4.0mm	25.7 mm	Ø 5.7mm	14.0mm
1550NBLU	1.5-2.5 mm ²	Yes	Ø 4.0mm	22.0 mm	Ø 4.7mm	11.0mm
1550NFBLU	1.5-2.5 mm ²	Yes	Ø 4.0mm	22.0 mm	Ø 4.7mm	11.0mm



Butt / Parallel terminals

Insulation Material: Vinyl

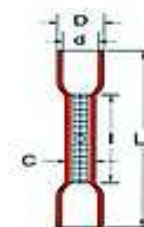
Max. Electrical Rating: 300 Volts 105 C.

N = nylon

Without N= vinyl

Insulation Material: Nylon

Max. Electrical Rating: 300 Volts 75 C.



Article	Wire range	Anti vibration	Tabsize	Length	Diameter	Insulation height
545RED	0.5-1.5 mm ²	No	Ø 4.1mm	24.0 mm	Ø 5.6mm	24.0 mm
545REDA	0.5-1.5 mm ²	Yes	Ø 1.7mm	24.0 mm	Ø 4.5mm	24.0 mm
546BLU	1.5-2.5 mm ²	No	Ø 4.5mm	25.0 mm	Ø 6.1mm	25.0 mm
546BLUA	1.5-2.5 mm ²	Yes	Ø 3.4mm	17.0 mm	Ø 6.8mm	30.0 mm
551YLW	4-6 mm ²	No	Ø 6.6mm	15.0 mm	Ø 8.1mm	27.0 mm
551YLWA	4-6 mm ²	Yes	Ø 2.3mm	15.0 mm	Ø 5.0mm	26.0 mm
545NRED	0.5-1.5 mm ²	No	Ø 4.1mm	24.0 mm	Ø 5.6mm	25.5 mm
546NBLU	1.5-2.5 mm ²	No	Ø 4.5mm	25.5 mm	Ø 6.1mm	25.5 mm
551NYLW	4-6 mm ²	No	Ø 5.6mm	27.5 mm	Ø 8.1mm	27.5 mm
545/16RED	0.5-1.5 mm ²	No	Ø 1.7mm	13.0 mm	Ø 5.9mm	13.0mm
546/16BLU	1.5-2.5 mm ²	No	Ø 2.3mm	13.0 mm	Ø 4.5mm	13.0mm
551/16YLW	4-6 mm ²	No	Ø 3.4mm	27.0 mm	Ø 6.3mm	15.0mm



Flagterminals

These terminals are according to UL94V0.

Article	Type insulation	Wire range	Anti vibration	Terminalsize
193RED	Vinyl Insulated	0.5-1.5 mm ²	No	6.3x0.8mm
293BLU	Vinyl Insulated	1.5-2.5 mm ²	No	6.3x0.8mm

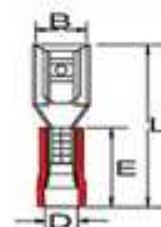


Female terminals

Insulation Material: Polyamide NYLON Max.
 Electrical Rating: 600 Volts 105 C.

WIRE EASY ENTRY COPPER SLEEVE

These terminals are according to UL94V02.



Article	Terminal size	Tabsize	Length	Diameter D	Insulation height
109RED	6.3x0.8mm	6.8mm	21.0 mm	Ø 3.6mm	10.0mm
1109RED	6.3x0.8mm				
140RED	2.8x0.5mm	3.2mm	18.5 mm	Ø 3.6mm	10.0mm
141RED	4.8x0.5mm	5.0mm	19.0 mm	Ø 3.6mm	10.0mm
1541RED	6.3x0.8mm	6.8mm	22.0 mm	Ø 4.7mm	10.5mm
1559RED	2.8x0.5mm	3.2mm	19.0 mm	Ø 4.7mm	10.5mm
1741RED	4.8x0.5mm	5.0mm	20.0 mm	Ø 4.7mm	10.5mm
541RED	6.3x0.8mm	6.8mm	21.5 mm	Ø 4.7mm	10.5mm
559/8RED	2.8x0.5mm	3.2mm	19.0 mm	Ø 4.7mm	10.5mm
559RED	2.8x0.5mm	3.2mm	19.0 mm	Ø 4.7mm	10.5mm
741/8RED	4.8x0.5mm	5.0mm	19.5 mm	Ø 4.7mm	10.5mm
741RED	4.8x0.5mm	5.0mm	19.5 mm	Ø 4.7mm	10.5mm
1209BLU	6.3x0.8mm				
1542BLU	6.3x0.8mm	6.8mm	23.0 mm	Ø 4.9mm	11.0mm
1742/8BLU	4.8x0.5mm	5.0mm	20.5 mm	Ø 4.9mm	11.0mm
1742BLU	4.8x0.5mm	5.0mm	20.5 mm	Ø 4.9mm	11.0mm
1759BLU	2.8x0.5mm	3.2mm	19.5 mm	Ø 4.9mm	11.0mm
209BLU	6.3x0.8mm	6.8mm	21.0 mm	Ø 3.6mm	10.0mm
241BLU	4.8x0.8mm	5.0mm	19.0 mm	Ø 4.3mm	10.0mm
542BLU	6.3x0.8mm	6.8mm	22.0 mm	Ø 4.9mm	11.0mm
544BLU	8.0x0.8mm	8.2mm	24.5 mm	Ø 4.7mm	10.5mm
742/8BLU	4.8x0.5mm	5.0mm	19.5 mm	Ø 4.7mm	10.5mm
742BLU	4.8x0.5mm	5.0mm	20.0 mm	Ø 4.9mm	11.0mm
759/8BLU	4.8x0.5mm	5.0mm	20.0 mm	Ø 4.9mm	11.0mm
759BLU	2.8x0.5mm	3.2mm	19.5 mm	Ø 4.9mm	11.0mm
1308YLW	6.3x0.8mm				
1543YLW	6.3x0.8mm	6.8mm	25.5 mm	Ø 6.5mm	14.0mm
1555YLW	9.4x1.2mm	10.0mm	30.6 mm	Ø 6.5mm	14.5mm
308YLW	6.3x0.8mm	6.8mm	24.0 mm	Ø 5.4mm	13.0mm
309YLW	9.4x1.2mm	10.0mm	28.5 mm	Ø 5.4mm	13.0mm
510YLW	2.8x0.5mm	3.2mm	23.0 mm	Ø 6.5mm	14.0mm
511YLW	2.8x0.5mm	3.2mm	23.0 mm	Ø 6.5mm	14.0mm
512YLW	4.8x0.5mm	5.0mm	23.0 mm	Ø 6.5mm	14.0mm
513YLW	4.8x0.5mm	5.0mm	23.0 mm	Ø 6.5mm	14.0mm
543YLW	6.3x0.8mm	6.8mm	25.0 mm	Ø 6.5mm	14.0mm
555YLW	9.4x1.2mm	10.0mm	28.6 mm	6.2 Ømm	13.0mm



Fork terminals

N =Insulation Material: Polyamide (NYLON)

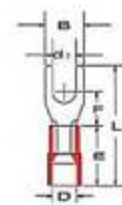
Without N = vinyl insulation

Max. Electrical Rating: 600 Volts 105 C.

WIRE EASY ENTRY

These terminals are according to UL94V02.

No antivibration.



Article	Wire range	Tabsize	Lenght	Diameter	Insulation height	Diameter D2
644NRED	0.5-1.5 mm ²	7.2mm	22.0mm	Ø 4.3mm	10.5mm	Ø 4.3mm
645NRED	0.5-1.5 mm ²	8.0mm	22.0mm	Ø 4.1mm	10.5mm	Ø 5.3mm
646NRED	0.5-1.5 mm ²	10.7mm	23.0mm	Ø 4.1mm	10.5mm	Ø 6.4mm
664NBLU	1.5-2.5 mm ²	7.2mm	22.5mm	Ø 4.5mm	11.0mm	Ø 4.3mm
665NBLU	1.5-2.5 mm ²	8.0mm	22.5mm	Ø 4.5mm	11.0mm	Ø 5.3mm
684NYLW	4-6 mm ²	8.2mm	26.7mm	Ø 6.6mm	14.0mm	Ø 4.3mm
686NYLW	4-6 mm ²	9.0mm	30.3mm	Ø 6.6mm	14.0mm	Ø 5.3mm
642RED	0.5-1.5 mm ²	5.7mm	22.0mm	Ø 4.3mm	10.5mm	Ø 3.2mm
643RED	0.5-1.5 mm ²	6.2mm	22.0mm	Ø 4.3mm	10.5mm	Ø 3.7mm
644RED	0.5-1.5 mm ²	7.2mm	22.0mm	Ø 4.3mm	10.5mm	Ø 4.3mm
645RED	0.5-1.5 mm ²	8.0mm	22.0mm	Ø 4.3mm	10.5mm	Ø 5.3mm
646RED	0.5-1.5 mm ²	10.8mm	23.0mm	Ø 4.3mm	10.5mm	Ø 6.4mm
663BLU	1.5-2.5 mm ²	6.2mm	22.5mm	Ø 4.9mm	11.0mm	Ø 3.7mm
664BLU	1.5-2.5 mm ²	7.2mm	22.5mm	Ø 4.9mm	11.0mm	Ø 4.3mm
665BLU	1.5-2.5 mm ²	8.0mm	22.5mm	Ø 4.9mm	11.0mm	Ø 5.3mm
666BLU	1.5-2.5 mm ²	10.8mm	23.5mm	Ø 4.9mm	11.0mm	Ø 6.4mm
684YLW	4-6 mm ²	8.2mm	26.7mm	Ø 6.7mm	14.0mm	Ø 4.3mm
685YLW	4-6 mm ²	9.0mm	26.7mm	Ø 6.7mm	14.0mm	Ø 5.3mm
686YLW	4-6 mm ²	12.0mm	30.7mm	Ø 6.7mm	14.0mm	Ø 6.4mm
688YLW	4-6 mm ²	14.0mm	30.7mm	Ø 6.7mm	14.0mm	Ø 8.4mm
690YLW	4-6 mm ²	15.0mm	33.0mm	Ø 6.7mm	14.0mm	Ø 10.5mm



Male terminals

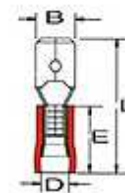
Max. Electrical Rating: 300 Volts 105 C.

Wire Easy Entry Copper Sleeve

N = nylon insulated

Without N = vinyl insulated

These terminals are according to UL94V02.



Article	Wire range	Anti vibration	Terminal size	Tabsize	Lenght	Diameter	Insul. height
1111RED	0.5-1.5 mm ²	Yes	6.3x0.8mm				
111RED	0.5-1.5 mm ²	No	6.3x0.8mm	6.3mm	21.5mm	Ø 3.6mm	10.0mm
187RED	0.5-1.5 mm ²	No	4.2x0.8mm	4.8mm	22.0mm	Ø 4.7mm	10.5mm
540RED	0.5-1.5 mm ²	No	6.3x0.8mm	6.3mm	22.0mm	Ø 4.7mm	10.5mm
940RED	0.5-1.5 mm ²	Yes	2.8x0.5mm	2.8mm	22.0mm	Ø 4.7mm	10.5mm
1211BLU	1.5-2.5 mm ²		6.3x0.8mm	6.3mm	21.5mm	Ø 3.6mm	10.0mm
211BLU	1.5-2.5 mm ²	No	6.3x0.8mm	6.3mm	21.5mm	Ø 4.4mm	10.0mm
740BLU	1.5-2.5 mm ²	Yes	6.3x0.8mm	6.3mm	22.5mm	Ø 4.9mm	11.0mm
287BLU	1.5-2.5 mm ²	Yes	4.2x0.8mm	4.8mm	22.5mm	Ø 4.9mm	11.0mm
350YLW	4-6 mm ²	No	6.3x0.8mm	6.3mm	21.5mm	Ø 5.4mm	10.0mm
840YLW	4-6 mm ²	Yes	6.3x0.8mm	6.3mm	24.5mm	Ø 6.5mm	14.0mm
1350YLW	4-6 mm ²		6.3x0.8mm				
187NRED	0.5-1.5 mm ²	No	4.2x0.8mm	4.8mm	22.0mm	Ø 4.7mm	10.5mm
287NBLU	1.5-2.5 mm ²	Yes	4.2x0.8mm	4.8mm	22.5mm	Ø 4.9mm	11.0mm
540NRED	0.5-1.5 mm ²	No	6.3x0.8mm	6.3mm	22.0mm	Ø 4.7mm	10.5mm
740NBLU	1.5-2.5 mm ²	Yes	6.3x0.8mm	6.3mm	22.5mm	Ø 4.9mm	11.0mm
840NYLW	4-6 mm ²	Yes	6.3x0.8mm	6.3mm	24.5mm	Ø 6.5mm	14.0mm
940NRED	0.5-1.5 mm ²	Yes	2.8x0.5mm	2.8mm	22.0mm	Ø 3.6mm	10.5mm



Ring terminals (1/2)

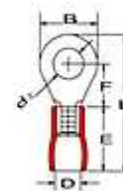
Insulation material: PVC Pipe.

Max. Electrical Rating: 600 Volts 75°C

N = nylon insulated

Without N = vinyl insulated

These terminals are according to UL94V0.



Article	Wire range	Tabsize	Length	Diameter	Insulation height	Diameter D2
100RED	0.5-1.5 mm ²	5.5mm	17.5 mm	Ø 4.3mm	10.5mm	Ø 3.7mm
201BLU	1.5-2.5 mm ²	5.5mm	20.6 mm	Ø 4.3mm	10.5mm	Ø 3.7mm
220BLU	1.5-2.5 mm ²	13.7mm	31.9 mm	Ø 6.7mm	11.0mm	Ø 12.0mm
320NYLW	4-6 mm ²	19.2mm	39.6 mm	Ø 6.6mm	14.0mm	Ø 13.0mm
320YLW	4-6 mm ²	19.2mm	39.6 mm	Ø 6.7mm	14.0mm	Ø 12.0mm
530RED	0.5-1.5 mm ²	5.5mm	17.5 mm	Ø 4.3mm	10.5mm	Ø 3.7mm
531RED	0.5-1.5 mm ²	11.6mm	27.6 mm	Ø 4.3mm	10.5mm	Ø 6.4mm
532RED	0.5-1.5 mm ²	11.6mm	27.6 mm	Ø 4.3mm	10.5mm	Ø 8.4mm
533RED	0.5-1.5 mm ²	13.7mm	31.5 mm	Ø 4.3mm	10.5mm	Ø 10.5mm
534RED	0.5-1.5 mm ²	13.7mm	31.5 mm	Ø 4.3mm	10.5mm	Ø 12.0mm
535RED	0.5-1.5 mm ²	8.0mm	21.7 mm	Ø 4.3mm	10.5mm	Ø 4.3mm
556RED	0.5-1.5 mm ²	5.5mm	17.5 mm	Ø 4.3mm	10.5mm	Ø 3.2mm
557RED	0.5-1.5 mm ²	8.0mm	21.7 mm	Ø 4.3mm	10.5mm	Ø 3.7mm
633RED	0.5-1.5 mm ²	5.5mm	17.5 mm	Ø 4.3mm	10.5mm	Ø 3.2mm
634NRED	0.5-1.5 mm ²	6.6mm	20.4 mm	Ø 4.1mm	10.5mm	Ø 4.3mm
634RED	0.5-1.5 mm ²	8.0mm	21.7 mm	Ø 4.3mm	10.5mm	Ø 4.3mm
635NRED	0.5-1.5 mm ²	8.0mm	21.8 mm	Ø 4.1mm	10.5mm	Ø 5.3mm
635RED	0.5-1.5 mm ²	8.0mm	21.7 mm	Ø 4.3mm	10.5mm	Ø 5.3mm
636NRED	0.5-1.5 mm ²	11.6mm	27.5 mm	Ø 4.1mm	10.5mm	Ø 6.4mm
636RED	0.5-1.5 mm ²	11.6mm	27.6 mm	Ø 4.3mm	10.5mm	Ø 6.4mm
638NRED	0.5-1.5 mm ²	11.6mm	27.5 mm	Ø 4.1mm	10.5mm	Ø 8.4mm
638RED	0.5-1.5 mm ²	11.6mm	27.6 mm	Ø 4.3mm	10.5mm	Ø 8.4mm
640NRED	0.5-1.5 mm ²	13.7mm	31.5 mm	Ø 4.3mm	10.5mm	Ø 10.5mm
640RED	0.5-1.5 mm ²	13.7mm	31.5 mm	Ø 4.3mm	10.5mm	Ø 10.5mm



Ring terminals (2/2)

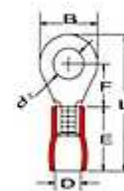
Insulation material: PVC Pipe.

Max. Electrical Rating: 600 Volts 75°C

N = nylon insulated

Without N = vinyl insulated

These terminals are according to UL94V0.



Article	Wire range	Tabsize	Length	Diameter	Insulation height	Diameter D2
652RED	0.5-1.5 mm ²	13.7mm	31.5 mm	Ø 4.3mm	10.5mm	Ø 12.0mm
653BLU	1.5-2.5 mm ²	8.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 3.2mm
654BLU	1.5-2.5 mm ²	8.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 4.3mm
654NBLU	1.5-2.5 mm ²	8.5mm	23.0 mm	Ø 4.5mm	11.0mm	Ø 4.3mm
655BLU	1.5-2.5 mm ²	9.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 5.3mm
655NBLU	1.5-2.5 mm ²	9.5mm	22.9 mm	Ø 4.5mm	11.0mm	Ø 5.3mm
656BLU	1.5-2.5 mm ²	12.0mm	28.1 mm	Ø 4.9mm	11.0mm	Ø 6.4mm
656NBLU	1.5-2.5 mm ²	12.0mm	28.0 mm	Ø 4.5mm	11.0mm	Ø 6.4mm
658BLU	1.5-2.5 mm ²	12.0mm	28.1 mm	Ø 4.9mm	11.0mm	Ø 8.4mm
658NBLU	1.5-2.5 mm ²	12.0mm	28.0 mm	Ø 4.5mm	11.0mm	Ø 8.4mm
660BLU	1.5-2.5 mm ²	13.7mm	31.9 mm	Ø 4.9mm	11.0mm	Ø 10.5mm
660NBLU	1.5-2.5 mm ²	13.6mm	31.7 mm	Ø 4.5mm	11.0mm	Ø 10.5mm
674NYLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.6mm	14.0mm	Ø 4.3mm
674YLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.7mm	14.0mm	Ø 4.3mm
675NYLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.6mm	14.0mm	Ø 4.3mm
675YLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.7mm	14.0mm	Ø 5.3mm
676NYLW	4-6 mm ²	12.0mm	32.7 mm	Ø 6.6mm	14.0mm	Ø 6.4mm
676YLW	4-6 mm ²	12.0mm	32.7 mm	Ø 6.7mm	14.0mm	Ø 6.4mm
678NYLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.6mm	14.0mm	Ø 8.4mm
678YLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.7mm	14.0mm	Ø 8.4mm
680NYLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.6mm	14.0mm	Ø 10.5mm
680YLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.7mm	14.0mm	Ø 10.5mm

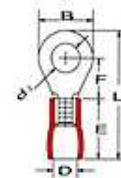


Ring antivibration terminals

Insulation material: PVC Pipe.
 Max. Electrical Rating: 600 Volts 75°C

These terminals are according to UL94V0.

The Anti Vibration Insert is an extra bus in the terminal which gives the terminal more grip on the copper wires of the cable.



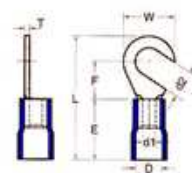
Article	Wire range	Tabsize	Length	Diameter	Insulation height	Diameter D2
524YLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.7mm	14.0mm	Ø 4.3mm
525YLW	4-6 mm ²	19.2mm	39.6 mm	Ø 6.7mm	14.0mm	Ø 12.0mm
526BLU	1.5-2.5 mm ²	6.6mm	20.6 mm	Ø 4.9mm	11.0mm	Ø 3.7mm
527BLU	1.5-2.5 mm ²	12.0mm	28.1 mm	Ø 4.9mm	11.0mm	Ø 8.4mm
528BLU	1.5-2.5 mm ²	13.7mm	28.1 mm	Ø 4.9mm	11.0mm	Ø 10.5mm
529BLU	1.5-2.5 mm ²	13.7mm	31.9 mm	Ø 6.7mm	11.0mm	Ø 12.0mm
536BLU	1.5-2.5 mm ²	8.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 4.3mm
537BLU	1.5-2.5 mm ²	9.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 5.3mm
538YLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.7mm	14.0mm	Ø 5.3mm
539YLW	4-6 mm ²	12.0mm	32.7 mm	Ø 6.7mm	14.0mm	Ø 6.4mm
554YLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.7mm	14.0mm	Ø 10.5mm
558BLU	1.5-2.5 mm ²	8.5mm	23.0 mm	Ø 4.9mm	11.0mm	Ø 3.2mm
560BLU	1.5-2.5 mm ²	12.0mm	28.1 mm	Ø 4.9mm	11.0mm	Ø 6.4mm
563YLW	4-6 mm ²	15.0mm	34.9 mm	Ø 6.7mm	14.0mm	Ø 8.4mm



Hookterminals

Insulation material: PVC Pipe.
 Max. Electrical Rating: 600 Volts 75°C
 No antivibration
 Vinyl insulated

These terminals are according to UL94V0.



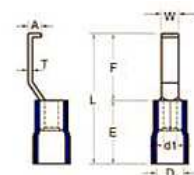
Article	Wire range	Tabsize	Lenght	Diameter	Insulation height	Diameter D2
237BLU	1.5-2.5 mm ²	8.5mm	21.8 mm	Ø 4.5mm	10.0mm	Ø 3.7mm
238BLU	1.5-2.5 mm ²	8.5mm	21.8 mm	Ø 4.5mm	10.0mm	Ø 4.3mm
239BLU	1.5-2.5 mm ²	9.5mm	21.8 mm	Ø 4.5mm	10.0mm	Ø 5.3mm
257YLW	4-6 mm ²	7.2mm	22.7 mm	Ø 6.3mm	13.0mm	Ø 3.7mm
258YLW	4-6 mm ²	9.5mm	26.8 mm	Ø 6.3mm	13.0mm	Ø 4.3mm
259YLW	4-6 mm ²	9.5mm	26.7 mm	Ø 6.3mm	13.0mm	Ø 5.3mm



Lipped blade terminals

Insulation material: PVC Pipe.
 Max. Electrical Rating: 600 Volts 75°C
 Vinyl insulated

These terminals are according to UL94V0



Article	Wire range	Terminal Size	Tabsize	Lenght	Diameter D	Insulation height
123RED	0.5-1.5 mm ²	16.8mm	3.0mm	27.2 mm	Ø 4.0mm	10.0mm
124RED	0.5-1.5 mm ²	16.8mm	4.6mm	27.2 mm	Ø 4.0mm	10.0mm
233BLU	1.5-2.5 mm ²	16.8mm	3.0mm	27.2 mm	Ø 4.5mm	10.0mm
234BLU	1.5-2.5 mm ²	16.8mm	4.6mm	27.2 mm	Ø 4.5mm	10.0mm
252YLW	4-6 mm ²	17.2mm	3.0mm	30.2 mm	Ø 6.3mm	13.0mm
253YLW	4-6 mm ²	17.2mm	4.6mm	30.2 mm	Ø 6.3mm	13.0mm



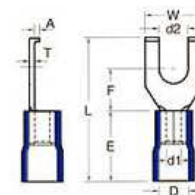
Lipped fork terminals

Insulation material: PVC Pipe.

Max. Electrical Rating: 600 Volts 75°C

These terminals are according to UL94V0.

553BLU = with copper anti-vibration insert



Article	Wire range	Tabsize	Length	Diameter	Insulation height	Diameter D2
125RED	0.5-1.5 mm ²	8.5mm	24.5 mm	Ø 4.0mm	10.0mm	Ø 3.7mm
126RED	0.5-1.5 mm ²	7.5mm	19.0 mm	Ø 4.0mm	10.0mm	Ø 4.3mm
127RED	0.5-1.5 mm ²	7.5mm	19.0 mm	Ø 4.0mm	10.0mm	Ø 5.3mm
235BLU	1.5-2.5 mm ²	7.5mm	19.5 mm	Ø 4.5mm	10.0mm	Ø 4.3mm
236BLU	1.5-2.5 mm ²	7.5mm	19.5 mm	Ø 4.5mm	10.0mm	Ø 5.3mm
242BLU	1.5-2.5 mm ²	7.5mm	19.5 mm	Ø 4.5mm	10.0mm	Ø 3.7mm
553BLU	1.5-2.5 mm ²	7.5mm	19.5 mm	Ø 4.5mm	10.0mm	Ø 5.3mm
254YLW	4-6 mm ²	8.5mm	27.0 mm	Ø 6.3mm	13.0mm	Ø 3.7mm
255YLW	4-6 mm ²	8.5mm	27.0 mm	Ø 6.3mm	13.0mm	Ø 4.3mm
256YLW	4-6 mm ²	8.5mm	27.0 mm	Ø 6.3mm	13.0mm	Ø 5.3mm



Mini terminals

Insulation Material: Polyamide (NYLON)

Max.electrical rating: 600 Volts 105 C.

DIN wire range: 0.1-0.5mm²

These terminals are according to UL94V02

Article	Temp rating	Diameter	Length
NTB05	105 degrees	3.0 Ømm	20.0 mm
NTP05	105 degrees	3.0 Ømm	12.0 mm
NTPI059	105 degrees	3.0 Ømm	
NTR205	105 degrees	2.0 Ømm	
NTR2505	105 degrees	2.5 Ømm	
NTR305	105 degrees	3.0 Ømm	
NTR3505	105 degrees	3.5 Ømm	
NTR405	105 degrees	4.0 Ømm	
NTR505	105 degrees	5.0 Ømm	
NTS205	105 degrees	2.0 Ømm	
NTS305	105 degrees	3.0 Ømm	
NTS3505	105 degrees	3.5 Ømm	
NTS405	105 degrees	4.0 Ømm	
NTS505	105 degrees	5.0 Ømm	



Piggyback terminals

Insulation Material: Polyamide (NYLON)

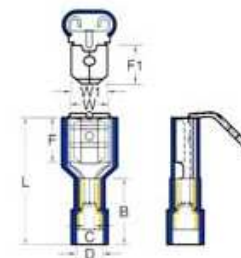
Max. Electrical Rating: 300 Volts 105 C.

N = nylon insulated

Without N = vinyl insulated

WIRE EASY ENTRY COPPER SLEEVE

These terminals are according to UL94V02.



Article	Wire range	Terminal size	Tabsize	Length	Diameter	Insulation height
1561NRED	0.5-1.5 mm ²	6.3x0.8mm	6.5mm	21.5 mm	Ø 4.7mm	11.0mm
1562NBLU	1.5-2.5 mm ²	6.3x0.8mm	6.5mm	21.5 mm	Ø 4.7mm	11.0mm
378NYLW	4-6 mm ²	6.3x0.8mm	6.5mm	26.0 mm	Ø 5.4mm	14.0mm
561NRED	0.5-1.5 mm ²	6.3x0.8mm	6.5mm	22.5 mm	Ø 3.6mm	10.5mm
562NBLU	1.5-2.5 mm ²	6.3x0.8mm	6.5mm	23.0 mm	Ø 4.3mm	11.0mm
110RED	0.5-1.5 mm ²	6.3x0.8mm	6.5mm	22.0 mm	Ø 3.6mm	10.0mm
210BLU	1.5-2.5 mm ²	6.3x0.8mm	6.5mm	22.0 mm	Ø 4.3mm	10.0mm
378YLW	4-6 mm ²	6.3x0.8mm	6.5mm	24.0 mm	Ø 5.4mm	24.0mm
561RED	0.5-1.5 mm ²	6.3x0.8mm	6.5mm	22.0 mm	Ø 3.6mm	10.0mm
562BLU	1.5-2.5 mm ²	6.3x0.8mm	6.5mm	22.0 mm	Ø 3.6mm	10.0mm



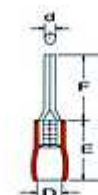
Pin terminals

Insulation material: PVC Pipe.

Max. Electrical Rating: 600 Volts 75°C

564BLU = with copper anti-vibration insert.

These terminals are according to UL94V0.



Article	Wire range	Length	Diameter	Insulation height	Diameter D2
564BLU	1.5-2.5 mm ²	19.8 mm	Ø 4.5mm	10.0mm	Ø 1.9mm
566/12RED	0.5-1.5 mm ²	21.8 mm	Ø 4.0mm	10.0mm	Ø 2.0mm
566/13RED	0.5-1.5 mm ²	22.8 mm	Ø 4.0mm	10.0mm	Ø 1.9mm
566RED	0.5-1.5 mm ²	19.8 mm	Ø 4.0mm	10.0mm	Ø 1.9mm
621/12BLU	1.5-2.5 mm ²	21.8 mm	Ø 4.5mm	10.0mm	Ø 1.9mm
621/13BLU	1.5-2.5 mm ²	22.8 mm	Ø 4.5mm	10.0mm	Ø 1.9mm
621BLU	1.5-2.5 mm ²	19.8 mm	Ø 4.5mm	10.0mm	Ø 1.9mm
622YLW	4-6 mm ²	13.5 mm	Ø 6.7mm	10.0mm	Ø 2.7mm



Window terminals

These terminals are according to UL94V02.

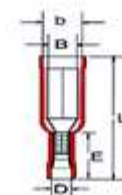
Article	Type insulation	Max work voltage	Temp rating
WBC545	Vinyl Insulated	300 Volt	75 degrees
WBC546	Vinyl Insulated	300 Volt	75 degrees
WBC551	Vinyl Insulated	300 Volt	75 degrees



Receptacle terminals

Insulation material: PVC Pipe.
Max. Electrical Rating: 300 Volts 75°C.
The Anti Vibration Insert is an extra bus in the terminal which gives the terminal more grip on the copper wires of the cable.
These terminals are according to UL94V0.

Article	Wire range	Tabsize	Length	Diameter	Insulation height	Diameter D2
1549BLU	1.5-2.5 mm ²	Ø 6.2mm	24.5mm	Ø 4.9mm	10.5mm	Ø 4.0mm
1549NBLU	1.5-2.5 mm ²	Ø 7.9mm	24.0mm	Ø 4.3mm	10.5mm	Ø 4.0mm
849NYLW	4-6 mm ²	Ø 7.9mm	27.0mm	Ø 5.7mm	13.0mm	
855NYLW	4-6 mm ²	Ø 7.9mm	27.0mm	Ø 5.7mm	13.0mm	

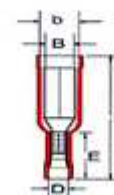


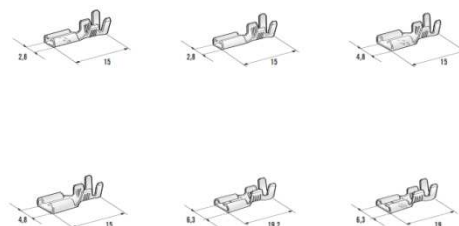
Receptacle bullet terminals

Insulation material: PVC Pipe.
Max. Electrical Rating: 300 Volts 75°C.
The Anti Vibration Insert is an extra bus in the terminal which gives the terminal more grip on the copper wires of the cable.

These terminals are according to UL94V0.

Article	Wire range	Anti vibration	Tabsize	Length	Diameter	Insulation height
548RED	0.5-1.5 mm ²	Yes	Ø 4.0mm	24.0 mm	Ø 4.7mm	10.5mm
549BLU	1.5-2.5 mm ²		Ø 5.0mm	24.5 mm	Ø 4.9mm	11.0mm
849YLW	4-6 mm ²		Ø 8.2mm	28.0 mm	Ø 6.5mm	14.0mm





Article	Material	Wire range	Barrel type	Lock	Tabsize	Length
3-1901	Brass Tin Plated	1.0 -2.5mm ²	O		5.0x0.8mm	
3-1951	Brass Tin Plated	1.5 -2.5mm ²	O	Yes	5.0mm	
3-4625	Tinned Brass	0.5 -1.5mm ²	U	No	2.8x0.8mm	25.0mm
3-4674	Tinned Brass	0.5 -1.5mm ²	O	No	2.8x0.8mm	24.0mm
3-6317	Brass	1.5 -2.5mm ²	O	Yes	6.3x0.8mm	28.0mm
3-6684	Tinned Brass	0.2 -0.5mm ²	U	No	4.8x0.8mm	25.0mm
3-6685/1	Tinned Brass	1.5 -2.5mm ²	U	No	4.8x0.8mm	25.0mm
3-6685/2	Tinned Brass	2.5 -6.0mm ²	O	No	4.8x0.8mm	25.0mm
3-6685	Tinned Brass	0.5 -1.5mm ²	U	No	4.8x0.8mm	25.0mm
3-8010	Copper Iron Tinplated	0.5 -1.5mm ²	O	No	3mm	22.3mm
3-8030	Copper Iron Tinplated	0.5 -1.5mm ²	O	No	2.8mm	25.3mm
3-8040	Copper Iron Tinplated	1.5 -2.5mm ²	O	No	4.8mm	
3-8060	Phos.Bronze Tinplated	0.5 -1.5mm ²	O	Yes	2.8mm	22.5mm
3-8280	Brass Tin Plated	0.5 -1.5mm ²	O	No	W2.8/L26.7/ H0.8mm	26.7mm
3-8290	Phos.Bronze Tinplated	0.5 -1.5mm ²	O	No	W2.8/L26.7/ H0.8mm	26.7mm
3-8300	Phos.Bronze Tinplated	1.5 -2.5mm ²	O	No	W2.8/L26.7/ H0.8mm	26.7mm
3-8420	Brass Tin Plated	0.2 -0.5mm ²	O	No	W2.8/L20.2/ H0.8mm	20.2mm



Article	Material	Wire range	Barrel type	Lock	Diameter	Tabsize	Contra male	Length
30-291	Brass	0.5 - 1.5mm ²	O	No		6.3x 0.8mm		19.7mm
30-291/1	Brass	1.5 - 2.5mm ²	O	No		6.3x 0.8mm		19.7mm
30-294	Brass	1.5 - 2.5mm ²	O	No	Ø4.0mm			17.8mm
30-294T	Tinned Brass	1.5 - 2.5mm ²	O	No	Ø4.0mm			17.8mm
3-1950	Brass Tin Plated	0.5 - 1.5mm ²	U	Yes		4.8x 0.8mm	3-1970	24.0mm
3-2010	Brass Tin Plated	0.5 - 1.5mm ²	U	No		2.8x 0.4mm	3-2000	27.0mm
3-2827	Tinned Brass	0.5 - 1.5mm ²	U	No		2.8x 0.8mm		19.0mm
3-2827/1	Tinned Brass	1.5 - 2.5mm ²	U	No				19.0mm
3-2911/1	Brass	1.5 - 2.5mm ²	O	Yes		6.3x 0.8mm	3-2922/1	28.0mm
3-2911/1PB	Brass	1.5 - 2.5mm ²	U	Yes		6.3x 0.8mm	3-2922/1PB	28.0mm
3-2911/2	Tinned Brass	2.5 - 6.0mm ²	O	Yes		6.3x 0.8mm	3-2922/2	28.0mm
3-2911PB	Brass	0.5 - 1.5mm ²	U	Yes		6.3x 0.8mm	3-2922PB	28.0mm



Article	Material	Wire range	Barrel type	Lock	Diameter	Tabsize	Contra male	Length
3-2911T	Tinned Brass	0.5 - 1.5mm ²	U	Yes		6.3x 0.8mm	3-2922T	28.0mm
3-2911T	Tinned Brass	0.5 - 1.5mm ²	U	Yes		6.3x 0.8mm	3-2922T	28.0mm
3-2924	Brass	0.5 - 1.5mm ²	U	Yes		2.8x 0.5mm	3-2923	22.0mm
3-2924T	Tinned Brass	0.5 - 1.5mm ²	U	Yes		2.8x 0.5mm	3-2923T	22.0mm
3-4500	Tinned Brass	1.5 - 2.5mm ²	U	No		2.8x 0.8mm	3-4510	32.7mm
3-5144	Brass	0.5 - 1.5mm ²	U	No		2.8x 0.8mm	3-2921	13.0mm
3-5285	Brass	2.5 - 6.0mm ²	U	No		6.3x 0.8mm	30-292/3	20.0mm
3-5355	Brass	0.5 - 1.5mm ²	U	No		2.8x 0.8mm	3-6313	18.0mm
30-316	Brass			No	Ø3.5mm	6.3x 0.8mm		19.0mm
30-317	Brass			No	Ø4.3mm	6.3x 0.8mm		19.0mm
30-318	Brass			No	Ø3.5mm	6.3x 0.8mm		34.0mm
30-319	Brass			No	Ø4.3mm	6.3x 0.8mm		34.0mm
30-320	Brass			No	Ø5.3mm	6.3x 0.8mm		34.0mm
3-1460	Brass				Ø3.5mm	6.3x 0.8mm		17.5mm
3-1480	Brass				Ø3.2mm	6.3x 0.8mm		18.6mm



Article	Material	Wire range	Barrel type	Contra part nr	Lock	Tabsize	Length
1202LT	Tinned Brass	1.5 -2.5mm ²	U		No	9.5x0.8mm	21.0mm
30-286	Tinned Brass					6.3x0.8mm	
30-292/1	Brass	0.5 -1.5mm ²	O	30-291/1	No	6.3x0.8mm	19.0mm
30-292/1T	Tinned Brass	0.5 -1.5mm ²	O	30-291/1	No	4.8x0.8mm	19.0mm
30-292/2	Brass	1.5 -2.5mm ²	U	30-291	No	6.3x0.8mm	19.2mm
30-292/2T	Tinned Brass	1.5 -2.5mm ²	U	30-291	No	6.3x0.8mm	19.2mm
30-292/2TO	Tinned Brass	1.5 -2.5mm ²	O		No	6.3x0.8mm	19.0mm
30-292/3	Brass	2.5 -6.0mm ²	U	3-5285	No	6.3x0.8mm	19.2mm
30-292/3T	Tinned Brass	2.5 -6.0mm ²	U	3-5285	No	6.3x0.8mm	19.2mm
30-293	Brass	1.5 -2.5mm ²	U		No	6.3x0.8mm	16.0mm
30-293/1	Brass	0.5 -1.5mm ²	U		No	6.3x0.8mm	16.0mm
30-295	Brass	1.5 -2.5mm ²	O		No		17.0mm
30-295T	Tinned Brass	1.5 -2.5mm ²	O		No		17.0mm
30-692	Tinned Brass	2.5 -6.0mm ²	O		No	9.5x1.2mm	27.5mm
30-799	Brass	1.5 -2.5mm ²	U		No	6.3x0.8mm	26.5mm
30-800	Brass	2.5 -6.0mm ²	U		No	6.3x0.8mm	26.5mm
30-851	Tinned Brass	0.5 -1.5mm ²	U		No	4.8x0.8mm	19.0mm
30-852	Tinned Brass	1.5 -2.5mm ²	O		No	4.8x0.8mm	19.0mm
3-1160	Tinned Brass	0.5 -1.5mm ²	U	3-1150	No	∅ 2.0mm	17.6mm
3-1210	Brass Tin Plated	0.5 -2.5mm ²	U	3-1200	No	∅ 2.0mm	20.0mm
3-1910	Brass	0.5-1.5mm ²	U	3-1950		5.0x0.8mm	
3-1940	Brass Tin Plated	0.5 -1.5mm ²	U	3-1950	Yes	5.0x0.8mm	15.0mm
3-1970	Phos.Bronze Tinplated	0.5 -1.5mm ²	U	3-1950	Yes	5.0x0.8mm	
3-1971	Phos.Bronze Tinplated	1.5 -2.5mm ²	U	3-1951	Yes	5.0x0.8mm	
3-1980	Phos.Bronze Tinplated	0.5 -1.5mm ²	U	3-1901	Yes	5.0x0.8mm	
3-1990	Phos. Bronze	0.5 -1.5mm ²					
3-2000	Tinned Brass	0.5 -1.5mm ²	O	3-2010	No	2.8x0,4mm	22.5mm
3-2050	Phos.Bronze Tinplated	2.5 -6.0mm ²	O		No	6,3x0,4mm	20.0mm



Article	Material	Wire range	Barrel type	Contra part nr	Lock	Tabsize	Length
3-2921	Tinned Brass	0.5 -1.5mm ²	U		No	2.8x0.8mm	14.4mm
3-2921/1	Brass	0.5 -1.5mm ²	U		Yes	2.8x0.5mm	14.4mm
3-2922/1	Brass	0.5 -1.5mm ²	O	3-2911	Yes	6.3x0.8mm	19.2mm
3-2922/1	Brass	1.5 -2.5mm ²	O	3-2911/1	Yes	6.3x0.8mm	19.2mm
3-2922/1PB	Tinned Brass	1.5 -2.5mm ²	U	3-2911/1PB	Yes	6.3x0.8mm	19.2mm
3-2922/1T	Tinned Brass	1.5 -2.5mm ²	O	3-2911/1T	Yes	6.3x0.8mm	19.2mm
3-2922/2	Brass	2.5 -6.0mm ²	U	3-2911/2	Yes	6.3x0.8mm	19.2mm
3-2922/2T	Tinned	2.5 -6.0mm ²	U	3-2911/2T	Yes	6.3x0.8mm	19.2mm
3-2922PB	Brass	0.5 -1.5mm ²	U	3-2911PB	Yes	6.3x0.8mm	19.2mm
3-2922T	Tinned Brass	0.5 -1.5mm ²	U	3-2911T	Yes	6.3x0.8mm	19.2mm
3-2922TO	Tinned Brass	0.5 -1.5mm ²	O	3-2911TO	Yes	6.3x0.8mm	19.2mm
3-2923	Brass	0.5 -1.5mm ²	U	3-2924	Yes	2.8x0.5mm	16.0mm
3-2923T	Tinned Brass	0.5 -1.5mm ²	U	3-2924T	Yes	2.8x0.5mm	16.0mm
3-2926	Brass	0.5 -1.5mm ²	U	3-5355	No	4.8x0.5mm	16.0mm
3-2926/1	Brass	0.5 -1.5mm ²	U	3-5355	No	4.8x0.5mm	16.0mm
3-3692	Tinned Brass	6.0-10.0mm ²	U		Yes	9.5x0.8mm	27.0mm
3-3716	Silver Plated	1.5 -2.5mm ²	U	30-291	No	6.3x0.8mm	20.0mm
3-4510	Tinned Brass	1.5 -2.5mm ²	U	3-4500	No	2.8x0.8mm	20.0mm
3-4636	Tinned Brass	0.5 -1.5mm ²	O		No	2.8mm	19.0mm
3-4647	Tinned Brass	1.5 -2.5mm ²	U		No	4.8x0.8mm	19.2mm
3-4664	Tinned Brass	0.2 -0.5mm ²	U		No	4.8mm	19.0mm
3-4665/2	Tinned Brass	2.5 -6.0mm ²	O		No	4.8mm	18.0mm
3-5560PS	Tinned Brass	0.5 -1.5mm ²	U	3-5550	No	1.5mm	19.0mm
3-6312	Tinned Brass	1.5 -2.5mm ²	O		Yes	4.8x0.5mm	16.0mm
3-6313	Tinned Brass	0.5 -1.5mm ²	U		Yes	4.8x0.8mm	16.0mm
3-6314	Brass	0.5 -1.5mm ²	O		No	4.8x0.5mm ²	15.0mm
3-6316	Brass	1.5 -2.5mm ²	O		Yes	6.3x0.8mm	19.2mm
3-6564	Tinned Brass	1.5 -2.5mm ²	U		Yes	9.5x1.2mm	26.0mm
3-6565	Tinned Brass	2.5 -6.0mm ²	U		Yes	9.5x1.2mm	26.0mm
3-6566	Tinned Brass	2.5 -6.0mm ²	U		Yes	9.5x1.2mm	26.0mm



Article	Material	Wire range	Barrel type	Contra part nr	Lock	Tabsize	Length
3-6570	Tinned Brass	0.5 -1.5mm ²	O		No		23.0mm
3-6570/1	Tinned Brass	1.5 -2.5mm ²	O		No		23.0mm
3-6981	Tinned Brass	1.5 -2.5mm ²	U	3-6988	No		20.0mm
3-7000	Tinned Brass	0.5 -1.5mm ²	U		No	6.3mm	22.3mm
3-7010	Tinned Brass	2.5 -6.0mm ²	U		No	6.3mm	22.3mm
3-7020	Tinned Brass	1.5 -2.5mm ²	U		No	6.3mm	19.0mm
3-7030	Tinned Brass	0.5 -1.5mm ²	U		No	6.3mm	21.0mm
3-7100	Brass	0.5 -1.5mm ²	U		No	3.2mm	29.3mm
3-7209	Tinned Brass	0.5 -1.5mm ²	U		No	2.8mm	18.8mm
3-7210	Tinned Brass	0.5 -1.5mm ²	U		No	2.8mm	18.7mm
3-7211	Tinned Brass	1.5 -2.5mm ²	U		No	2.8mm	18.7mm
3-7212	Tinned Brass	1.5 -2.5mm ²	O		No	2.8mm	18.8mm
3-7650	Tinned Brass	1.5 -2.5mm ²	O		No	10.3mm	35.0mm
3-7660	Tinned Brass	2.5 -6.0mm ²	O		No	10.3mm	35.0mm
3-7900	Tinned Brass	0.5 -1.5mm ²	U		No		20.9mm
3-7901	Tinned Brass	2.5 -6.0mm ²	U		No		20.9mm
3-8192	Tinned Brass	0.5 -1.5mm ²	U		No		
3-8194	Tinned Brass	0.5 -1.5mm ²	U		No		
3-8194/1	Tinned Brass	1.5 -2.5mm ²	U		No		21.0mm
3-8330	Copper Tinned	0.5 -1.5mm ²	U		No	4.3mm	21.0mm
3-8331	Copper Tinned	1.5 -2.5mm ²	U		No	4.3mm	19.8mm



Butt



Article	Material	Wire range	Lock	Tabsize	Length
30-401	Tinned	2.5 -6.0mm ²	No	6.3x0.8mm	26.0mm
30-404	Tinned	0.5 -1.5mm ²	No	6.3x0.8mm	50.0mm
30-406	Tinned	0.5 -1.5mm ²	No	6.3x0.8mm	54.0mm
30-565	Tinned	2.5 -6.0mm ²	No	6.3x0.8mm	27.8mm
SS2	PVC	Double socket Connector		Ø4.5mm	30.5mm
SS1	PVC	Single Socket Connector		Ø4.5mm	30.0mm



Pin

Article	Material	Wire range	Lock	Contra part nr	Diameter	Tabsize	Length
3-1150	Brass Tin Plated	0.5 - 1.5mm ²	No	3-1160		Ø 2.1mm	20.3mm
3-1230	Brass Tin Plated	0.5 - 1.5mm ²	No	3-1220		Ø1.5mm	29.0mm
3-5550	Tinned Brass	0.5 - 1.5mm ²	No	3-5560		1.5mm	22.7mm
3-6670	Tinned Brass	0.5 - 1.5mm ²	No		Ø2.5mm		29.0mm
3-6670/1	Tinned Brass	1.5 - 2.5mm ²	No		Ø2.5mm		29.0mm
3-6781	Tinned Brass	0.5 - 1.5mm ²	No		Ø1.5mm		
3-6782	Tinned Brass	0.5 - 1.5mm ²	No		Ø1.5mm		31.0mm
3-6782/1	Tinned Brass	1.5 - 2.5mm ²	No		Ø1.5mm		31.0mm
3-6988	Tinned Brass	1.5 - 2.5mm ²	No	3-6981	Ø1.6mm		29.0mm



Receptacle

Barreltype : U (easy entry) with no lock

Article	Material	Wire range	Contra part	Diameter	Tabsize	Length
3-1180	Copper Iron Tinplated	0.5 -1.5mm ²			Ø 2.15mm	
3-1200	Tinned Brass	0.5 -2.5mm ²	3-1210		Ø 2.0mm	20.0mm
3-1220	Tinned Brass	0.5 -1.5mm ²	3-1230		Ø 1.6mm	20.5mm
3-3712	Tinned Brass	0.5 -1.5mm ²	3-3713	Ø1.6mm		16.0mm
3-3714	Tinned Brass	0.5 -1.5mm ²	3-3715	Ø1.6mm		20.0mm
3-4636/1	Tinned Brass	1.5 -2.5mm ²			2.8mm	19.0mm
3-4665	Tinned Brass	0.5 -1.5mm ²			4.8mm	18.0mm
3-4665/1	Tinned Brass	1.5 -2.5mm ²			4.8mm	18.0mm
3-4707	Tinned Brass	0.5 -1.5mm ²	3-3706	Ø3.5mm		20.0mm
3-4708	Tinned Brass	1.5 -2.5mm ²	3-3705	Ø3.5mm		20.0mm
3-5500	Tinned Brass	0.5 -1.5mm ²	3-5510		1.5mm	16.4mm
3-5560	Tinned Brass	0.5 -1.5mm ²	3-5550		1.5mm	16.5mm
3-5600	Tinned Brass	0.5 -1.5mm ²			1.5mm	16.0mm
3-5610	Tinned Brass	0.5 -1.5mm ²			1.5mm	17.0mm
3-5650	Tinned Brass	0.5 -1.5mm ²			1.5mm	16.0mm
3-5706	Tinned Brass	1.5 -2.5mm ²	3-5522	Ø1.6mm		16.0mm
3-6012	Tinned Brass	2.5 -6.0mm ²	3-6014	Ø3.5mm		20.0mm



Stationary blades

No lock

Article	Material	Diameter	Tab size	Length
30-297	Brass	Ø2.4mm	6.3x0.8mm	21.0mm
30-298	Brass	Ø3.5mm	6.3x0.8mm	20.6mm
30-299	Brass	Ø2.4mm	2.8x0.5mm	7.1mm
30-300	Brass	Ø3.5mm	4.8x0.5mm	15.5mm
30-301	Brass	Ø4.3mm	4.8x0.5mm	15.5mm
30-302	Brass	Ø5.3mm	4.8x0.5mm	15.5mm
30-303	Brass	Ø4.3mm	6.3x0.8mm	26.5mm
30-304	Brass	Ø3.5mm	6.3x0.8mm	26.5mm
30-305	Brass	Ø4.3mm	6.3x0.8mm	26.5mm
30-306	Brass	Ø2.4mm	2.8x0.5mm	7.1mm
30-307	Brass	Ø3.5mm	4.8x0.5mm	10.9mm
30-308	Brass	Ø4.3mm	4.8x0.5mm	15.5mm
30-309	Brass	Ø5.3mm	4.8x0.5mm	10.9mm
30-310	Brass	Ø4.3mm	6.3x0.8mm	11.6mm
30-311	Brass	Ø3.5mm	6.3x0.8mm	12.1mm
30-312	Brass	Ø4.3mm	6.3x0.8mm	12.1mm
30-586	Brass		6.3x0.8mm	21.0mm



Ring

Article	Material	Wire range	Barrel type	Lock	Diameter
30-104	Brass	0.5 -1.5mm ²	U	No	Ø4.3mm
30-105	Brass	0.5 -1.5mm ²	U	No	Ø5.3mm
30-106	Brass	0.5 -1.5mm ²	U	No	Ø6.6mm
30-251	Brass	1.5 -2.5mm ²	U	No	Ø10.5mm
30-254	Brass	1.5 -2.5mm ²	U	No	Ø4.3mm
30-259	Brass	1.5 -2.5mm ²	U	No	Ø6.5mm
30-273	Brass	1.5 -2.5mm ²	U	No	Ø5.3mm



Piggyback

Article	Material	Wire range	Lock	Contra part nr	Tabsize	Length
30-289	Brass				6.3x0.8mm	
30-289/1	Brass	0.5 -1.5mm ²	No		6.3x0.8mm	20.0mm
30-289/2	Brass	1.5 -2.5mm ²	No		6.3x0.8mm	20.0mm
3-5139	Tinned Brass	0.5 -1.5mm ²	No	3-5355	4.8x0.8mm	17.0mm
3-5140	Tinned Brass	1.5 -2.5mm ²	No		4.8x0.8mm	17.0mm



Spark plug

Article	Material	Wire range	Tab size	Length	Degrees
IT103	Stainless steel	7mm ²	Ø 6.2mm	19.5mm	standard
IT105	Raw Brass	7mm ²			standard
IT111	Raw Brass	7mm ²	Ø 6.2mm	17.5mm	standard
IT118	Bríte Zinc Plated Steel	7mm ²	Ø 3.5mm	9.4mm	standard
IT28TS	Bríte zinc plated steel	7mm ²	Ø 4.1mm	10.2mm	standard
IT58	Tinned Steel	7mm ²			standard
IT117	Raw Brass	7mm ²	Ø 6.2mm	11.2mm	90 degrees
IT35	Raw Brass	7mm ²	Ø 8.3mm	30.5mm	90 degrees
IT8	Tinned Steel	7mm ²			90 degrees



Terminal taillamp

Article	Material	Wire range	Barrel type	Lock	Tab size
3-1850	Tinned Brass	1.5 -2.5mm ²	O	No	3.0mm
3-1920	Phos.Bronze Tinplated	1.5 -2.5mm ²	U	Yes	7.0mm



Fuseconnector

Article	Material	Wire range	Barrel type	Lock	Length
3-2693/1	Tinned Brass	1.5 -2.5mm ²	U (easy entry)	No	28.0mm
3-2693/2	Tinned Brass	2.5 -6.0mm ²	U (easy entry)	No	28.0mm



Flag tinned brass

Article	Wire range	Barrel type	Contra part nr	Lock	Tabsize	Length
3-1810	0.5 -1.5mm ²	U (easy entry)		No	4.4x10.5mm	
3-1930	0.5 -1.5mm ²	U (easy entry)		Yes	7.0mm	
3-5157	0.5 -1.5mm ²	U (easy entry)	3-5144	No	2.8x0.5mm	9.0mm



Hookterminal

Article	Material	Barrel type	Lock	Diameter	Tabsize	Length
30-287	Tinned Brass			Ø5.0mm	6.3x0.8mm	
30-288	Brass			Ø5.2mm	6.3x0.8mm	
30-290	Tinned Brass	U (easy entry)	No	Ø5.0mm	6.3x0.8mm	
3-2927	Tinned Brass			Ø5.0mm	6.3x0.8mm	12.0mm



Battery eyelett DIN

Article	Wire size	Cross sec eyelett	Length	M measurement	Tabs	Materials
1.25-3	0.5 -1.5mm ²	Ø 3.2mm	11.5mm	M3	0.75mm	Copper Tinned
1.25-4	0.5 -1.5mm ²	Ø 4.3mm	15.8mm	M4	0.75mm	Copper Tinned
1.25-5	0.5 -1.5mm ²	Ø 5.3mm	15.8mm	M5	0.75mm	Copper Tinned
1.25-6	0.5 -1.5mm ²	Ø 6.4mm	21.5mm	M6	0.75mm	Copper Tinned
1.25-8	0.5 -1.5mm ²	Ø 8.4mm	21.5mm	M8	0.75mm	Copper Tinned
1.25-M4	0.5 -1.5mm ²	Ø 4.3mm	14.4mm	M4	0.75mm	Copper Tinned
2-M4	1.5 -2.5mm ²	Ø 4.3mm	14.4mm	M4	0.8mm	Copper Tinned
2-M5	1.5 -2.5mm ²	Ø 5.3mm	16.8mm	M5	0.8mm	Copper Tinned
2-S3	1.5 -2.5mm ²	Ø 3.7mm	14.4mm	M3.5	0.8mm	Copper Tinned
DIN1010	10.0mm ²	Ø 10.5mm	21.0mm	M10	1.1mm	Copper Tinned
DIN105	10.0mm ²	Ø 6.4mm	16.0mm	M6	1.1mm	Copper Tinned
DIN106	10.0mm ²	Ø 6.4mm	17.0mm	M6	1.1mm	Copper Tinned
DIN108	10.0mm ²	Ø 8.4mm	20.0mm	M8	1.1mm	Copper Tinned
DIN1610	16.0mm ²	Ø 10.5mm	24.0mm	M10	1.2mm	Copper Tinned
DIN1612	16.0mm ²	Ø 12.4mm	26.0mm	M12	1.2mm	Copper Tinned
DIN165	16.0mm ²	Ø 5.3mm	20.0mm	M5	1.2mm	Copper Tinned
DIN166	16.0mm ²	Ø 6.4mm	20.0mm	M6	1.2mm	Copper Tinned
DIN168	16.0mm ²	Ø 8.4mm	22.0mm	M8	1.2mm	Copper Tinned
DIN2510	25.0mm ²	Ø 10.5mm	26.0mm	M10	1.5mm	Copper Tinned
DIN256	25.0mm ²	Ø 6.4mm	25.0mm	M6	1.5mm	Copper Tinned
DIN258	25.0mm ²	Ø 8.4mm	25.0mm	M8	1.5mm	Copper Tinned
DIN3510	35.0mm ²	Ø 10.5mm	27.0mm	M10	1.6mm	Copper Tinned
DIN3512	35.0mm ²	Ø 12.4mm	31.0mm	M12	1.6mm	Copper Tinned
DIN356	35.0mm ²	Ø 6.4mm	26.0mm	M6	1.6mm	Copper Tinned
DIN358	35.0mm ²	Ø 8.4mm	26.0mm	M8	1.6mm	Copper Tinned
DIN5010	50.0mm ²	Ø 10.5mm	34.0mm	M10	1.8mm	Copper Tinned
DIN5012	50.0mm ²	Ø 12.4mm	36.0mm	M12	1.8mm	Copper Tinned
DIN508	50.0mm ²	Ø 8.4mm	34.0mm	M8	1.8mm	Copper Tinned
DIN610	4.0 -6.0mm ²	Ø 10.5mm	21.0mm	M10	1.0mm	Copper Tinned
DIN64	4.0 -6.0mm ²	Ø 4.3mm	14.0mm	M4	1.0mm	Copper Tinned
DIN65	4.0 -6.0mm ²	Ø 5.3mm	15.0mm	M5	1.0mm	Copper Tinned
DIN66	4.0 -6.0mm ²	Ø 6.4mm	16.0mm	M6	1.0mm	Copper Tinned
DIN68	4.0 -6.0mm ²	Ø 8.4mm	19.0mm	M8	1.0mm	Copper Tinned
GC356	35.0mm ²	Ø 6.4mm	26.0mm	M6	1.6mm	Copper Tinned
DIN7010	70.0mm ²	Ø 10.5mm	38.0mm	M10	2.0mm	Copper Tinned
DIN7012	70.0mm ²	Ø 12.4mm	38.0mm	M12	2.0mm	Copper Tinned
DIN708	70.0mm ²	Ø 8.4mm	38.0mm	M8	2.0mm	Copper Tinned
DIN9512	95.0mm ²	Ø 12.4mm	42.0mm	M12	2.5mm	Copper Tinned



Battery eyelett tube

Article	Wire size	Cross sec	eyelett	Length	M measurement	Operational degrees	Materials
TT1.5-6	1.5mm ²	Ø 6.4mm	14.5mm	M6		90°C	Copper Tinned
TT1010	10.0mm ²	Ø 10.5mm	41.0mm	M10		90°C	Copper Tinned
TT1012	10.0mm ²	Ø 12.4mm	41.0mm	M12		90°C	Copper Tinned
TT105	10.0mm ²	Ø 5.3mm	29.0mm	M5		90°C	Copper Tinned
TT106R	10.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT106	10.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT108R	10.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT108	10.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT12010	120.0mm ²	Ø 10.5mm	72.0mm	M10		90°C	Copper Tinned
TT12012	120.0mm ²	Ø 12.4mm	72.0mm	M12		90°C	Copper Tinned
TT12016	120.0mm ²	Ø 16.5mm	72.0mm	M16		90°C	Copper Tinned
TT15010	150.0mm ²	Ø 10.5mm	74.0mm	M10		90°C	Copper Tinned
TT15012	150.0mm ²	Ø 12.4mm	74.0mm	M12		90°C	Copper Tinned
TT1610	16.0mm ²	Ø 10.5mm	42.0mm	M10		90°C	Copper Tinned
TT1612	16.0mm ²	Ø 12.4mm	42.0mm	M12		90°C	Copper Tinned
TT165	16.0mm ²	Ø 5.3mm	29.0mm	M5		90°C	Copper Tinned
TT166	16.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT168	16.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT2.5-4	2.5mm ²	Ø 4.2mm	20.0mm	M4		90°C	Copper Tinned
TT2.5-5	2.5mm ²	Ø 5.3mm	21.0mm	M5		90°C	Copper Tinned
TT2.5-6	2.5mm ²	Ø 6.4mm	23.0mm	M6		90°C	Copper Tinned
TT2.5-8	2.5mm ²	Ø 8.4mm	23.0mm	M8		90°C	Copper Tinned
TT2510R	25.0mm ²	Ø 10.5mm	47.0mm	M10		90°C	Copper Tinned
TT2510	25.0mm ²	Ø 10.5mm	47.0mm	M10		90°C	Copper Tinned
TT2512	25.0mm ²	Ø 12.4mm	47.0mm	M12		90°C	Copper Tinned
TT255	25.0mm ²	Ø 5.3mm	42.0mm	M5		90°C	Copper Tinned
TT256R	25.0mm ²	Ø 6.4mm	42.0mm	M6		90°C	Copper Tinned
TT256	25.0mm ²	Ø 6.4mm	42.0mm	M6		90°C	Copper Tinned
TT258R	25.0mm ²	Ø 8.4mm	42.0mm	M8		90°C	Copper Tinned
TT258	25.0mm ²	Ø 8.4mm	42.0mm	M8		90°C	Copper Tinned

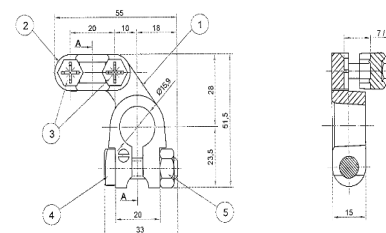


Battery eyelett tube

Article	Wire size	Cross sec eyelett Length	For bolt	Operational degrees	Materials
TT3510R	35.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT3510	35.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT3512	35.0mm ²	Ø 12.4mm 48.0mm	M12	90°C	Copper Tinned
TT356R	35.0mm ²	Ø 6.4mm 43.0mm	M6	90°C	Copper Tinned
TT356	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT358R	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT358	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT4-5	4.0mm ²	Ø 5.3mm 23.0mm	M5	90°C	Copper Tinned
TT4-6	4.0mm ²	Ø 6.4mm 25.0mm	M6	90°C	Copper Tinned
TT4-8	4.0mm ²	Ø 8.4mm 27.0mm	M8	90°C	Copper Tinned
TT5010R	50.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT5010	50.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT5012	50.0mm ²	Ø 12.4mm 52.0mm	M12	90°C	Copper Tinned
TT5014	50.0mm ²	Ø 14.0mm 52.0mm	M14	90°C	Copper Tinned
TT506	50.0mm ²	Ø 6.4mm 48.0mm	M6	90°C	Copper Tinned
TT508R	50.0mm ²	Ø 8.4mm 48.0mm	M8	90°C	Copper Tinned
TT508	50.0mm ²	Ø 8.4mm 48.0mm	M8	90°C	Copper Tinned
TT6-10	6.0mm ²	Ø 10.5mm 30.0mm	M10	90°C	Copper Tinned
TT6-5	6.0mm ²	Ø 5.3mm 23.0mm	M5	90°C	Copper Tinned
TT6-6	6.0mm ²	Ø 6.4mm 24.0mm	M6	90°C	Copper Tinned
TT6-8	6.0mm ²	Ø 8.4mm 26.0mm	M8	90°C	Copper Tinned
TT7010R	70.0mm ²	Ø 10.5mm 54.0mm	M10	90°C	Copper Tinned
TT7010	70.0mm ²	Ø 10.5mm 54.0mm	M10	90°C	Copper Tinned
TT7012R	70.0mm ²	Ø 12.4mm 54.0mm	M12	90°C	Copper Tinned
TT7012	70.0mm ²	Ø 12.4mm 54.0mm	M12	90°C	Copper Tinned
TT7014	70.0mm ²	Ø 14.0mm 63.0mm	M14	90°C	Copper Tinned
TT7016	70.0mm ²	Ø 16.5mm 63.0mm	M16	90°C	Copper Tinned
TT708	70.0mm ²	Ø 8.4mm 50.0mm	M8	90°C	Copper Tinned
TT9510	95.0mm ²	Ø 10.5mm 60.0mm	M10	90°C	Copper Tinned
TT9512	95.0mm ²	Ø 12.4mm 60.0mm	M12	90°C	Copper Tinned
TT9516	95.0mm ²	Ø 16.5mm 67.0mm	M16	90°C	Copper Tinned
TT958	95.0mm ²	Ø 8.4mm 60.0mm	M8	90°C	Copper Tinned
TT1610R	16.0mm ²	Ø 10.5mm 42.0mm	M10	90°C	Copper Tinned
TT166R	16.0mm ²	Ø 6.4mm 29.0mm	M6	90°C	Copper Tinned



B122NT



Article	Pole	Cross section	Bolt type	Material	Type
B116/70P	+	70.0mm ²	Side screw	Tin plated	Normal
B117/70N	-	70.0mm ²	Side screw	Tin plated	Normal
B121NHDT	-	16.0-35.0mm ²	Angle screw	Tin plated	Heavy Duty
B121NHD	-	16.0-35.0mm ²	Angle screw	Brass	Heavy Duty
B121NT	-	16.0-35.0mm ²	Angle screw	Tin plated	Normal
B121N	-	16.0-35.0mm ²	Angle screw	Brass	Normal
B121PHDT	+	16.0-35.0mm ²	Angle screw	Tin plated	Heavy Duty
B121PHD	+	16.0-35.0mm ²	Angle screw	Brass	Heavy Duty
B121PT	+	16.0-35.0mm ²	Angle screw	Tin plated	Normal
B121P	+	16.0-35.0mm ²	Angle screw	Brass	Normal
B122NT	-	50.0-70.0mm ²	Angle screw	Tin plated	Normal
B122N	-	50.0-70.0mm ²	Angle screw	Brass	Normal
B122PT	+	50.0-70.0mm ²	Angle screw	Tin plated	Normal
B122P	+	50.0-70.0mm ²	Angle screw	Brass	Normal
B123NM12	-		M12	Tin plated	Normal
B123N	-		M10	Tin plated	Normal
B123PM10	+		M10	Tin plated	Normal
B123P	+		M12	Tin plated	Normal
B124N-10	-		M10	Tin Plated	Normal
B124N-8	-		M8	Tin Plated	Normal
B124P-10	+		M10	Tin Plated	Normal
B124P-12	+		M12	Tin Plated	Normal
B124P-8	+		M8	Tin Plated	Normal
B125N-8	-		M8	Tin Plated	Normal
B125P-8	+		M8	Tin Plated	Normal
B151P	+	10.0-16.0mm ²	Crimp	Tin Plated	Normal
B152N	-	10.0-16.0mm ²	Crimp	Tin Plated	Normal
B156N	-	16.0-35.0mm ²	Ø 12.5mm	Tin Plated	Normal
B156P	+	16.0-35.0mm ²	Ø 14.0mm	Tin Plated	Normal
B159N	-	50.0-70.0mm ²	Angle screw	Tin Plated	Normal
B159P	+	50.0-70.0mm ²	Angle screw	Tin Plated	Normal



Battery terminals

Article	Pole	Cross section	Bolt type	Material	Extra info	Type
B160N	-	50.0-70.0mm ²	Screw connection	Tin Plated	Screw connection for two cables	Normal
B160P	+	50.0-70.0mm ²	Screw connection	Tin Plated	Screw connection for two cables	Normal
B161N	-		M8	Steel Zinc Plated	Ø 8.0mm	Normal
B161P	+		M8	Steel Zinc Plated	Ø 8.0mm	Normal
B162N	-		M8	Brass	Ø 8.0mm Wingnut	Normal
B162P/M8	+		M8	Brass	Ø 8.0mm Wingnut	Normal
B162P	+		M10	Brass	Ø 10.0mm Wingnut	Normal
B163N	-		Ford	Brass	Ford	Normal
B163P	+		Ford	Brass	Ford	Normal
B164N	-	16.0-35.0mm ²	Screw connection	Brass	Screw connection	Normal
B164P	+	16.0-35.0mm ²	Screw connection	Brass	Screw connection	Normal
B165N	-	50.0-70.0mm ²	Screw connection	Brass	Screw connection	Normal
B165P	+	50.0-70.0mm ²	Screw connection	Brass	Screw connection	Normal
B167N	-	35.0mm ²	Quick release	Copper-Zinc/Polypropylene	Quick release bolt connection	Normal
B166P	+	35.0mm ²	Quick release	Copper-Zinc/Polypropylene	Quick release bolt connection	Normal
B3/35P	+	35.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B32/50P	+	50.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B33/50N	-	50.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B3534						Normal
B4/35N	-	35.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B69/16P	+	16.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/25P	+	25.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/35P	+	35.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/50P	+	50.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/70P	+	70.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/16N	-	16.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/25N	-	25.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/35N	-	35.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/50N	-	50.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/70N	-	70.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B73	+	16.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B74	-	16.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B75	+	35.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B76	-	35.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B77	+	25.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B78	-	25.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B81	+	50.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B82	-	50.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B83	+	70.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B84	-	70.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
VERLOOP SET	+ / -		Bushe	Brass Lead Plated	Bushe Japanese	Normal



D din

Article	Color	Wire range	Lenght	Pin lenght	Front
CED060	Yellow	6.0mm ²	20.0mm	12.0mm	ø 3.5mm
CED075	Grey	0.75mm ²	14.0mm	8.0mm	ø 1.2mm
CED100	Red	10.0mm ²	22.0mm	12.0mm	ø 4.5mm
CED160	Blue	16.0mm ²	24.0 mm	12.0mm	ø 5.8mm
CED250	Yellow	25.0mm ²	28.0 mm	16.0mm	ø 7.3mm



T french

Article	Color	Wire range	Lenght	Pin lenght	Front
CET0025	Purple	0.25mm ²	10.0mm	6.0mm	ø 0.75mm
CET0034	Pink	0.34mm ²	10.0mm	6.0mm	ø 0.8mm
CET005	White	0.5mm ²	14.0mm	8.0mm	ø 1.0mm
CET010	Red	1.0mm ²	14.0mm	8.0mm	ø 1.4mm
CET015	Black	1.5mm ²	14.0mm	8.0mm	ø 1.7mm
CET025	Grey	2.5mm ²	14.0mm	8.0mm	ø 2.2mm
CET040	Orange	4.0mm ²	17.0mm	10.0mm	ø 2.8mm
CET060	Green	6.0mm ²	20.0mm	12.0mm	ø 3.5mm
CET075	Blue	0.75mm ²	14.0mm	8.0mm	ø 1.2mm
CET100	Brown	10.0mm ²	22.0mm	12.0mm	ø 4.5mm
CET160	Ivory	16.0mm ²	24.0mm	12.0mm	ø 5.8mm
CET250	Black	25.0mm ²	28.0mm	16.0mm	ø 7.3mm
CET350	Red	35.0mm ²	30.0mm	16.0mm	ø 8.3mm
CET500	Blue	50.0mm ²	36.0mm	20.0mm	ø 10.3mm



W german

Article	Color	Wire range	Lenght	Pin lenght	Front
CEW0025	Light Blue	0.25mm ²	10.0mm	6.0mm	Ø 0.75mm
CEW0034	Turquoise	0.34mm ²	10.0mm	6.0mm	Ø 0.8mm
CEW005	Orange	0.5mm ²	14.0mm	8.0mm	Ø 1.0mm
CEW010	Yellow	1.0mm ²	14.0mm	8.0mm	Ø 1.4mm
CEW015	Red	1.5mm ²	14.0mm	8.0mm	Ø 1.7mm
CEW025	Blue	2.5mm ²	14.0mm	8.0mm	Ø 2.2mm
CEW040	Grey	4.0mm ²	17.0mm	10.0mm	Ø 2.8mm
CEW060	Black	6.0mm ²	20.0mm	12.0mm	Ø 3.5mm
CEW075	White	0.75mm ²	14.0mm	8.0mm	Ø 1.2mm
CEW100	Ivory	10.0mm ²	22.0mm	12.0mm	Ø 4.5mm
CEW160	Green	16.0mm ²	24.0mm	12.0mm	Ø 5.8mm
CEW250	Brown	25.0mm ²	28.0mm	16.0mm	Ø 7.3mm
CEW350	Beige	35.0mm ²	30.0mm	16.0mm	Ø 8.3mm
CEW500	Olive	50.0mm ²	36.0mm	20.0mm	Ø 10.3mm



Twin types

Article	Color	Wire range	Lenght	Front	Temp rating
CETW400	Grey	2x4.0mm ²	23.0mm	12.0mm	Ø 3.7mm
CETW050	White	2x0.5mm ²	15.0mm	8.0mm	Ø 1.5mm
CETW075	Grey	2x0.75mm ²	15.0mm	8.0mm	Ø 1.8mm
CETW100	Red	2x1.0mm ²	15.0mm	8.0mm	Ø 2.0mm
CETW1000	Red	2x10.0mm ²	26.0mm	14.0mm	Ø 6.4mm
CETW150	Black	2x1.5mm ²	16.0mm	8.0mm	Ø 2.2mm
CETW1600	Blue	2x16.0mm ²	31.5mm		Ø 8.3mm
CETW250	Blue	2x2.5mm ²	18.5mm	10.0mm	Ø 2.8mm
CETW400	Grey	2x4.0mm ²	23.0mm	12.0mm	Ø 3.7mm
CETW600	Yellow	2x6.0mm ²	26.0mm	14.0mm	Ø 4.8mm



Article	Color	Wire range	Lenght	Front	Temp rating
CENI0025	Aluminium C1120	0.25mm ²	5.0mm	Ø 0.8mm	1000°C
CENI005	Aluminium C1120	0.5mm ²	10.0mm	Ø 1.0mm	1000°C
CENI010	Aluminium C1120	1.0mm ²	10.0mm	Ø 1.4mm	1000°C
CENI015	Aluminium C1120	1.5mm ²	10.0mm	Ø 1.7mm	1000°C
CENI025	Aluminium C1120	2.5mm ²	10.0mm	Ø 2.2mm	1000°C
CENI040	Aluminium C1120	4.0mm ²	12.0mm	Ø 2.8mm	1000°C
CENI060	Aluminium C1120	6.0mm ²	15.0mm	Ø 3.5mm	1000°C
CENI075	Aluminium C1120	0.75mm ²	10.0mm	Ø 1.2mm	1000°C
CENI100	Aluminium C1120	10.0mm ²	15.0mm	Ø 4.5mm	1000°C
CENI160	Aluminium C1120	16.0mm ²	15.0mm	Ø 5.8mm	1000°C
CENI250	Aluminium C1120	25.0mm ²	15.0mm	Ø 7.3mm	1000°C
CENI350	Aluminium C1120	35.0mm ²	18.0mm	Ø 8.3mm	1000°C
CENI500	Aluminium C1120	50.0mm ²	18.0mm	Ø 10.3mm	1000°C



Article	Color	Wire range	Type terminal	Diameter	Width	Length
D4060001	Red	0.5mm ² -1.5mm ²	Butt Splice	Ø 4.5mm	1.7mm	36.0mm
D4060002	Blue	1.5mm ² -2.5mm ²	Butt Splice		2.3mm	36.0mm
D4060003	Yellow	4.0mm ² -6.0mm ²	Butt Splice		3.4mm	41.0mm
B1061401	Red	0.5mm ² -1.5mm ²	Ring Terminals	Ø 4.3mm	8.0mm	28.5mm
B1061402	Blue	1.5mm ² -2.5mm ²	Ring Terminals	Ø 4.3mm	8.5mm	30.5mm
B1061403	Yellow	4.0mm ² -6.0mm ²	Ring Terminals	Ø 4.3mm	9.5mm	34.2mm
B1061501	Red	0.5mm ² -1.5mm ²	Ring Terminals	Ø 5.3mm	8.0mm	28.5mm
B1061502	Blue	1.5mm ² -2.5mm ²	Ring Terminals	Ø 5.3mm	9.5mm	30.5mm
B1061503	Yellow	4.0mm ² -6.0mm ²	Ring Terminals	Ø 5.3mm	9.5mm	34.0mm
B1061601	Red	0.5mm ² -1.5mm ²	Ring Terminals	Ø 6.5mm	11.6mm	34.5mm
B1061602	Blue	1.5mm ² -2.5mm ²	Ring Terminals	Ø 6.5mm	12.0mm	35.5mm
B1061603	Yellow	4.0mm ² -6.0mm ²	Ring Terminals	Ø 6.5mm	12.0mm	37.5mm
B1061801	Red	0.5mm ² -1.5mm ²	Ring Terminals	Ø 8.4mm	11.6mm	34.5mm
B1061802	Blue	1.5mm ² -2.5mm ²	Ring Terminals	Ø 8.4mm	12.0mm	35.5mm
B1061803	Yellow	4.0mm ² -6.0mm ²	Ring Terminals	Ø 8.4mm	15.0mm	42.0mm
B1061991	Red	0.5mm ² -1.5mm ²	Ring Terminals	Ø 10.5mm	13.6mm	37.5mm
B1061992	Blue	1.5mm ² -2.5mm ²	Ring Terminals	Ø 10.5mm	13.6mm	37.5mm
B1061993	Yellow	4.0mm ² -6.0mm ²	Ring Terminals	Ø 10.5mm	15.0mm	42.0mm
B1062401	Red	0.5mm ² -1.5mm ²	Spade	Ø 4.3mm	7.2mm	29.6mm
B1062402	Blue	1.5mm ² -2.5mm ²	Spade	Ø 4.3mm	7.2mm	29.5mm
B1062403	Yellow	4.0mm ² -6.0mm ²	Spade	Ø 4.3mm	9.0mm	33.5mm
B1062502	Blue	1.5mm ² -2.5mm ²	Spade	Ø 5.3mm	9.3mm	30.5mm
B1062503	Yellow	4.0mm ² -6.0mm ²	Spade	Ø 5.3mm	9.0mm	33.5mm
B1063281	Red	0.5mm ² -1.5mm ²	Female Disconnects	2.8x0.5mm	6.0mm	20.5mm
B1063481	Red	0.5mm ² -1.5mm ²	Female Disconnects	4.8x0.5mm	7.0mm	28.0mm
B1063631	Red	0.5mm ² -1.5mm ²	Female Disconnects	6.3x0.8mm	6.6mm	28.0mm
B1063632	Blue	1.5mm ² -2.5mm ²	Female Disconnects	Tab 6.35mm x0.8mm Ø 6.5mm	6.6mm	28.0mm
B1063633	Yellow	4.0mm ² -6.0mm ²	Female Disconnects	Tab 6.35mm x0.8mm Ø 7.0mm	6.6mm	30.0mm
B1064631	Red	0.5mm ² -1.5mm ²	Male Disconnects	6.3x0.8mm	6.35mm	34.0mm
B1064632	Blue	1.5mm ² -2.5mm ²	Male Disconnects	Tab 6.35mm x0.8mm Ø 6.0mm	6.35mm	34.0mm
B1066201	Blue	1.5mm ² -2.5mm ²	Pin	Pin 2.00 mm		
B1067401	Red	0.5mm ² -1.5mm ²	Receptacle Bullet	Ø 5.5mm	4.0mm	33.0mm
B1067502	Blue	1.5mm ² -2.5mm ²	Receptacle Bullet	Ø 6.0mm	5.0mm	33.0mm
B1068401	Red	0.5mm ² -1.5mm ²	Receptacle Bullet	Ø 5.5mm	4.0mm	33.0mm
B1068502	Blue	1.5mm ² -2.5mm ²	Receptacle Bullet	Ø 6.0mm	5.0mm	33.0mm



Article	Color	Wire range	Type terminal	Diameter	Length
SGRP3	Blue		Closed End	Conductor mm ² : 3.5mm ² -9.0mm ²	45.5mm
SGRP4	Yellow		Closed End	Conductor mm ² : 7.5mm ² -15.0mm ²	46.3mm
SGRT204			Ring Terminals	Ø 4.0mm	37.0mm
SGRT206			Ring Terminals	Ø 6.0mm	40.5mm
SGRT306			Ring Terminals	Ø 6.0mm	47.2mm
SGRT308			Ring Terminals	Ø 8.0mm	51.7mm
T4060001	Red	0.5mm ² -1.5mm ²	Butt Splice	Ø 4.5mm	40.0mm
T4060002	Blue	1.5mm ² -2.5mm ²	Butt Splice	Ø 6.1mm	40.0mm
T4060003	Yellow	4.0mm ² -6.0mm ²	Butt Splice	Ø 8.0mm	40.0mm



Article	Color	Connection type	Volt	Main cable	Tab cable 1	Tab cable 2
C558	Red	Cable to Cable	600V	0.5 -1.5mm ²	0.5 -1.0mm ²	
C567	Brown	Cable to Cable	600V	3.0 -4.5mm ²	0.65 -2.0mm ²	
C901	Black	Cable to Cable	600V	1.5 -2.5mm ²	0.5 -1.5mm ²	1.5 -2.5mm ²
K560	Blue	Cable to Cable	600V	0.5 -2.5mm ²	0.75 -2.5mm ²	
K562	Yellow	Cable to Cable	600V	4.0 -6.0mm ²	4.0 -6.0mm ²	
K905	Red	Cable to Cable	600V	0.5 -1.5mm ²	0.5 -1.0mm ²	
K951	Red	Cable to Terminal	600V	0.5 -1.5mm ²	0.5 -1.0mm ²	
K952	Blue	Cable to Terminal	600V	1.5 -2.5mm ²	1.5 - 2.5mm ²	
K953	Yellow	Cable to Terminal	600V	2.0 -3.0mm ²	2.5 -6.0mm ²	



Article	Color	Type	Cable entry	Length	Width	Height	Diameter
RS63004		Housing		25.0mm	9.0mm	5.0mm	
RS10R	Red	Distributor Boot	Ø 5.0mm	25.0mm	25.0mm		Ø 17.0mm
RS1501		Cover					
RS16	Black	Distributor Boot	Ø 7.0mm	41.0mm			Ø 14.0mm
RS20B	Black	Distributor Boot	Ø 7.0mm	27.0mm	20.0mm		Ø 15.0mm
RS215B	Black	Spark Plug Boot	Ø 7.0mm	43.0mm		25.0mm	Ø 14.0mm
RS215R	Red	Spark Plug Boot	Ø 7.0mm	43.0mm		25.0mm	Ø 14.0mm
RS218R	Red	Coil Boot	Ø 7.0mm	35.0mm	20.0mm		Ø 13.0mm
RS256B	Black	Spark Plug Boot	Ø 7.0mm	45.0mm	19.0mm		Ø 14.0mm
RS256R	Red	Spark Plug Boot	Ø 7.0mm	45.0mm	19.0mm		Ø 14.0mm
RS395	Red		Ø 7.0mm	110.0mm	18.0mm		Ø 14.0mm
RS396	Black	Coil Boot	Ø 7.0mm	34.0mm	16.0mm		Ø 11.0mm
RS398	Black		Ø 7.0mm	63.0mm	38.0mm		
RS399	Black	Coil Boot	Ø 7.0mm	34.0mm	16.0mm		Ø 11.0mm
RS399B	Black	Coil Boot	Ø 7.0mm	34.0mm	16.0mm		Ø 11.0mm
RS402	Black		Ø 7.0mm				
RS405	Black			115.0mm	30.0mm		
RS406	Metal			125.0mm	20.0mm		
RS437	Black		Ø 7.0mm				



Ignition

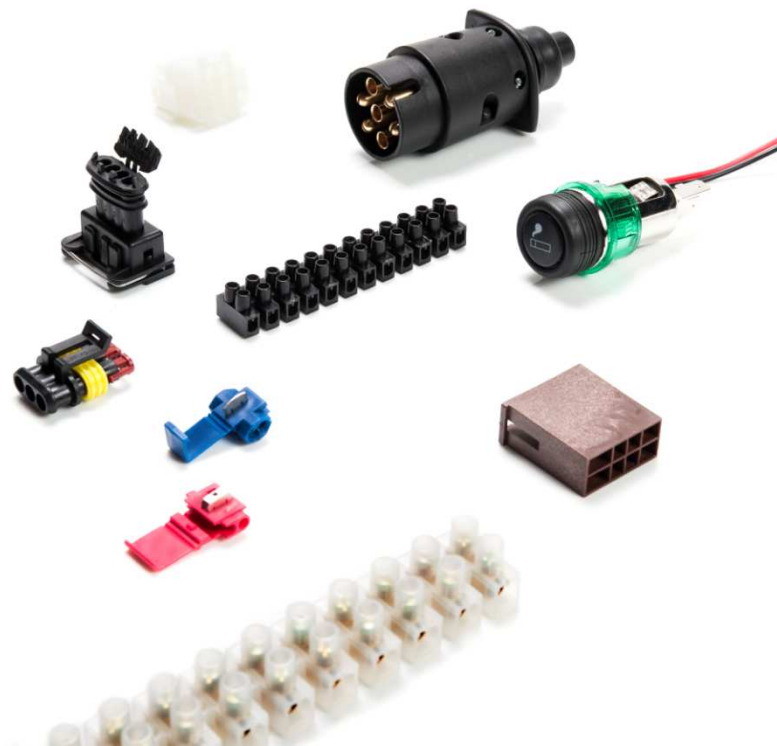
Article	Type	According
S546	Spark Plug Boot	With Resistor. Resistance 10k Ohm
S600	Spark Plug	10k Ohm
S618	Spark Plug	5k Ohm
S647	Spark Plug	5k Ohm
S649	Spark Plug	5k Ohm
S703	Spark Plug	10k Ohm
S706	Spark Plug	10k Ohm
S713	Spark Plug	5k Ohm
S726	Spark Plug	1k Ohm
S748	Spark Plug	5k Ohm
S749	Spark Plug	5k Ohm
S780	Spark Plug	5k Ohm
S782	Spark Plug	5k Ohm
S791	Spark Plug	1k Ohm
S810	Spark Plug	1k Ohm



PCB

Article	Tabsize	Width	Length	Materials
30-313	2.8x0.5mm	4.0mm	13.8mm	Brass
30-314	2.8x0.5mm	6.3mm	13.3mm	Brass
30-315	4.8x0.5mm	6.3mm	12.7mm	Brass
30-321	6.4x0.8mm	7.9mm	14.0mm	Brass
30-322	6.4x0.8mm	7.7mm	20.0mm	Brass
30-323	6.4x0.8mm	7.5mm	16.8mm	Brass





Connectors

Trailer plugs & adapters	3.1
Multiple connector	3.3
Superseals	3.4
Mate-n-lock	3.4
Junior power connectors	3.5
Iso car radio	3.5
Cigar lighter & plugs	3.6
Connectorstrips	3.6

Article	Type	Volt	Extra
TS13J	Socket	12V	Universal cable set. 13 way Jäger socket PVC sleeved cable with fitted terminals and stripped ends.
TS13M	Socket	12V	Universal cable set. 13 way Multicon socket PVC sleeved cable with fitted terminals and stripped ends
TS1PJ150-1	Socket		Universal cable set. 7 way socket.PVC sleeved cable with fitted terminal and ends plain/solder dipped
PS7TEST	Socket	12V	Universal tester for 7 pin socket. Cable length 4 meters
A13/7	Socket		Adapter cable 13pin socket to 7 pin plug
A137	Socket		Adapter 13pin socket to 7pin plug
A7/13	Socket		Adapter cable 7pin socket to 13pin plug
AC7TEST	Socket	12V	Adapter Cable to tester PS13TEST for 7 pin socket
CS13P			
CS7PS	Socket		Supplementary coupling socket Screw terminals.
CS7P	Socket		Coupling socket DIN72577/ISO1724. Hygrade thermoplastic screw terminals.
PP13M	Socket		Plug 13 pin Suitable for WeST socket PS13R.
PP13R			
PP13TEST			
PP13W	Plug	12V	WeST Plug ISO11446 12V/25A
PP13	Plug	12V	Plug 13 pin
PP7M	Plug	12V	Plug 7 pin



Article	Type	Volt	Extra
PP7S			Supplementary plug ISO3732
PP7	Plug	12V	Hinged plug 7 pin
PS13R			
PS13TEST	Socket	12V	Universal tester for 13 pin socket. Cable length: 4
PS13	Socket	12V	Socket 13 pin 12V screw terminals with gasket
PS7JR	Socket	12V	Socket 7 pin Removable terminal block
PS7M	Socket	12V	Socket 7 pin
PS7S	Socket	12V	Supplementary socket 7 pin 12Volt ISO3732 12S. Removable terminal block hygrade thermoplastic
PS7TR			
PSC13TEST			
PSF13	Socket		Socket 13 pin mechanical cutt-off rear fog light with gasket
PSF7	Socket	12V	Socket 7 pin. Removable terminal block. With cutt-off of rear fog light
TSAP07S13	Socket		Mini adapter 13-pole DIN socket to 7 pole plug.
TSAP13S07	Plug		Mini adapter 13-pole DIN plug to 7 pole socket.
TSB070000	Socket		Socket 7-pole plastic housing. Removable terminal block. Solid rubber gasket between terminal block and plastic housing. Rubber seal under the lid covers gasket when closed
TSG1	Socket		Rear rubber fitting for DIN72577/ISO172 4 sockets. Rubber seal states bus numbers
TSM070000	Socket		Socket 7-pole metal housing. Removable terminal block. Solid rubber gasket between terminal block and metal housing. Rubber seal under the lid covers gasket when closed
TSC1			Towball Cap



Multiple connector

0.65-1.0 mm² : 3-2911PB for female connectors / 3-2922PB for male connectors

1.0 - 2.5 mm² : 3-2911/1PB for female connectors / 3-2922/1PB for male connectors

2.5 - 6.0 mm² : 3-2911/2 for female connectors / 3-2922/2 for male connectors

All connectors are available in white and black.

Article	Male or female	No of ways	Terminal	Length	Width	Height	Color
MWP1	Male	1-way	3-2922	24.1mm	10.0mm	6.5mm	White
MWP11	Male	11-way	3-2922	22.9mm	29.6mm	26.2mm	Black
MWP11W	Male	11-way	3-2922	22.9mm	29.6mm	26.2mm	White
MWP1B	Male	1-way	3-2922	24.1mm	10.0mm	6.5mm	Black
MWP2	Male	2-way	3-2922	23.0mm	12.8mm	10.0mm	White
MWP2B	Male	2-way	3-2922	23.0mm	12.8mm	10.0mm	Black
MWP2T	Male	2-way	3-2922	32.5mm	10.1mm	16.7mm	White
MWP2TB	Male	2-way	3-2922	32.5mm	10.1mm	16.7mm	Black
MWP3	Male	3-way	3-2922	22.8mm	15.2mm	18.0mm	White
MWP3B	Male	3-way	3-2922	22.8mm	15.2mm	18.0mm	Black
MWP4	Male	4-way	3-2922	22.9mm	23.9mm	14.0mm	White
MWP4B	Male	4-way	3-2922	22.9mm	23.9mm	14.0mm	Black
MWP6	Male	6-way	3-2922	24.0mm	29.8mm	15.0mm	White
MWP6B	Male	6-way	3-2922	24.0mm	29.8mm	15.0mm	Black
MWP8	Male	8-way	3-2922	23.5mm	45.5mm	24.3mm	White
MWP8B	Male	8-way	3-2922	23.5mm	45.5mm	24.3mm	Black
MWS1	Female	1-way	3-2911	32.5mm	12.8mm	9.0mm	White
MWS11	Female	11-way	3-2911	31.0mm	32.5mm	29.0mm	Black
MWS11W	Female	11-way	3-2911	31.0mm	32.5mm	29.0mm	White
MWS1B	Female	1-way	3-2911	32.5mm	12.8mm	9.0mm	Black
MWS2	Female	2-way	3-2911	32.5mm	15.5mm	13.5mm	White
MWS2B	Female	2-way	3-2911	32.5mm	15.5mm	13.5mm	Black
MWS2T	Female	2-way	3-2911	32.5mm	15.5mm	13.5mm	White
MWS2TB	Female	2-way	3-2911	32.5mm	15.5mm	13.5mm	Black
MWS3	Female	3-way	3-2911	31.7mm	15.2mm	20.4mm	White
MWS3B	Female	3-way	3-2911	31.7mm	15.2mm	20.4mm	Black
MWS4	Female	4-way	3-2911	32.5mm	27.9mm	17.1mm	White
MWS4B	Female	4-way	3-2911	32.5mm	27.9mm	17.1mm	Black
MWS6	Female	6-way	3-2911	32.3mm	31.5mm	18.1mm	White
MWS6B	Female	6-way	3-2911	32.3mm	31.5mm	18.1mm	Black
MWS8	Female	8-way	3-2911	24.1mm	37.6mm	16.5mm	White
MWS8B	Female	8-way	3-2911	24.1mm	37.6mm	16.5mm	Black



Superseals

Superseal 2.8mm

3-4500 for female connectors.

3-4510 for male connectors.

Article	Male or female	Cable entry	No of ways	Terminal	Color
3-7740Y	Wire seal	0.35-1.0mm ²		∅ 5.2mm	Yellow
23520	Female	0.5-1.5mm ²	1 way	3-1200	Black
23610	Female	1.0-2.5mm ²	1 way	3-4500	Black
23620	Male	1.0-1.5mm ²	1 way	3-5560	Black/Red/Yellow
23630	Female	1.0-2.5mm ²	2 way	3-4500	Black
23640	Male	1.0-1.5mm ²	2 way	3-5560	Black/Red/Yellow
23650	Female	1.0-2.5mm ²	3 way	3-4500	Black
23660	Male	1.0-1.5mm ²	3 way	3-5560	Black/Red/Yellow
23670	Female	1.0-2.5mm ²	4 way	3-4500	Black
23680	Male	1.0-1.5mm ²	4 way	3-5560	Black/Red/Yellow
23690	Female	1.0-2.5mm ²	5 way	3-4500	Black
23700	Male	1.0-1.5mm ²	5 way	3-5560	Black/Red/Yellow
23710	Female	1.0-2.5mm ²	6 way	3-4500	Black
23720	Male	1.0-1.5mm ²	6 way	3-5560	Black/Red/Yellow



Male n lock

Article	Male or female	Cable entry	No of ways	Terminal	Color
26030	Male	0.5-2.5mm ²	2 way	3-1200	White
26040	Female	0.5-2.5mm ²	2 way	3-1210	White
26050	Male	0.5-2.5mm ²	3 way	3-1200	White
26060	Female	0.5-2.5mm ²	3 way	3-1210	White
26070	Male	0.5-2.5mm ²	4 way	3-1200	White
26080	Male	0.5-2.5mm ²	4 way	3-1200	White
26110	Male	0.5-2.5mm ²	6 way	3-1200	White
26120	Female	0.5-2.5mm ²	6 way	3-1210	White
26130	Male	0.5-2.5mm ²	9 way	3-1200	White
26140	Female	0.5-2.5mm ²	9 way	3-1210	White
26150	Male	0.5-2.5mm ²	12 way	3-1200	White
26160	Female	0.5-2.5mm ²	12 way	3-1210	White
26170	Male	0.5-2.5mm ²	15 way	3-1200	White
26180	Female	0.5-2.5mm ²	15 way	3-1210	White



Junior power connectors

Article	No of ways	Terminal 1	Terminal 2	Cable entry 1	Cable entry 2	Seal 1	Seal 2	Color
10655	4 way	3-8260	3-8270	0.5-1.0mm ²	1.5-2.50mm ²	10662	10658	Black
10656	5 way	3-8260	3-8270	0.5-1.0mm ²	1.5-2.50mm ²	10662	10658	Black
10657	6 way	3-8260	3-8270	0.5-1.0mm ²	1.5-2.50mm ²	10662	10658	Black
10660	2 way	3-8280		0.5-1.0mm ²		10662	10658	Black
20900	2 way	3-7210	3-7211	0.5-1.0mm ²	1.5-2.50mm ²	10662	10658	Black
20901	2 way	Cover						
20902	2 way	Cover						
20910	2 way	3-8260	3-8270	0.5-1.0mm ²	1.5-2.50mm ²	10662	10658	Black
20911	2 way	Cover						
20921	3 way	Cover						



ISO car radio

Article	Male or female	Terminal	Cable entry	Length	Width	Height	Color
ISO8VBK	Female	3-2924T	0.5-1.5mm ²	34.8mm	33.2mm	14.5mm	Black
ISO8VMR	Female	3-2924T	0.5-1.5mm ²	34.8mm	33.2mm	14.5mm	Brown
RC8VB	Male	3-7210	0.5-1.5mm ²	23.4mm	23.4mm	11.1mm	Black
RC8VN	Male	3-7210	0.5-1.5mm ²	23.4mm	23.4mm	11.1mm	Brown



Cigar lighter & plugs

Article		
AS001	Socket 12V/24V max 20A	Ø27.8 mm 6.3mm blade terminals
AS002	Flush mounted socket	
AS004	Flush mounted socket	nickel plated brass 12V/16A
AS005	Socket for OEM applications	
AS003	surface mounted socket	
EC001	Cable extensions 3 meter (2x 2.5 mm ² cable)	with plug AP001 and socket AS006
AA001	Adapter suitable for Bosch/Hella	12mm contact sockets length 0.2 meter (2x2.5 mm ²)
BA001	Battery adapter	
CLP725	Twin adaptor	10A glass fuse indicator LED
CL710	Cigar lighter Illuminated	
CL712	Cigar lighter	to fit CL710
CL711	Cigar lighter Illuminated	
CL713	Cigar lighter	to fit CL711
CLP716	Cigar lighter plug	
P721	Cigar lighter plug	Bosch/Hella 12mm socket
AP001	Cigar lighter plug cable	screw connection anti-pull off 12V/16A
AP002	Cigar lighter plug cable	screw connection anti-pull off 12V/16A
S722	Bosch/Hella 12mm socket	



Connector strips

Article	Color	Wire size	Amp	Volt	Length	Width	Height
3-1052B	Black	10.0mm ²	30A	380V	165.0mm	22.5mm	20.0mm
3-1052W	White	10.0mm ²	30A	380V	165.0mm	22.5mm	20.0mm
MAP861	Black	10.0mm ²	3A	380V	93.0mm	17.0mm	13.7mm





Halogen lighting

Bayonett	4.1
Festoon	4.3
Dashboardbulbs	4.4
Wedgebase	4.5
Non halogen	4.6
Other	4.6
Silicon cover	4.6
Headlight	4.7
Halogen specials	4.9
Indicator lights	4.10
Non halogen	4.10



Article	Base type	British standard	Color	Volt	Watt	Type	Length	Height
207AFL	BA15S		Clear	48V	10W	Bulb Forklift Truck		
207FL	BA15S		Clear	48V	8W	Bulb Forklift Truck		
BAY15D24V25W	BAY15D		Clear	24V	25W	Navigationlamp		
P245D	BA15D		Clear	12V	10W	Bulb	38.0mm	
P246D	BA15D		Clear	24V	10W	Bulb	38.0mm	
P28220V65W	PS28S		Clear	220V	65W	Navigationlamp	108.0mm	
R12023	BA9S	433A	Clear	12V	5W	Miniature Xenon	30.0mm	
R12024	BA9S	433B	Clear	12V	10W	Miniature Xenon	30.0mm	
R12025	BA9S	433	Clear	12V	20W	Miniature Xenon	32.9mm	
R12036CB	BAX9S	433CCO	Cobalt blue	12V	6W	Miniature Xenon	33.0mm	
R12036	BAX9S	433C	Clear	12V	6W	Miniature Xenon	33.0mm	
R12227	BA20S	395A	Clear	12V	35W	Non-Halogen		
R12247	BA20S	397	Clear	12V	45W	Non-Halogen		
R12253	BA21S	237	Clear	12V	45W	Non-Halogen		
R12401	BA15S	211	Clear	12V	5W	Stop		
R12402	BA15D	211A	Clear	12V	5W	Stop		
R12413	BA15S	211C	Clear	12V	15W	Stop	Ø 10.0mm	38.3mm
R12422H	BA15D	335H	Clear	12V	21W	Stop	Ø 24.8mm	47.2mm
R12422	BA15D	335	Clear	12V	21W	Stop		
R12445	BA15S	382B	Clear	12V	18W	Stop		
R12496C	BAU15S	582	Clear	12V	21W	Stop	Ø 24.8mm	47.8mm
R12496	BAU15S	581	Amber	12V	21W	Stop	Ø 24.8mm	47.8mm
R12498H	BA15S	382H	Halogen	12V	21W	Stop	Ø 24.8mm	48.4mm
R12498LL	BA15S	382L	Clear longlife	12V	21W	Stop	Ø 24.8mm	48.4mm
R12498R	BA15S	382R	Red	12V	21W	Stop	Ø 24.8mm	48.4mm
R12498Y	BA15S	382Y	Yellow	12V	21W	Stop	Ø 24.8mm	48.4mm
R12498	BA15S	382	Clear	12V	21W	Stop	Ø 24.8mm	48.4mm
R12499LL	BAY15D	380L	Clear longlife	12V	21/5W	Stop	Ø 24.8mm	47.7mm
R12499R	BAY15D	380R	Red	12V	21/5W	Stop	Ø 24.8mm	47.7mm
R12499Y	BAY15D	380Y	Yellow	12V	21/5W	Stop	Ø 24.8mm	47.7mm
R12499	BAY15D	380	Clear	12V	21/5W	Stop	Ø 24.8mm	47.7mm
R12594	BAZ15D	566	Clear	12V	21/4W	Stop		
R12718	BA20D	394	Clear	12V	25/25W	Non-Halogen	65.0mm	35.0mm
R12728H	BA20D	395H	Clear	12V	35/35W	Halogen specials	65.0mm	35.0mm
R12728	BA20D	395	Clear	12V	35/35W	Non-Halogen	65.0mm	35.0mm
R12748	BA20D	396	Clear	12V	45/40W	Non-Halogen	65.0mm	35.0mm
R12814H	BA15S	245H	Clear	12V	10W	Stop		
R12814	BA15S	245	Clear	12V	10W	Stop		
R12821H	BA15S	207H	Clear	12V	5W	Stop	Ø 8.0mm	36.1mm
R12821	BA15S	207	Clear	12V	5W	Stop	Ø 8.0mm	36.1mm
R12822H	BA15D	209H	Clear	12V	5W	Stop		
R12822	BA15D	209	Clear	12V	5W	Stop		
R12829	BA7S	2	Clear	12V	2W	Miniatures		



Article	Base type	British standard	Color	Voltage	Watt	Type	Length	Height
R12910	BA9	643	Clear	12V	3W	Miniatures		
R12913	BA9S	288	Clear	12V	2W	Miniatures		
R12929A	BA9S	233A	Amber	12V	4W	Miniatures		
R12929CB	BA9S	233CO	Cobalt blue	12V	4W	Miniatures		
R12929LL	BA9S	3893LL	Clear	12V	4W	Miniatures Longlife		
R12929	BA9S	233	Clear	12V	4W	Longlife		
R13227	BA20S	400A	Clear	24V	35W	Non-Halogen	63.5mm	35.0mm
R13247	BA20S	400	Clear	24V	45W	Non-Halogen	63.5mm	35.0mm
R13401	BA15S	212	Clear	24V	15W	Stop	Ø 24.8mm	42.3mm
R13422HD	BA15D	291	Clear Heavy Duty	24V	21W	Stop	Ø 24.8mm	46.9mm
R13422	BA15D	346	Clear	24V	21W	Stop	Ø 24.8mm	46.9mm
R13445	BA15S	241A	Clear	24V	18W	Stop		
R13496HDLL	BAU15S	290GA	Clear Heavy Duty	24V	21W	Stop	Ø 24.8mm	47.8mm
R13496	BAU15S	581A	Amber	24V	21W	Stop	Ø 24.8mm	47.8mm
R13498HDLL	BA15S	290	Clear Heavy Duty LongLife	24V	21W	Stop	Ø 24.8mm	48.4mm
R13498	BA15S	241	Clear	24V	21W	Stop	Ø 24.8mm	48.4mm
R13499	BAY15D	384	Clear	24V	21/5W	Stop	Ø 24.8mm	47.7mm
R13594	BAZ15D	566A	Clear	24V	21/4W	Stop		
R13814HDLL	BA15S	246	Clear Heavy Duty LongLife	24V	10W	Stop		
R13814	BA15S	246HD	Clear	24V	5W	Stop		
R13821HDLL	BA15S	248	Clear Heavy Duty	24V	5W	Stop		
R13821	BA15S	149	Clear	24V	5W	Stop		
R13822HDLL	BA15D	247	Clear Heavy Duty LongLife	24V	5W	Stop	Ø 24.8mm	47.2mm
R13822	BA15D	150	Clear	24V	5W	Stop	Ø 24.8mm	47.2mm
R13829	BA7S	283	Clear	24V	3W	Miniatures		
R13910	BA9S	867	Clear	24V	2.8W	miniatures		
R13913	BA9S	289	Clear	24V	2W	Miniatures		
R13929HDLL	BA9S	249HD	Clear Heavy Duty LongLife	24V	4W	Miniatures		
R13929	BA9S	249	Clear	24V	4W	Miniatures		
R24356	BAX9S	433	Xenon	24V	21W	Miniatures		
R333	BA15D	TL364C	Clear	24V	24W	Stop		
R345	BA15S	TL664	Clear	28V	2.6W	Stop		
R6227	BA20S	393S	Clear	6V	35W	Non-Halogen	35.0mm	63.5mm
R6413	BA15S	244A	Clear	6V	15W	Stop		
R6498	BA15S	317	Clear	6V	21W	Stop	Ø 24.8mm	49.7mm
R6499	BA15D	384	Clear	6V	21/5W	Stop	Ø 24.8mm	47.7mm
R6814	BA15S	244	Clear	6V	10W	Stop		
R6821	BA15S	205	Clear	6V	5W	Stop		
R6828	BA7S	1,2	Clear	6V	1.2W	Miniature		
R6910	BA9	641	Clear	6V	3W	Miniature		
R6913	BA9S	287	Clear	6V	2W	Miniature		
R6929	BA9S	293	Clear	6V	4W	Miniature		
R874	BA15S	TL660	Clear	28V	7W			
380AFL	BAY15D		Clear	48V	23/8W	Forklift Trucks	47.0mm	25.0mm
R12496LL	BAU15S	9507	Clear Heavy Duty LongLife	12V		Stop		



Festoon lamps are small bulbs that provide an even light source to displayed objects

Article	Base type	British standard	Color	Volt	Watt	Diameter	Length
R12803	SV8.5-8	273	Clear	12V	21W		43.0mm
R12807	SV8.5-8	270	Clear	12V	18W		43.0mm
R12818	SV7-8	257	Clear	12V	3W	Ø 7.0mm	30.0mm
R12844	SV8.5-8	239	Clear	12V	5W	Ø 11.0mm	38.0mm
R12848	SV7-8	256A	Clear	12V	3W	Ø 6.0mm	36.0mm
R12850	SV8.5-8	267	Clear	12V	15W	Ø 15.0mm	43.0mm
R12854	SV8.5-8	272	Clear	12V	10W	Ø 11.0mm	38.0mm
R12860	SV7-8	269	Clear	12V	10W	Ø 11.0mm	30.0mm
R12864	SV8.5-8	239A	Clear	12V	5W	Ø 11.0mm	43.0mm
R13039	SV8.5-8	256B	Clear	12V	3W	Ø 8.0mm	38.0mm
R13807	SV8.5-8	278	Clear	24V	18W	Ø 15.0mm	43.0mm
R13818	SV7-8	256C	Clear	24V	3W	Ø 7.0mm	30.0mm
R13844G	SV8.5-8	242G	Green	24V	5W	Ø 11.0mm	38.0mm
R13844R	SV8.5-8	242R	Red	24V	5W	Ø 11.0mm	38.0mm
R13844U	SV8.5-8	242U	Blue	24V	5W	Ø 11.0mm	38.0mm
R13844	SV8.5-8	242	Clear	24V	5W	Ø 11.0mm	38.0mm
R13848	SV7-8	256D	Clear	24V	3W	Ø 6.0mm	36.0mm
R13850	SV8.5-8	276	Clear	24V	15W	Ø 15.0mm	43.0mm
R13854	SV8.5-8	274A	Clear	24V	10W	Ø 11.0mm	38.0mm
R13864	SV8.5-8	260	Clear	24V	5W	Ø 11.0mm	38.0mm
R13866	SV8.5-8	274	Clear	24V	10W	Ø 11.0mm	38.0mm
R239X	SV8.5-8	239X	Xenon	12V	6W	Ø 11.0mm	38.0mm
R254	SV8.5-8	254	Clear	12V	6W	Ø 11.0mm	38.0mm
R265A	SV8.5-8	265A	Clear	12V	10W	Ø 15.0mm	43.0mm
R266A	SV8.5-8	266A	Clear	6V	21W	Ø 15.0mm	43.0mm
R275	SV8.5-8	275	Clear	24V	21W	Ø 15.0mm	43.0mm
R312	P36D		Clear	6V	30/24W		
R653	SV8.5-8	653	Clear	24V	6W	Ø 11.0mm	38.0mm
R6807	SV8.5-8	266	Clear	6V	15W	Ø 15.0mm	43.0mm
R6844	SV8.5-8	253	Clear	6V	5W	Ø 11.0mm	38.0mm
R6866	SV8.5-8	258	Clear	6V	10W	Ø 11.0mm	38.0mm



Dashboard bulbs

Article	Base type	Color	Volt	Watt	Board size	Length	Height
286MB5	HRQ	Black	12V	1.2W	1.5mm	65.0mm	35.0mm
286MTG	KW2X4.6D	Grey	12V	0.5W		65.0mm	35.0mm
286MTW	KW2X4.6D	Clear	12V	1.2W		65.0mm	35.0mm
286T6BL	B8.4D	Light blue	12V	1.2W	2.0mm	45.0mm	25.0mm
286T8W	B8.3D	White	12V	2.0W	2.0mm		
286TB	B8.5D	Beige	12V	1.5W	2.0mm		
286TFT	BG8.5 55D	Grey	12V	1.2W	1.5mm		
286TG2	B8.3D	Light green	12V	2.0W	1.5mm		
286TG	BX8.5D	Green	12V	2.0W	1.5mm		
286THZ	SG8.5 55D	Black	12V	1.2W	1.5mm		
286TM1	B8.4D	Grey	12V	0.5W	1.5mm		
286TM2	BX8.4D	Black	12V	1.2W	1.5mm		
286TM3	BX8.4D	Light green	12V	2.0W	1.5mm		
286TM	BX8.4D	Beige	12V	1.5W	1.5mm		
286TSL	B8.5 S40	Black	12V	1.2W	1.5mm		
286TVBL	EBSR	Blue	12V	1.8W	1.5mm		
286TVG	EBSR	Green	12V	1.2W	1.5mm		
286TV	BX8.3D	Black	12V	1.2W	2.0mm		
286TX6O	BX8.4D	Orange	12V	1.1W	1.5mm		
286TXBL	BX8.5D	Blue	12V	1.2W	1.5mm		
286TXDB	BX8.5D	Black	12V	1.0W	1.5mm		
286TXV	BX8.5D	Violet	12V	0.4W	1.5mm		
286T	B8.5D	Black	12V	1.2W	2.0mm		
433T2	B10D	Brown	12V	3W	1.5mm		
433T	B10D	Black	12V	5W	1.5mm		
508MB5	HRQ	Black	24V	1.2W	1.5mm		
508MTW	HRQ	Clear	24V	1.2W			
508TB	B85D	Beige	24V	2.0W	2.0mm		
508TVB	EBSR	Brown	24V	1.2W	1.5mm		
508TVG	EBSR	Green	24V	1.4W	1.5mm		
508TVY	EBSR	Yellow	24V	1.2W	1.5mm		
508TV	BX8.3D	Grey	24V	2.0W	1.5mm		
508T	B8.5D	Grey	24V	1.2W	2.0mm		
512TR10	B12.9D	White	12V	2.6W	1.5mm		
513TR10	B12.9D	White	24V	2.6W	1.5mm		
P434	G4	clear	12V	10W			



Article	Base type	British standard	Color	Type	Voltage	Watt
R12040	W2.1x9.5D	501X	Clear	Miniature Xenon	12V	5W
R12065A	W3X16D	382WA	Amber	Stop	12V	21W
R12065	W3X16D	382WA	Amber	Stop	12V	21W
R12066	W3X16D	382WA	Amber	Stop	12V	21W
R12067	W2.1X9.5D	921B	White	Miniatures	12V	16W
R12505	W2X4.6D	924	Clear	Miniatures	12V	2W
R12516A	W2X4.6D	286A	Amber	Miniatures	12V	1.2W
R12516G	W2X4.6D	286G	Green	Miniatures	12V	1.2W
R12516R	W2X4.6D	286R	Red	Miniatures	12V	1.2W
R12516U	W2X4.6D	286U	Blue	Miniatures	12V	1.2W
R12516W	W2X4.6D	286W	Powerwhite	Miniatures	12V	1.2W
R12516	W2X4.6D	286	Clear	Miniatures	12V	1.2W
R12960	W2.1X9.5D	510	Clear	Miniatures	12V	2.2W
R12961CB	W2.1X9.5D	501CO	Clear	Miniatures	12V	5W
R12961LL	W2.1X9.5D	501LL	Clear	Miniatures Longlife	12V	5W
R12961	W2.1X9.5D	501	Clear	Miniatures	12V	5W
R13256	W2.1X9.5D	505	Clear	Miniatures	24V	3W
R13516A	W2X4.6D	508A	Amber	Miniatures	24V	1.2W
R13516G	W2X4.6D	508G	Green	Miniatures	24V	1.2W
R13516R	W2X4.6D	508R	Red	Miniatures	24V	1.2W
R13516U	W2X4.6D	508B	Blue	Miniatures	24V	1.2W
R13516	W2X4.6D	508	Clear	Miniatures	24V	1.2W
R13960	W2.1x9.5d	513	Clear	Miniatures	24V	2W
R13961	W2.1x9.5d	507	Clear	Miniatures	24V	5W
R3156	W2.5X16D	3156	Clear	Stop	12V	27W
R3157A	W2.5X16Q	3157A	Amber	Stop	12V	27/7W
R3157	W2.5X16Q	3157	Clear	Stop	12V	27/7W
R512	W2.1x9.5d	512	Clear	Miniatures	12V	2.6W
R514	W2.1x9.5d	514	Clear	Miniatures	12V	1.2W
R6521	W2X4.6D	284	Clear	Miniature	6V	1.2W
R7777	W2.1x9.5d	502	Clear	Miniature	6V	3W
R921A	W2.1x9.5d	921A	Amber	Stop	12V	21W
R921R	W2.1x9.5d	921R	Clear	Stop	12V	21W
R921	W2.1x9.5d	921	Clear	Stop	12V	21W
R12028	W2.1x9.5D	503H	Clear	Capless Wedgebase	12V	10W
R12256	W2.1x9.5D	504	Clear	Capless Wedgebase	12V	3W



Non-halogen

Article	Base type	British standard	Color	Volt	Watt	Length	Height
R6718	BA20D	392	Clear	6V	25/25W	65.0mm	35.0mm
R6728	BA20D	393	Clear	6V	35/35W	65.0mm	35.0mm
R6748	BA20D	390	Clear	6V	45/40W	65.0mm	35.0mm
R7008	P26S	180	Clear	6V	15W	45.0mm	25.0mm
R13748	BA20D	398	Clear	24V	45-40W		



Other

Article	Base type	British standard	Color	Volt	Watt	Type	Diameter	Length
E2724V25W	E27		Clear	24V	25W	Dimmable Incandescent	Ø 60.0mm	107.5mm
E2724V40W	E27		Clear	24V	40W	Dimmable Incandescent	Ø 60.0mm	107.5mm
P650	TL307B		Clear	24V	2.8W	Miniature Edison Screw		
R12008	P26S	181	Clear	12V	15W	Non-Halogen	Ø 25.0mm	45.0mm
R6064	P26S	180H	Clear	6V	15W	Halogen specials		
R987	E10		Clear	12V	2.2W	bulb		24.0mm
E2724V60W	E27		Clear	24V	60W	Dimmable Incandescent		
P695	E10		Clear	24V	2.8W	bulb		
R434A	G4	P434A	Clear	12V	20W	Halogen specials		



Silicon cover

Article	Color	Type	Diameter	Length
CSS10G	Green	Silicone Covers	Ø 10mm	13.0mm
CSS10O	Orange	Silicone Covers	Ø 10mm	13.0mm
CSS10R	Red	Silicone Covers	Ø 10mm	13.0mm
CSS10U	Blue	Silicone Covers	Ø 10mm	13.0mm
CSS10Y	Yellow	Silicone Covers	Ø 10mm	13.0mm
CSS19G	Green	Silicone Covers	Ø 19mm	13.0mm
CSS19O	Orange	Silicone Covers	Ø 19mm	13.0mm
CSS19R	Red	Silicone Covers	Ø 19mm	13.0mm
CSS19U	Blue	Silicone Covers	Ø 19mm	13.0mm
CSS19Y	Yellow	Silicone Covers	Ø 19mm	13.0mm
CSS5G	Green	Silicone Covers	Ø 5mm	10.0mm
CSS5O	Orange	Silicone Covers	Ø 5mm	10.0mm
CSS5R	Red	Silicone Covers	Ø 5mm	10.0mm
CSS5U	Blue	Silicone Covers	Ø 5mm	10.0mm
CSS5Y	Yellow	Silicone Covers	Ø 5mm	10.0mm



Article	Base type standard	British	Color	Type	H	V	Watt	Diameter base	Height	Diameter lamp
Single Filament										
BL12972PR	PX26D	499S	Clear	Bulb H7	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12035CB	PX26D	499HWC	Cobalt Blue	Off road	H7	12V	100W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12035	PX26D	499HW	Clear	Off road	H7	12V	100W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12258AW	P14.5S	448F	All Weather	All Weather	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12258CB	P14.5S	448C	Cobalt Blue	Cobalt blue	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
Heavy Duty Long live										
R12258HDL	P14.5S	448XP	Clear	live	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12258S	P14.5S	448W	White	Power white	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12258VP	P14.5S	448PP	Clear	50%	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12258	P14.5S	448	Clear	Clear	H1	12V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12311	X511	479	Clear	clear	H2	12V	55W	Ø 19.7mm	30.0mm	Ø 8.1mm
R12336AW	PK22S	453F	All Weather	All Weather	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12336CB	PK22S	453C	Cobalt Blue	Cobalt blue	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
Heavy Duty Long live										
R12336HDL	PK22S	453XP	Long live	live	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12336S	PK22S	453W	Power White	Power White	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12336	PK22S	453	Clear	Clear	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12342	P43T	472	Clear	Clear	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12360	PGJ19-1	H08	Clear	Clear	H8	12V	35W	Ø 31.2mm	63.1mm	Ø 11.3mm
R12361	PGJ19-1	H09	Clear	Clear	H9	12V	65W	Ø 31.5mm	63.2mm	Ø 11.3mm
R12362	PGJ19-2	H11	Clear	Clear	H11	12V	55W	Ø 31.6mm	62.5mm	Ø 11.3mm
R12424	P14.5S	487	Clear	Off-Road	H1	12V	130W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12425CB	P14.5S	449C	Cobalt Blue	Off-Road	H1	12V	80W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12425	P14.5S	449	Clear	Off-Road	H1	12V	80W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12454AW	P14.5S	481F	Cobalt Blue	Off-Road	H1	12V	100W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12454	P14.5S	481	Clear	Off-Road	H1	12V	100W	Ø 24.0mm	56.1mm	Ø 8.1mm
Off-Road-All weather										
R12455AW	PK22S	483F	Clear	weather	H3	12V	100W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12455CB	PK22S	483C	Cobalt Blue	Off-Road	H3	12V	100W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12455	PK22S	483	Clear	Off-Road	H3	12V	100W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12458	P43T	472B	Clear	Clear	H4	12V	35/35W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12459	P43T	477	Clear	Off-Road	H4	12V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12507	X511	482	Clear	Off-Road	H2	12V	100W	Ø 19.7mm	30.0mm	Ø 8.1mm
R12568	P45T	485	Clear	Off-Road	H4	12V	100/80W	Ø 47.3mm	75.0mm	Ø 16.0mm
Off-Road All Weather										
R12569AW	P43T	484F	Clear	Weather	H4	12V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12569CB	P43T	484C	Cobalt Blue	Off-Road	H4	12V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12569S	P43T	484W	Powerwhite	Off-Road	H4	12V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12569	P43T	484	Clear	Off-Road	H4	12V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12593	P43T	473	Clear	Off-Road	H4	12V	100/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12596	P45T	HB12	Clear	Off-Road	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm



Article	Base type	British standard	Color	Type	H	V	Watt	Diameter base	Height	Diameter lamp
R12972AW	PX26D	499F	Clear	All Weather	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972CB	PX26D	499C	Cobalt Blue	Cobalt blue Heavy Duty	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972HDLL	PX26D	499XP	Clear	Long Life	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972LLG	PX26D	499LL	Clear	Long Life	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972S	PX26D	499W	white	Power white	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972VP	PX26D	499pp	Clear	50%	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R12972	PX26D	499	Clear	Clear	H7	12V	55W	Ø 33.8mm	54.5mm	Ø 10.7mm
R13258HDLL	P14.5S	466XP	Clear	Heavy Duty Long Life	H1	24V	70W	Ø 24.0mm	56.1mm	Ø 8.1mm
R13555	P45T	HB24	Clear	off road	H4	24V	75/70W	Ø 47.3mm	75.0mm	Ø 16.0mm
R13628	PK22S	493	Clear	off road	H3	24V	100W	Ø 21.7mm	39.3mm	Ø 10.0mm
R13972HDLL	PX26D	449XP	Clear	Heavy Duty Long live	H7	24V	70W	Ø 33.8mm	54.5mm	Ø 10.7mm
R13972HD	PX26D		Clear	Heavy Duty	H7	24V	70W	Ø 33.8mm	54.5mm	Ø 10.7mm
R13972	PX26D	499C	Clear	clear	H7	24V	70W	Ø 33.8mm	54.5mm	Ø 10.7mm
R24568	P45T	HB24R	Clear	off road	H4	24V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R24569	P43T	475R	Clear	off road	H4	24V	100/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R475S	P43T	475S	Clear	off road	H4	24V	130/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R486	P43T	486	Clear	off road	H4	12V	160/100W	Ø 47.3mm	75.0mm	Ø 16.0mm
R488	X511	488	Clear	off road	H2	12V	130W	Ø 19.7mm	30.0mm	Ø 8.1mm
R491	P14.5S	491	Clear	off road	H1	24V	100W	Ø 24.0mm	56.1mm	Ø 8.1mm
R492	X511	492	Clear	off road	H2	24V	100W	Ø 19.7mm	30.0mm	Ø 8.1mm
R495	X511	495	Clear	off road	H2	24V	120W	Ø 19.7mm	30.0mm	Ø 8.1mm
R496	PK22S	496	Clear	off road	H3	24V	130W	Ø 21.7mm	39.3mm	Ø 10.0mm
R6258	P14.5S	465	Clear	clear	H1	6V	55W	Ø 24.0mm	56.1mm	Ø 8.1mm
R6336	PK22S	455	Clear	clear	H3	6V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R6342	P43T	476	Clear	clear	H4	6V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R6458	P43T	476A	Clear	clear	H4	6V	35/35W	Ø 47.3mm	75.0mm	Ø 16.0mm
R6596	P45T	HB06	Clear	Clear	H4	6V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R9004	P29T	9004	Clear	Clear	HB1	12V	65/45W	Ø 42.5mm	96.2mm	Ø 16.0mm
R9005CB	P20D	9005C	Cobalt Blue	Cobalt Blue	HB3	12V	60W	Ø 32.9mm	65.6mm	Ø 10.7mm
R9005PR	P20D	9005S	Clear	30%	HB3	12V	60W	Ø 32.9mm	65.6mm	Ø 10.7mm
R9005XS	P20D	9005XS	Clear	Clear	HB3A	12V	60W	Ø 33.0mm	71.4mm	Ø 12.1mm
R9005	P20D	9005	Clear	Clear	HB3	12V	60W	Ø 32.9mm	65.6mm	Ø 10.7mm
R9006CB	P22D	9006C	Cobalt Blue	Cobalt blue	HB4	12V	60W	Ø 33.0mm	64.2mm	Ø 10.8mm
R9006	P22D	9006	Clear	Clear	HB4	12V	60W	Ø 33.0mm	64.2mm	Ø 10.8mm
R9007	PX29T	9007	Clear	clear	HB5	12V	65/55W	Ø 42.5mm	93.0mm	Ø 14.7mm



Headlight

Article	Base type	British standard	Color	Type	H	V	Watt	Diameter base	Height	Diameter lamp
R12336HD	PK22S	453	Clear	Heavy Duty	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12336PR	PK22S	453	Clear	30%	H3	12V	55W	Ø 21.7mm	39.3mm	Ø 10.0mm
R12342AW	P43T	472F	Clear	All Weather	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12342CB	P43T	472C	Cobalt Blue	Cobalt blue Heavy Duty	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12342HDLL	P43T	472XP	Clear	Long Life	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12342PR	P43T		Clear	30%	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12342S	P43T	472W	White	Power White	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12342VP	P43T	472PP	Clear	50%	H4	12V	60/55W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12349	P45T	478	Clear	Off Road	H4	12V	130/90W	Ø 47.3mm	75.0mm	Ø 16.0mm
R12454CB	P14.5S	481C	Cobalt Blue	Off Road Cobalt Blue	H1	12V	100W	Ø 24.0mm	56.1mm	Ø 8.1mm
R12475	P45T	410H	Clear	Clear	H4	12V	45/40W	Ø 47.3mm	75.0mm	Ø 16.0mm



Halogen specials

Article	Base type	British standard	Color	H	V	Watt	Diameter base	Height	Diameter lamp
R886	PGJ13	886	Clear	H9	12V	50W	Ø 31.5mm	63.2mm	Ø 11.3mm
R9055	PZ20D	PH12	Clear	H12	12V	53W		55.0mm	Ø 12.4mm



Indicator lights

Article	V	Color	Bezel	Hole size
E101NG	12V	Green		Ø 12.0mm
E101NR	12V	Red		Ø 12.0mm
E101NT	12V	Amber		Ø 12.0mm
E101NU	12V	Blue		Ø 12.0mm
E221T	12V	Amber	Chrome Bezel	Ø 12.0mm
E222U	12V	Blue	Chrome Bezel	Ø 12.0mm
E223G	12V	Green	Chrome Bezel	Ø 12.0mm
E224R	12V	Red	Chrome Bezel	Ø 12.0mm
E341T	12V	Amber		Ø 18.0mm
E342U	12V	Blue		Ø 18.0mm
E343G	12V	Green		Ø 18.0mm
E354R	12V	Red		Ø 18.0mm
E451T	12V	Amber		30.0mm x 12.0mm
E452U	12V	Blue		30.0mm x 12.0mm
E453G	12V	Green		30.0mm x 12.0mm
E454R	12V	Red		30.0mm x 12.0mm
LED001R	12V	Red		Ø 8.0mm
LED001U	12V	Blue		Ø 8.0mm
LED002R	12V	Red		Ø 8.0mm
LED002U	12V	Blue		Ø 8.0mm
LED003R	12V	Red		Ø 8.0mm



Non halogen

Article	Base type	British standard	Color	H	V	Watt	Height	Length
R12620Y	P45T	411	Yellow	H4	12V	45/40W	72.0mm	39.5mm
R12620	P45T	410	Clear	H4	12V	45/40W	72.0mm	39.5mm
R13620	P45T	429	Clear	H4	24V	55/55W	72.0mm	39.5mm
R6620	P45T	423	Clear	H4	6V	45/40W	72.0mm	39.5mm
RHB24S	P45T	HB24S	Clear	H4	24V	130/90W	75.0mm	





LED

Brightline	5.1
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LED Bars	5.2
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LED Strip

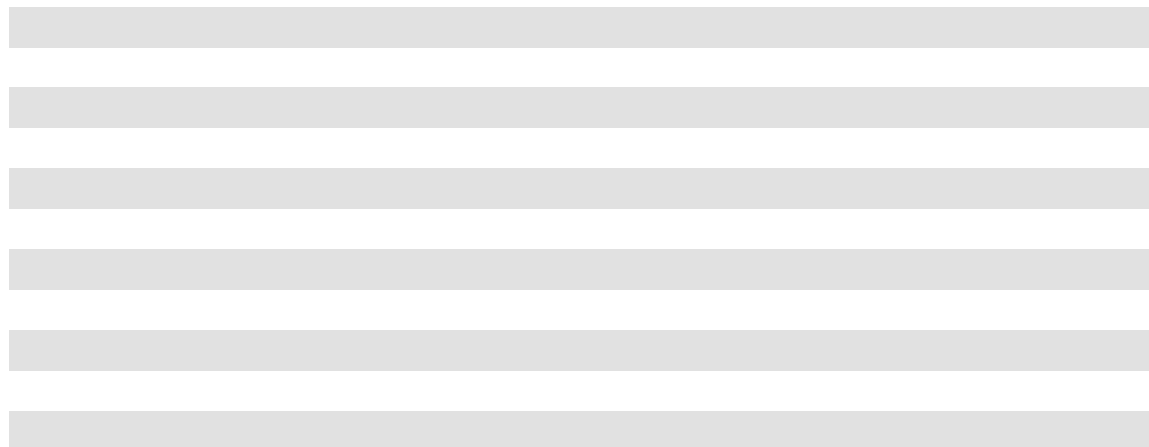
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5050 12V	5.5
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5050 24V	5.6
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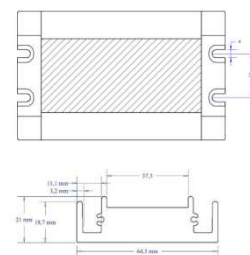
Worklamps	5.7
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Profile Casing: Aluminium anodised blanc 20µ Cover Acryl Satine 3mm Diffuse

View angle 120 degrees

With 2 meter 2x0.75mm² cable



Article	Light output	Input V	W	Length	Width	Height	Extra
BL-10DIM	900	9-30V	10W	184.0mm	64.0mm	21.0mm	dimnable version
BL-10PIR	900	9-30V	10W	184.0mm	64.0mm	21.0mm	passive infraredsensor
BL-12DF	1080	9-30V	12W	184.0mm	64.0mm	21.0mm	normal version
BL-12SW	1080	9-30V	12W	189.0mm	64.0mm	21.0mm	switch version
BL-16PIR	1440	9-30V	16W	504.0mm	64.0mm	21.0mm	passive infraredsensor
BL-18SW	1620	9-30V	18W	509.0mm	64.0mm	21.0mm	dimnable version
BL-18	1620	9-30V	18W	504.0mm	64.0mm	21.0mm	normal version
BL-30DF	2700	9-30V	30W	604.0mm	64.0mm	21.0mm	normal version
BL-30SW	2700	9-30V	30W	609.0mm	64.0mm	21.0mm	switch version
BL-4PIR	360	9-30V	4W	104.0mm	64.0mm	21.0mm	passive infraredsensor
BL-6CL	540	9-30V	6W	104.0mm	64.0mm	21.0mm	normal version
BL-6DF	540	9-30V	6W	104.0mm	64.0mm	21.0mm	switch version
BL-6SW	540	9-30V	6W	109.0mm	64.0mm	21.0mm	switch version
BL-6WCL	540	9-30V	6W	104.0mm	64.0mm	21.0mm	normal version
BL-6WDF	540	9-30V	6W	104.0mm	64.0mm	21.0mm	angle 40 degrees
BL-A12CW525		12V		525.0mm	18.5mm	13.4mm	angle 40 degrees
BL-A24CW1025L		24V		1025.0mm	18.5mm	13.4mm	angle 40 degrees
BL-A24CW1025R		24V		1025.0mm	18.5mm	13.4mm	angle 40 degrees
BL-A24CW525		24V		525.0mm	18.5mm	13.4mm	angle 40 degrees
BL-S							
BL12SW	1080	9-30V	12W	189.0mm	64.0mm	21.0mm	switch version
BL-10I	900	9-30V	10W		64.0mm	21.0mm	
BL-16DIM	1440	9-30V	16W	504.0mm	64.0mm	21.0mm	dimnable version
BL-4DIM	360	9-30V	4W	104.0mm	64.0mm	21.0mm	dimnable version



LED bar

BAR3528 = type led SMD3528

BAR5630 = type led SMD5630

WW = warm white

CW = cool white

WP = water proof

DP = dust proof

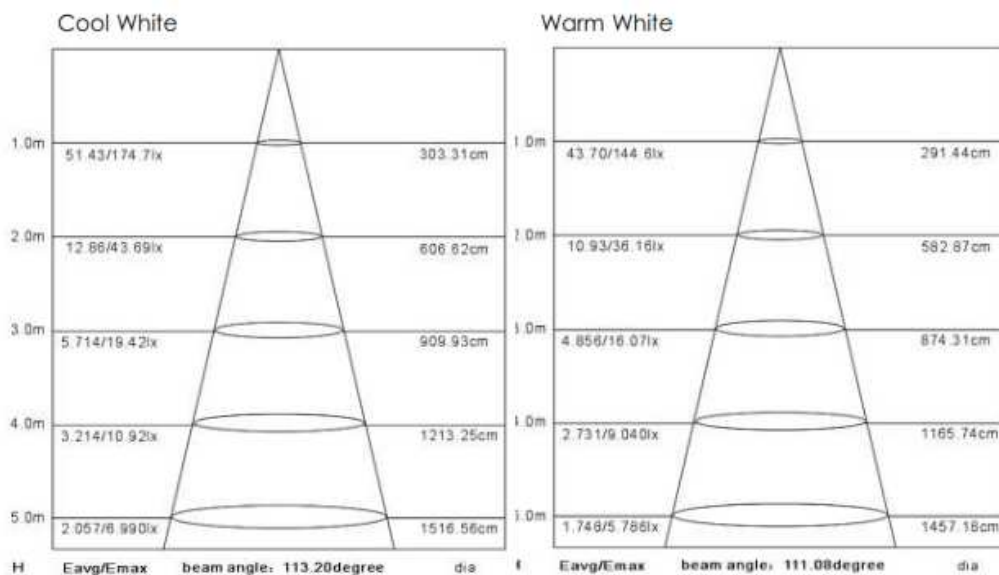


Article	No of leds	Power max	Lumer	Ip rating	Kelvin
BAR3528-12CW120D	60	9.6 Watt	540	IP60	5000 - 7000
BAR3528-12CW120W	60	9.6 Watt	540	IP67	5000 - 7000
BAR3528-12CW60DP	60	9.6 Watt	540	IP60	5000 - 7000
BAR3528-12WW120D	60	9.6 Watt	498	IP60	2600 - 3700
BAR3528-12WW120W	60	9.6 Watt	498	IP67	2600 - 3700
BAR3528-12WW60DP	60	9.6 Watt	498	IP60	2600 - 3700
BAR3528-12CW60WP	60	9.6 Watt	540	IP67	5000 - 7000
BAR3528-12WW60WP	60	9.6 Watt	498	IP67	2600 - 3700
BAR5630-12CW15DP	15	9.0 Watt	531	IP60	5000 - 7000
BAR5630-12CW15WP	15	9.0 Watt	531	IP67	5000 - 7000
BAR5630-12CW30DP	30	9.0 Watt	531	IP60	5000 - 7000
BAR5630-12CW30WP	30	9.0 Watt	531	IP67	5000 - 7000
BAR5630-12WW15DP	15	9.0 Watt	498	IP60	2600 - 3700
BAR5630-12WW15WP	15	9.0 Watt	498	IP67	2600 - 3700
BAR5630-12WW30DP	30	9.0 Watt	498	IP60	2600 - 3700
BAR5630-12WW30WP	30	9.0 Watt	498	IP67	2600 - 3700
BARACC-REVOLT	revolting clip				
BARACC-MM	male-male connect				
BARACC-WIREMF	Connect wire male-female				



BARACC-WIREMM

Connect wire male-male



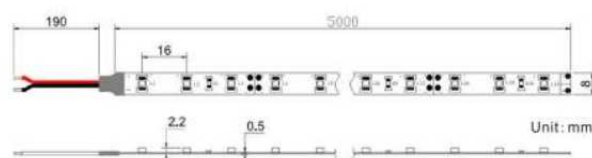
3528 12V

Lumen per led : 4.8-6.0 Lm

A= Epoxy resin

B= Silicon tube

C= Silicone tube filled



Article	V	Color ledstrip	Led per m	PCB size	Power max	Ip rating	Kelvin
3528-12BLU120A	12V	Blue	120	10.0mm	48W	IP 63	465- 470nm
3528-12BLU120B	12V	Blue	120	10.0mm	48W	IP 67	465- 470nm
3528-12BLU120C	12V	Blue	120	10.0mm	48W	IP 67	465- 470nm
3528-12BLU60A	12V	Blue	60	8.0mm	24W	IP 63	465- 470nm
3528-12BLU60B	12V	Blue	60	8.0mm	24W	IP 67	465- 470nm
3528-12BLU60C	12V	Blue	60	8.0mm	24W	IP 67	465- 470nm
3528-12CW120A	12V	Cool White	120	10.0mm	48W	IP 63	6000- 7000K
3528-12CW120B	12V	Cool White	120	10.0mm	48W	IP 67	6000- 7000K
3528-12CW120C	12V	Cool White	120	10.0mm	48W	IP 67	6000- 7000K
3528-12CW60A	12V	Cool White	60	8.0mm	24W	IP 63	6000- 7000K
3528-12CW60B	12V	Cool White	60	8.0mm	24W	IP 67	6000- 7000K
3528-12CW60C	12V	Cool White	60	8.0mm	24W	IP 67	6000- 7000K
3528-12RED120A	12V	Red	120	10.0mm	48W	IP 63	620- 625nm
3528-12RED120B	12V	Red	120	10.0mm	48W	IP 67	620- 625nm
3528-12RED120C	12V	Red	120	10.0mm	48W	IP 67	620- 625nm
3528-12RED60A	12V	Red	60	8.0mm	24W	IP 63	620- 625nm
3528-12RED60B	12V	Red	60	8.0mm	24W	IP 67	620- 625nm
3528-12RED60C	12V	Red	60	8.0mm	24W	IP 67	620- 625nm
3528-12WW120A	12V	Warm White	120	10.0mm	48W	IP 63	3000- 3500K
3528-12WW120B	12V	Warm White	120	10.0mm	48W	IP 67	3000- 3500K
3528-12WW120C	12V	Warm White	120	10.0mm	48W	IP 67	3000- 3500K
3528-12WW60A	12V	Warm White	60	8.0mm	24W	IP 63	3000- 3500K
3528-12WW60B	12V	Warm White	60	8.0mm	24W	IP 67	3000- 3500K
3528-12WW60C	12V	Warm White	60	8.0mm	24W	IP 67	3000- 3500K

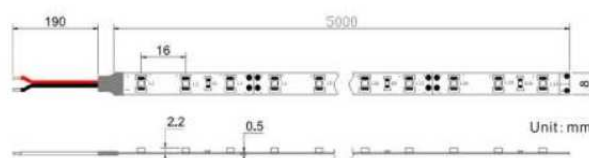


Lumen per led: 4.8-6.0 Lm

A= Epoxy resin

B= Silicone tube

C= Silicone tube filled



Article	V	Color ledstrip	Led per m	PCB size	Power max	Ip rating	Kelvin
3528-24BLU120A	24V	Blue	120	10.0mm	48W	IP 63	465- 470nm
3528-24BLU120B	24V	Blue	120	10.0mm	48W	IP 67	465- 470nm
3528-24BLU120C	24V	Blue	120	10.0mm	48W	IP 67	465- 470nm
3528-24BLU60A	24V	Blue	60	8.0mm	24W	IP 63	465- 470nm
3528-24BLU60B	24V	Blue	60	8.0mm	24W	IP 67	465- 470nm
3528-24BLU60C	24V	Blue	60	8.0mm	24W	IP 67	465- 470nm
3528-24CW120A	24V	Cool White	120	10.0mm	48W	IP 63	6000- 7000K
3528-24CW120B	24V	Cool White	120	10.0mm	48W	IP 67	6000- 7000K
3528-24CW120C	24V	Cool White	120	10.0mm	48W	IP 67	6000- 7000K
3528-24CW60A	24V	Cool White	60	8.0mm	24W	IP 63	6000- 7000K
3528-24CW60B	24V	Cool White	60	8.0mm	24W	IP 67	6000- 7000K
3528-24CW60C	24V	Cool White	60	8.0mm	24W	IP 67	6000- 7000K
3528-24RED120A	24V	Red	120	10.0mm	48W	IP 63	620- 625nm
3528-24RED120B	24V	Red	120	10.0mm	48W	IP 67	620- 625nm
3528-24RED120C	24V	Red	120	10.0mm	48W	IP 67	620- 625nm
3528-24RED60A	24V	Red	60	8.0mm	24W	IP 63	620- 625nm
3528-24RED60B	24V	Red	60	8.0mm	24W	IP 67	620- 625nm
3528-24RED60C	24V	Red	60	8.0mm	24W	IP 67	620- 625nm
3528-24WW120A	24V	Warm White	120	10.0mm	48W	IP 63	3000- 3500K
3528-24WW120B	24V	Warm White	120	10.0mm	48W	IP 67	3000- 3500K
3528-24WW120C	24V	Warm White	120	10.0mm	48W	IP 67	3000- 3500K
3528-24WW60A	24V	Warm White	60	8.0mm	24W	IP 63	3000- 3500K
3528-24WW60B	24V	Warm White	60	8.0mm	24W	IP 67	3000- 3500K
3528-24WW60C	24V	Warm White	60	8.0mm	24W	IP 67	3000- 3500K



5050 12V

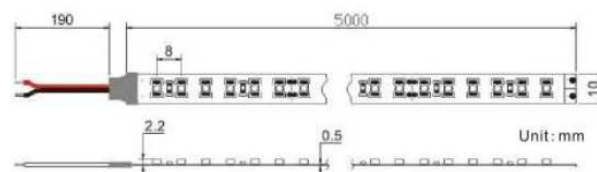
Lumen per led: 17.0-20.0 Lm

A= Epoxy resin

B=Silicon tube

C= Silicon tube filled

PCB size 10.0mm



Article	V	Color ledstrip	Led per m	Power max	Ip rating	Kelvin
5050-12BLU30A	12V	Blue	30	36W	IP 63	465- 470nm
5050-12BLU30B	12V	Blue	30	36W	IP 67	465- 470nm
5050-12BLU30C	12V	Blue	30	36W	IP 67	465- 470nm
5050-12BLU60A	12V	Blue	60	72W	IP 63	465- 470nm
5050-12BLU60B	12V	Blue	60	72W	IP 67	465- 470nm
5050-12BLU60C	12V	Blue	60	72W	IP 67	465- 470nm
5050-12CW30A	12V	Cool White	30	36W	IP 63	6000- 7000K
5050-12CW30B	12V	Cool White	30	36W	IP 67	6000- 7000K
5050-12CW30C	12V	Cool White	30	36W	IP 67	6000- 7000K
5050-12CW60A	12V	Cool White	60	72W	IP 63	6000- 7000K
5050-12CW60B	12V	Cool White	60	72W	IP 67	6000- 7000K
5050-12CW60C	12V	Cool White	60	72W	IP 67	6000- 7000K
5050-12RED30A	12V	Red	30	36W	IP 63	620- 625nm
5050-12RED30B	12V	Red	30	36W	IP 67	620- 625nm
5050-12RED30C	12V	Red	30	36W	IP 67	620- 625nm
5050-12RED60A	12V	Red	60	72W	IP 63	620- 625nm
5050-12RED60B	12V	Red	60	72W	IP 67	620- 625nm
5050-12RED60C	12V	Red	60	72W	IP 67	620- 625nm
5050-12RGB30A	12V	RGB	30	36W	IP 63	
5050-12RGB30B	12V	RGB	30	36W	IP 67	
5050-12RGB30C	12V	RGB	30	36W	IP 67	
5050-12RGB60A	12V	RGB	60	72W	IP 63	
5050-12RGB60B	12V	RGB	60	72W	IP 67	
5050-12RGB60C	12V	RGB	60	72W	IP 67	
5050-12WW60A	12V	Warm White	30	36W	IP 63	3000- 3500K
5050-12WW60B	12V	Warm White	30	36W	IP 67	3000- 3500K
5050-12WW60C	12V	Warm White	30	36W	IP 67	3000- 3500K
5050-12WW60A	12V	Warm White	60	72W	IP 63	3000- 3500K
5050-12WW60B	12V	Warm White	60	72W	IP 67	3000- 3500K
5050-12WW60C	12V	Warm White	60	72W	IP 67	3000- 3500K



5050 24V

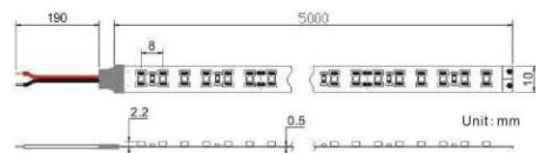
Lumen per led: 17.0-20.0 Lm

A= Epoxy resin

B= Silicone tube

C= Silicone tube filled

PCB size 10.0mm



Article	V	Color ledstrip	Led per m	Power max	Ip rating	Kelvin
5050-24BLU30A	24V	Blue	30	36W	IP 63	465- 470nm
5050-24BLU30B	24V	Blue	30	36W	IP 67	465- 470nm
5050-24BLU30C	24V	Blue	30	36W	IP 67	465- 470nm
5050-24BLU60A	24V	Blue	60	72W	IP 63	465- 470nm
5050-24BLU60B	24V	Blue	60	72W	IP 67	465- 470nm
5050-24BLU60C	24V	Blue	60	72W	IP 67	465- 470nm
5050-24CW30A	24V	Cool White	30	36W	IP 63	6000- 7000K
5050-24CW30B	24V	Cool White	30	36W	IP 67	6000- 7000K
5050-24CW30C	24V	Cool White	30	36W	IP 67	6000- 7000K
5050-24CW60A	24V	Cool White	60	72W	IP 63	6000- 7000K
5050-24CW60B	24V	Cool White	60	72W	IP 67	6000- 7000K
5050-24CW60C	24V	Cool White	60	72W	IP 67	6000- 7000K
5050-24RED30A	24V	Red	30	36W	IP 63	620- 625nm
5050-24RED30B	24V	Red	30	36W	IP 67	620- 625nm
5050-24RED30C	24V	Red	30	36W	IP 67	620- 625nm
5050-24RED60A	24V	Red	60	72W	IP 63	620- 625nm
5050-24RED60B	24V	Red	60	72W	IP 67	620- 625nm
5050-24RED60C	24V	Red	60	72W	IP 67	620- 625nm
5050-24RGB30A	24V	RGB	30	36W	IP 63	
5050-24RGB30B	24V	RGB	30	36W	IP 67	
5050-24RGB30C	24V	RGB	30	36W	IP 67	
5050-24RGB60A	24V	RGB	60	72W	IP 63	
5050-24RGB60B	24V	RGB	60	72W	IP 67	
5050-24RGB60C	24V	RGB	60	72W	IP 67	
5050-24WW30A	24V	Warm White	30	36W	IP 63	3000- 3500K
5050-24WW30B	24V	Warm White	30	36W	IP 67	3000- 3500K
5050-24WW30C	24V	Warm White	30	36W	IP 67	3000- 3500K
5050-24WW60A	24V	Warm White	60	72W	IP 63	3000- 3500K
5050-24WW60B	24V	Warm White	60	72W	IP 67	3000- 3500K
5050-24WW60C	24V	Warm White	60	72W	IP 67	3000- 3500K



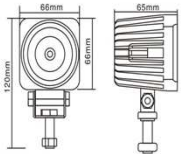
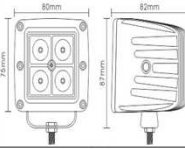
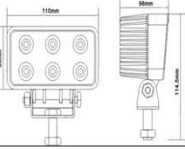
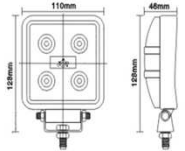
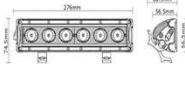
Worklamps

Volt range 10-30V Dc

Color 6000K

Housing casting aluminium with heatshrink

Lifetime 30000 hours

SQ1045 (Flood 45°) SQ1008 (Spot 8°)		66mm*66mm*65mm	10W	1x10W Cree High Power LED	900 lm	1A @ 12V 0.5A@24V	Toughed Glass		Mounting Bracket Stainless Steel
SQ1408 (Spot 8°) SQ1495 (Flood 95°)		110mm*60mm*56mm	16W	4x 4W High Intensity CREE LEDs	1080 lm	1.34 @ 12V 0.67A@24V	PMMA		Mounting Bracket Stainless Steel
SE1840 (Flood beam pattern 60°) SE1830 (Narrow Flood beam pattern 30°)		110mm*60mm*56mm	18W	6 x 3W Epistar or High Power Leds	1020 lm	1.4A @ 12V 0.85A@24V	PC		Mounting Bracket Stainless Steel
SQ1540 (Flood beam pattern 60°) SQ1530 (Narrow Flood beam pattern 30°)		110mm*128mm*48mm	15W	5 x 3W Epistar or High Power Leds	850 Lm	1.4A @ 12V 0.85A@24V	PC		Mounting Bracket Stainless Steel
RE3008 (Spot beam pattern 8°) RE30120 (Wide Flood beam pattern 120°)		276mm*75mm*57mm	30W	6pcs*5w high intensity CREE LEDs	2700 lm	2.40A @ 12V 1.12A@24V	PC		Aluminium



Assembly materials

Cable clamps

Metal/rubber	6.2
PVC	6.2

Cable ties

Anchor ties	6.3
Cable tray fixing	6.3
Cinturing	6.3
Eyelet ties	6.4
Marker	6.4
Metal clip	6.4
Releasable	6.5
Stainless steel	6.5
Standard	6.6

Cable glands

	6.7
90	6.8
CHG	6.8

T-connector

	6.9
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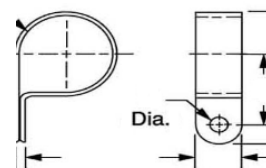
Convoluted tubing

Non split tubing	6.11
Split tubing	6.11

Cable clamps metal/rubber

The diameter has been measured while the clamp was holding closed.

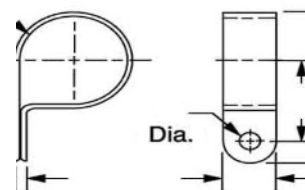
Article	Fixinghole	Cable entry	Cable clamp width	Material
RIC6	Ø 6.3mm	5.5mm	16.5mm	Metal / Rubber
RIC10	Ø 6.3mm	8.5mm	16.5mm	Metal / Rubber
RIC13	Ø 6.3mm	11.0mm	17.0mm	Metal / Rubber
RIC16	Ø 6.3mm	13.0mm	17.0mm	Metal / Rubber
RIC19	Ø 6.3mm	16.5mm	17.0mm	Metal / Rubber
RIC22	Ø 6.3mm	19.5mm	17.0mm	Metal / Rubber
RIC25	Ø 6.3mm	21.5mm	17.0mm	Metal / Rubber



Cable clamps PVC

Each cable clamp has a diameter size number (Inches) in front.
 The diameter has been measured while the clamp was holding closed.

Article	Fixinghole	Cable entry	Cable clamp width	Material
X0	Ø 4.6mm	3.3mm	9.4mm	PVC
X1	Ø 4.6mm	5.0mm	9.0mm	PVC
X2	Ø 4.6mm	6.6mm	9.0mm	PVC
X11	Ø 4.6mm	15.9mm	12.8mm	PVC
X14	Ø 4.6mm	22.6mm	11.8mm	PVC
X16	Ø 4.6mm	27.5mm	12.5mm	PVC
X18	Ø 4.6mm	30.0mm	12.4mm	PVC
X20	Ø 4.6mm	36.5mm	12.3mm	PVC



Anchor ties

Article	Length	Width	Color	Strength	Max bundle
PMT155	155mm	3.5mm	White	13 kgs	Ø 38mm
PMT200	200mm	4.8mm	White	22 kgs	Ø 50mm



Cable tray fixing

Article	Length	Width	Color	Strength	Max bundle
PEF120	Cable Tray Fixing	24+270mm	7.8mm	Black	55 kgs

Cinturing

Article	Length	Width	Color	Strength	Max bundle
LOK115B	115mm	6.0mm	Black	25 kgs	Ø 25mm
LOK175B	180mm	9.0mm	Black	35 kgs	Ø 40mm
LOK180B	180mm	6.0mm	Black	25 kgs	Ø 45mm
LOK275B	260mm	9.0mm	Black	50 kgs	Ø 70mm
LOK290B	290mm	6.0mm	Black	25 kgs	Ø 78mm
LOK350B	350mm	9.0mm	Black	50 kgs	Ø 100mm
LOK365B	365mm	6.0mm	Black	25 kgs	Ø 100mm

Eyelet ties

Article	Length	Width	Color	Strength	Max bundle
HCT150	150mm	3.6mm	White	13 kgs	Ø 32mm
HCT200W	200mm	4.8mm	White	12 kgs	Ø 54mm
HCT215	200mm	7.8mm	White	55 kgs	Ø 50mm
HCT300W	300mm	7.8mm	White	55 kgs	Ø 75mm
HCT380	380mm	7.8mm	White	55 kgs	Ø 104mm



Marker

Article	Length	Width	Color	Strength	Max bundle
MCT100	100mm	4.8mm	White	8 kgs	Ø 18mm
MCT188	190mm	4.8mm	White	22 kgs	Ø 48mm
MCT200	200mm	2.5mm	White	8 kgs	Ø 50mm
MCT270	270mm	4.8mm	White	22 kgs	Ø 68mm



Metal clip

Article	Length	Width	Color	Strength	Max bundle
SCT20074WL	200mm	7.4mm	White	55 kgs	Ø 50mm
SCT30074B	300mm	7.4mm	Black	55 kgs	Ø 80mm
SCT30074WL	300mm	7.4mm	White	55 kgs	Ø 80mm
SCT20074B	200mm	7.4mm	Black	55 kgs	Ø 50mm
SCT28046B	280mm	4.6mm	Black	22 kgs	Ø 75mm
SCT36074W	360mm	7.4mm	White	55 kgs	Ø 95mm

Releasable

Article	Length	Width	Color	Strength	Max bundle
RCT200B	200mm	7.5mm	Black	30 kgs	Ø 50mm
RCT250B	250mm	7.5mm	Black	30 kgs	Ø 65mm
RCT350B	350mm	7.5mm	Black	30 kgs	Ø 110mm

Stainless steel

Article	Length	Width	Color	Strength	Max bundle
SST15245	152mm	4.5mm	Stainless Steel	45 kgs	Ø 25mm
SST20080	200mm	8.0mm	Stainless Steel	113 kgs	Ø 50mm
SST36080	360mm	8.0mm	Stainless Steel	113 kgs	Ø 102mm
SST52080	520mm	8.0mm	Stainless Steel	113 kgs	Ø 152mm
SST68080	680mm	8.0mm	Stainless Steel	113 kgs	Ø 203mm
SST36045	360mm	4.5mm	Stainless Steel	45 kgs	Ø 102mm
SST52045	520mm	4.5mm	Stainless Steel	45 kgs	Ø 152mm
SST68045	680mm	4.5mm	Stainless Steel	45 kgs	Ø 203mm

Working temperature : -40°C to +85°C

Tightening temperature : -10°C to +60°C

Humidity absorbtion : 2.5% (50% relative humidity)

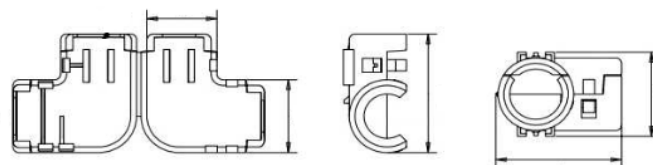
Article	Length	Width	Color	Strength	Max bundle
NCS100B	98mm	2.5mm	Black	8 kgs	Ø 21mm
NCS100G	98mm	2.5mm	Green	8 kgs	Ø 21mm
NCS100R	98mm	2.5mm	Red	8 kgs	Ø 21mm
NCS100W	98mm	2.5mm	White	8 kgs	Ø 21mm
NCS100Y	98mm	2.5mm	Yellow	8 kgs	Ø 21mm
NCS12045B	120mm	4.5mm	Black	20 kgs	Ø 24mm
NCS12045W	120mm	4.5mm	White	20 kgs	Ø 24mm
NCS120B	120mm	4.5mm	Black	20 kgs	Ø 24mm
NCS130B	135mm	2.5mm	Black	8 kgs	Ø 32mm
NCS130W	135mm	2.5mm	White	8 kgs	Ø 32mm
NCS140B	140mm	3.6mm	Black	13 kgs	Ø 35mm
NCS140R	140mm	3.6mm	Red	13 kgs	Ø 35mm
NCS140U	140mm	3.6mm	Blue	13 kgs	Ø 35mm
NCS140W	140mm	3.6mm	White	13 kgs	Ø 35mm
NCS16029B	160mm	2.6mm	Black	8 kgs	Ø 40mm
NCS16029W	160mm	2.6mm	White	8 kgs	Ø 40mm
NCS160B	160mm	4.5mm	Black	20 kgs	Ø 40mm
NCS160W	160mm	4.5mm	White	20 kgs	Ø 40mm
NCS178B	178mm	4.8mm	Black	22 kgs	Ø 45mm
NCS178W	178mm	4.8mm	White	22 kgs	Ø 45mm
NCS180B	180mm	7.8mm	Black	55 kgs	Ø 45mm
NCS180W	180mm	7.8mm	White	55 kgs	Ø 45mm
NCS20036B	200mm	3.6mm	Black	13 kgs	Ø 50mm
NCS20036U	200mm	3.6mm	Blue	13 kgs	Ø 50mm
NCS20036W	200mm	3.6mm	Black	13 kgs	Ø 50mm
NCS20036Y	200mm	3.6mm	Blue	13 kgs	Ø 50mm
NCS200B	200mm	4.8mm	Black	13 kgs	Ø 50mm
NCS200G	200mm	4.8mm	Green	15 kgs	Ø 52mm
NCS200R	200mm	4.8mm	Red	16 kgs	Ø 53mm
NCS200U	200mm	4.8mm	Blue	17 kgs	Ø 54mm
NCS200W	200mm	4.8mm	White	18 kgs	Ø 55mm
NCS200Y	200mm	4.8mm	Yellow	20 kgs	Ø 57mm
NCS202B	200mm	2.6mm	Black	8 kgs	Ø 52mm
NCS202W	200mm	2.6mm	White	8 kgs	Ø 52mm
NCS240B	240mm	7.8mm	Black	55 kgs	Ø 63mm
NCS240W	240mm	7.8mm	White	55 kgs	Ø 63mm
NCS25048B	250mm	4.8mm	Black	22 kgs	Ø 68mm
NCS25048R	250mm	4.8mm	Red	22 kgs	Ø 68mm
NCS25048W	250mm	4.8mm	White	22 kgs	Ø 68mm
NCS29036B	290mm	3.6mm	Black	13 kgs	Ø 80mm
NCS29036W	290mm	3.6mm	White	13 kgs	Ø 80mm
NCS290B	290mm	4.8mm	Black	22 kgs	Ø 79mm
NCS290G	290mm	4.8mm	Green	22 kgs	Ø 79mm
NCS290R	290mm	4.8mm	Red	22 kgs	Ø 79mm
NCS290U	290mm	4.8mm	Blue	22 kgs	Ø 79mm
NCS290W	290mm	4.8mm	White	22 kgs	Ø 79mm
NCS290Y	290mm	4.8mm	Yellow	22 kgs	Ø 79mm
NCS30078B	300mm	7.8mm	Black	55 kgs	Ø 80mm
NCS30078W	300mm	7.8mm	Yellow	55 kgs	Ø 80mm
NCS360B	360mm	4.8mm	Black	22 kgs	Ø 103mm
NCS360W	360mm	4.8mm	White	22 kgs	Ø 103mm
NCS37036B	370mm	3.6mm	Black	13 kgs	Ø 103mm
NCS37036W	370mm	3.6mm	White	13 kgs	Ø 103mm
NCS370B	300mm	7.8mm	Black	55 kgs	Ø 80mm
NCS370W	300mm	7.8mm	White	55 kgs	Ø 80mm
NCS42048B	430mm	4.8mm	Black	22 kgs	Ø 115mm
NCS42048W	430mm	4.8mm	White	22 kgs	Ø 115mm
NCS450B	450mm	7.8mm	Black	55 kgs	Ø 130mm
NCS450W	450mm	7.8mm	White	55 kgs	Ø 130mm
NCS545B	540mm	7.8mm	Black	55 kgs	Ø 158mm
NCS545W	540mm	7.8mm	White	55 kgs	Ø 158mm
NCS720B	750mm	7.8mm	Black	55 kgs	Ø 200mm
NCS78090B	750mm	9.0mm	Black	71 kgs	Ø 233mm
NCS100U	98mm	2.5mm	Blue	8 kgs	Ø 21mm
NCS200S	200mm	4.8mm	Grey	22 kgs	Ø 50mm
NCS10012B	1000mm	12.5mm	Black	110 kgs	Ø 302mm
NCS22512B	225mm	12.5mm	Black	110 kgs	Ø 57mm
NCS50012B	500mm	12.5mm	Black	110 kgs	Ø 143mm
NCS50012W	500mm	12.5mm	White	110 kgs	Ø 143mm
NCS85012B	850mm	12.5mm	Black	110 kgs	Ø 255mm
MAP701	98mm	2.5mm	White	8 kgs	Ø 21mm
MAP702	200mm	4.8mm	White	22 kgs	Ø 50mm
MAP703	290mm	4.8mm	White	23 kgs	Ø 79mm



Article	Cable entry	Color	Extra info
GL11-13	13.0mm ² -18.0mm ²	Black	PG-21
GL4.5		Black	PG-9
GL6	5.0mm ² -10.0mm ²	Black	PG-11
GL9	6.0mm ² -12.0 mm ²	Black	PG13.5
GL23-26	22.0mm ² -32.0mm ²	Black	PG-36
GL29	30.0mm ² -38.0mm ²	Black	PG-42
GL32	34.0mm ² -44.0mm ²	Black	PG-48
PG7		Black	PG-7



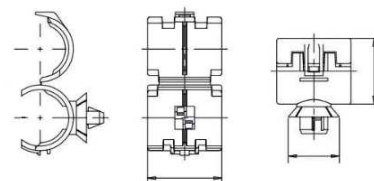
Fixed to metal sheet 0.7 to 2.5 mm in thickness, oblong hole
 * Spigot for 3 mm metal sheet.



Article	Diameter main tubing	Diameter 1
EL11/11	11.0mm	11.0mm
EL16/16	16.0mm	16.0mm
EL19/19	19.0mm	19.0mm

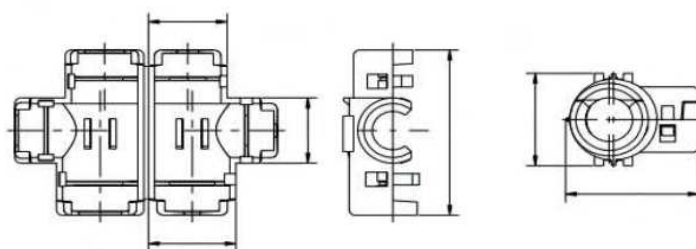


CHG



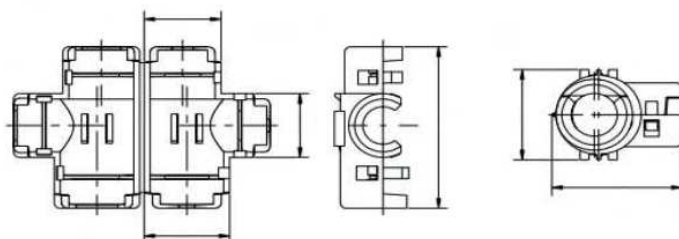
Article	Diameter main tubing	Diameter 1
CHG6	6.0mm	
CHG9	9.0mm	
CHG16	16.0mm	
CHG19	19.0mm	
CHG23/26	23.0mm	26.0mm





Article	Diameter main tubing	Diameter 1	Diameter 2	Extra	No of ways
T111111	11.0mm	11.0mm	11.0mm		3
T11116	11.0mm	11.0mm	6.0mm		3
T11119	11.0mm	11.0mm	9.0mm		3
T131313	13.0mm	13.0mm	13.0mm		3
T13911	13.0mm	9.0mm	11.0mm		3
T1399	13.0mm	9.0mm	9.0mm		3
T13999	13.0mm	9.0mm	2 x 9.0mm		4
T16139	16.0mm	13.0mm	9.0mm		3
T161611	16.0mm	16.0mm	11.0mm		3
T161613	16.0mm	16.0mm	13.0mm		3
T161616	16.0mm	16.0mm	16.0mm		3
T16169	16.0mm	16.0mm	9.0mm		3
T191911	19.0mm	19.0mm	11.0mm		3
T191913	19.0mm	19.0mm	13.0mm		3
T191916	19.0mm	19.0mm	16.0mm		3
T191919	19.0mm	19.0mm	19.0mm		3
T19191966	19.0mm	19.0mm	19.0mm	2 x 6.0mm	5
T191923	19.0mm	19.0mm	23.0mm		3
T1919666	19.0mm	19.0mm	3 x 6.0mm		5
T19199	19.0mm	19.0mm	9.0mm		3
T232313	23.0mm	23.0mm	13.0mm		3
T232323	23.0mm	23.0mm	23.0mm		3
T262613	26.0mm	26.0mm	13.0mm		3
T262616	26.0mm	26.0mm	16.0mm		3
T262626	26.0mm	26.0mm	26.0mm		3
T26269	26.0mm	26.0mm	9.0mm		3
T291916	29.0mm	19.0mm	16.0mm		3
T291926	29.0mm	19.0mm	26.0mm		3
T322923	32.0mm	29.0mm	23.0mm		3
T322926	32.0mm	29.0mm	26.0mm		3





Article	Diameter main tubing	Diameter 1	Diameter 2	Extra	No of ways
T111111	11.0mm	11.0mm	11.0mm		3
T11116	11.0mm	11.0mm	6.0mm		3
T11119	11.0mm	11.0mm	9.0mm		3
T131313	13.0mm	13.0mm	13.0mm		3
T13911	13.0mm	9.0mm	11.0mm		3
T1399	13.0mm	9.0mm	9.0mm		3
T13999	13.0mm	9.0mm	2 x 9.0mm		4
T16139	16.0mm	13.0mm	9.0mm		3
T161611	16.0mm	16.0mm	11.0mm		3
T161613	16.0mm	16.0mm	13.0mm		3
T161616	16.0mm	16.0mm	16.0mm		3
T16169	16.0mm	16.0mm	9.0mm		3
T191911	19.0mm	19.0mm	11.0mm		3
T191913	19.0mm	19.0mm	13.0mm		3
T191916	19.0mm	19.0mm	16.0mm		3
T191919	19.0mm	19.0mm	19.0mm		3
T19191966	19.0mm	19.0mm	19.0mm	2 x 6.0mm	5
T191923	19.0mm	19.0mm	23.0mm		3
T1919666	19.0mm	19.0mm	3 x 6.0mm		5
T19199	19.0mm	19.0mm	9.0mm		3
T232313	23.0mm	23.0mm	13.0mm		3
T232323	23.0mm	23.0mm	23.0mm		3
T262613	26.0mm	26.0mm	13.0mm		3
T262616	26.0mm	26.0mm	16.0mm		3
T262626	26.0mm	26.0mm	26.0mm		3
T26269	26.0mm	26.0mm	9.0mm		3
T291916	29.0mm	19.0mm	16.0mm		3
T291926	29.0mm	19.0mm	26.0mm		3
T322923	32.0mm	29.0mm	23.0mm		3
T322926	32.0mm	29.0mm	26.0mm		3



Non split

Fire resistance: FMVSS 302

Working temperature : -30/+100°C

Density : 0.91

resistance break mpa : 26

resistance break 527 : 400

Self-Extinguishing polypropylene ISO1183/ FMVSS 302

Article	Inside diameter	Outside diameter	Minimum curve	Color
NSCT4.5	4.5 mm	7.2 mm	21.5 mm	Black
NSCT6	6.0 mm	9.6 mm	28.5 mm	Black
NSCT9	9.0 mm	13.3 mm	40.0 mm	Black
NSCT11	11.0 mm	16.4 mm	49.0 mm	Black
NSCT13	13.0 mm	18.4 mm	55.5 mm	Black
NSCT16	16.0 mm	21.2 mm	63.5 mm	Black
NSCT16ORG	16.0 mm	21.2 mm	63.5 mm	Orange
NSCT19	19.0 mm	24.0 mm	72.5 mm	Black
NSCT23	23.0 mm	28.6 mm	86.0 mm	Black
NSCT23ORG	23.0 mm	28.6 mm	86.0 mm	Orange
NSCT26	26.0 mm	32.0 mm	95.0 mm	Black
NSCT26ORG	26.0 mm	32.0 mm	95.0 mm	Orange
NSCT29	29.0 mm	36.0 mm	108 mm	Black
NSCT29ORG	29.0 mm	36.0 mm	108 mm	Orange
NSCT32	32.0 mm	32.0 mm	95.0 mm	Black
NSCT32ORG	32.0 mm	32.0 mm	95.0 mm	Orange



Split

Fire resistance: FMVSS 302

Working temperature : -30/+100°C

Density : 0.91

resistance break mpa : 26

resistance break 527 : 400

Self-Extinguishing polypropylene ISO1183/ FMVSS 302

Article	Inside diameter	Outside diameter	Minimum curve	Color
SCT4.5	4.5 mm	7.2 mm	21.5 mm	Black
SCT6	6.0 mm	9.6 mm	28.5 mm	Black
SCT9	9.0 mm	13.3 mm	40.0 mm	Black
SCT11	11.0 mm	16.4 mm	49.0 mm	Black
SCT13	13.0 mm	18.4 mm	55.5 mm	Black
SCT16	16.0 mm	21.2 mm	63.5 mm	Black
SCT19	19.0 mm	24.0 mm	72.5 mm	Black
SCT23	23.0 mm	28.6 mm	86.0 mm	Black
SCT26	26.0 mm	32.0 mm	95.0 mm	Black
SCT29	29.0 mm	36.0 mm	108.0 mm	Black
SCT32	32.0 mm	32.0 mm	95.0 mm	Black



Blanking plugs

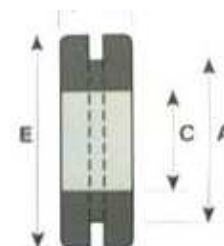
Acid resistant
 Temperature -40°C + 135°C.

Article	Plate thickness	Outer diameter	Drilling hole	Material
BG1	1.6mm	Ø 9.5mm	Ø 6.4mm	Black PVC
BG2	1.6mm	Ø 14.2mm	Ø 8.4mm	Black PVC
BG3	1.6mm	Ø 15.4mm	Ø 9.5mm	Black PVC
BG4	1.6mm	Ø 18.7mm	Ø 12.5mm	Black PVC
BG5	1.6mm	Ø 22.0mm	Ø 15.5mm	Black PVC
BG6	1.6mm	Ø 25.5mm	Ø 19.0mm	Black PVC
BG7	1.6mm	Ø 28.5mm	Ø 22.5mm	Black PVC
BG8	1.6mm	Ø 32.0mm	Ø 25.4mm	Black PVC
BG12	1.6mm	Ø 17mm	Ø 11.5mm	Black PVC
BG20	1.6mm	Ø 25.0mm	Ø 20.0mm	Black PVC
BG32	1.6mm	Ø 38.2mm	Ø 32.0mm	Black PVC
BG38	1.6mm	Ø 43.7mm	Ø 38.2mm	Black PVC
BG50	1.6mm	Ø 57.5mm	Ø 51.5mm	Black PVC



Grommets

Material:
 Black PVC
 Acid resistant
 Temperature -40°C + 135°C.



Article	Plate thickness	Outer diameter	Drilling hole	Material
RG1	1.6mm	Ø 8.0mm	Ø 4.8mm	Black PVC
RG2	1.6mm	Ø 9.5mm	Ø 6.4mm	Black PVC
RG3	1.6mm	Ø 11.0mm	Ø 8.0mm	Black PVC
RG4	1.6mm	Ø 14.2mm	Ø 9.5mm	Black PVC
RG5	1.6mm	Ø 14.2mm	Ø 11.5mm	Black PVC
RG6	1.6mm	Ø 16.0mm	Ø 16.0mm	Black PVC
RG7	1.6mm	Ø 19.0mm	Ø 14.2mm	Black PVC
RG8	1.6mm	Ø 22.0mm	Ø 17.5mm	Black PVC
RG9	1.6mm	Ø 25.5mm	Ø 19.0mm	Black PVC
RG19	1.6mm	Ø 31.4mm	Ø 25.2mm	Black PVC
RG25	1.6mm	Ø 38.0mm	Ø 32.0mm	Black PVC
RG32	1.6mm	Ø 46.0mm	Ø 38.0mm	Black PVC
RG45	1.6mm	Ø 60.0mm	Ø 50.0mm	Black PVC



Heatshrinkable sleeving

SAE-AMS-DTL-23053/5 Class 1, UL224, 125° C - UL cert. E228117, CSA C 22.22 No. 198, 1-98, OFT

Article	Shrink rating	Ratio heat	Operating temperature	Color	Wall thickness
HSB015005	1.5 - 0.5 mm	3:1	-55°C to +135° C	Black	0.45 mm
HSB030010	3.0 - 1.0 mm	3:1	-55°C to +135° C	Black	0.55 mm
HSB048016	4.8 - 1.6 mm	3:1	-55°C to +135° C	Black	0.66 mm
HSB060020	6.0 - 2.0 mm	3:1	-55°C to +135° C	Black	0.70 mm
HSB090030	9.0 - 3.0 mm	3:1	-55°C to +135° C	Black	0.70 mm
HSB120040	12.0 - 4.0 mm	3:1	-55°C to +135° C	Black	0.70 mm
HSB180060	18.0 - 6.0 mm	3:1	-55°C to +135° C	Black	0.80 mm
HSB240080	24.0 - 8.0 mm	3:1	-55°C to +135° C	Black	1.00 mm
HSR015005	1.5 - 0.5 mm	3:1	-55°C to +135° C	Red	0.45 mm
HSR030010	3.0 - 1.0 mm	3:1	-55°C to +135° C	Red	0.55 mm
HSR048016	4.8 - 1.6 mm	3:1	-55°C to +135° C	Red	0.60 mm
HSR060020	6.0 - 2.0 mm	3:1	-55°C to +135° C	Red	0.70 mm
HSR090030	9.0 - 3.0 mm	3:1	-55°C to +135° C	Red	0.70 mm
HSR120040	12.0 - 4.0 mm	3:1	-55°C to +135° C	Red	0.70 mm
HSR180060	18.0 - 6.0 mm	3:1	-55°C to +135° C	Red	0.80 mm



NGTS Braided sleeving

Braided sleeving is produced by braiding specially formulated flame resistant polyester monofilament into a cylindrical sleeve. It is a tough and lightweight sleeving that demonstrates excellent chemical and fungus resistance while providing good mechanical properties. Braided Sleeving expandable monofilament braided sleeveings provide though, durable protection over tubing, hoses, wire, wire bundles, wire harnesses, cable assemblies and flat ribbon cable. The open weave provides for the dissipation of heat and moisture, preventing condensation and allowing for complete drainage. The resistance of the polyester monofilament to most oils, salt water, fuels, cleaners, solvents and chemical making it ideal for applications in harsh environments. NU-GUARD TS Braided sleeving exhibits flexibility even at low temperatures making it is ideal for applications in machine tools, robotics, automatic equipment and where ever exposure to extreme weather conditions is a concern. The open weave construction allows each size to expand twice its original diameter. This expansion combined with the extreme flexibility makes this sleeving easy to apply over irregular shapes.

Thermal Characteristics/Specific Characteristics

Min. continuous operating temp. -50 °C

Max. continuous operating temp + 100 °C

Max. peak operating temp. + 220 °C

Melt temperature + 250 °C

Resistance to car fluids good resistance

Chemical resistance good resistance

Smoke toxicity CEI 754-1 and 2 complies

Flammability FMVSS 302 type A

NF F 16-101 12

Far 25-853 complies



Article	Bundle diameter	Internal diameter
NGTS03	Ø 5.0mm	Ø 1.0mm
NGTS04	Ø 7.0mm	Ø 2.0mm
NGTS05	Ø 9.0mm	Ø 3.0mm
NGTS06	Ø 11.0mm	Ø 4.0mm
NGTS08	Ø 12.0mm	Ø 5.0mm
NGTS10	Ø 15.0mm	Ø 7.0mm
NGTS12	Ø 17.0mm	Ø 8.0mm
NGTS15	Ø 20.0mm	Ø 10.0mm
NGTS20	Ø 26.0mm	Ø 14.0mm
NGTS25	Ø 34.0mm	Ø 18.0mm
NGTS30	Ø 40.0mm	Ø 20.0mm
NGTS40	Ø 50.0mm	Ø 30.0mm
NGTS50	Ø 66.0mm	Ø 40.0mm



Adhesive cable clips

Article	Length	Width	Height	Color
SC1	6.3 mm	6.3 mm		Aluminium
SC2	10.0 mm	10.0 mm		Aluminium
SC3			13.0 mm	Aluminium
SC3			13.0 mm	Aluminium
SC4			19.0 mm	Aluminium
SC4			19.0 mm	Aluminium
SCC1	5.0 mm	10.0 mm	5.0 mm	White
SCC2	8.0 mm	12.5 mm	8.0 mm	White
SCC3	15.0 mm	16.0 mm	15.0 mm	White



Normal

Article	Length	Width	Height	Tie width	Color
SB2B	27.0 mm	27.0 mm	7.4 mm	4.8 mm	Black
SB2B	27.0 mm	27.0 mm	7.4 mm	4.8 mm	Black
SB2	27.0 mm	27.0 mm	7.4 mm	4.8 mm	White
SB2	27.0 mm	27.0 mm	7.4 mm	4.8 mm	White
TL2			26.2 mm	Ø 7.6-10.2 mm	White



Pushmount

Article	Length	Width	Height	Tie width	Color
PUM1	10.6 mm	10.0 mm	18.3 mm	4.8 mm	White
PUM2	13.8 mm	12 mm	16.9 mm	4.8 mm	White



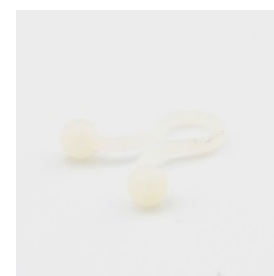
Small

Article	Length	Width	Height	Tie width	Color
SB1B	19.0 mm	19.0 mm	5.0 mm	3.6 mm	Black
SB1	19.0 mm	19.0 mm	5.0 mm	3.6 mm	White



Twistlock

Article	Height	Tie width	Color
TL1	22.9 mm	Ø 5.1-7.6 mm	White
TL3	30.5 mm	Ø 10.2-12.7 mm	White
TL4	34.5 mm	Ø 13.6-16 mm	White
TL5	39.4 mm	Ø 17.8-20 mm	White



Tapes

MPVTA 4/5/6 (1) - MPVTA 2/3/8/9/10/14 (2)

Thickness: 0.15mm (1) - 0.19mm (2)

Adhesion: 650gr/25mm (1) - 400gr/25mm (2)

Unwind Force: 900gr/25mm (1) - 500gr/25mm (2)

Tensile Strength: 8.5kg/25mm (1) - 10.5kg/25mm (2)

Elongation at break: 230% (1) - 240% (2)

Breakdown Voltage: 6kV (1) - 9kV (2)

Temp. Range: -5°C/+90°C (1) - -10°C/+80°C (2)

MPVTA4/5/6 approved according to DIN46031, VDE340/1, OVE-W23 and CEBEC.

Article	Type tape	Color	Width	Length	Thickness	Temp range	Adhesive
AT725SE	Aluminium	White	50.0mm	50m		-40°/+80°C	No
DST188	Double-sided	Yellow	30.0mm	25m		-40°/+120°C	Yes
DST501	Double-sided	Yellow	30.0mm	25m		-40°/+100°C	Yes
CT525SE	Flame resistant	Black	19.0mm	25m	0.25 mm	-40°/+150°C	Yes
CT531	Fleece	Black	19.0mm	25m	0.30 mm	-40°/+150°C	Yes
CT514	Polyester	Black	19.0mm	25m	0.17 mm	-40°/+125°C	Yes
CT523	Polyester	Black	19.0mm	25m	0.25 mm	-40°/+150°C	Yes
MAP119	PVC	Blue/Red/Black	15.0mm	10m	0.19 mm	-40°/-125°C	Yes
MPVT2B	PVC	Black	19.0mm	20m	0.19 mm	+ 90°C	No
MPVTA14B	PVC	Black	50.0mm	25m	0.19 mm	+ 90°C	Yes
MPVTA4Y/G	PVC	Yellow/Green	12.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA5B	PVC	Black	19.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA5G	PVC	Green	19.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA5R	PVC	Red	19.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA5U	PVC	Blue	19.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA5W	PVC	White	19.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA6B	PVC	Black	25.0mm	20m	0.15 mm	+ 90°C	Yes
MPVTA8B	PVC	Black	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8G	PVC	Green	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8R	PVC	Red	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8S	PVC	Grey	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8U	PVC	Blue	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8W	PVC	White	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8Y/G	PVC	Yellow/Green	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA8Y	PVC	Yellow	15.0mm	10m	0.19 mm	+ 90°C	Yes
MPVTA9B	PVC	Black	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9G	PVC	Green	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9R	PVC	Red	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9S	PVC	Grey	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9U	PVC	Blue	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9W	PVC	White	15.0mm	20m	0.19 mm	+ 90°C	Yes
MPVTA9Y	PVC	Yellow	15.0mm	20m	0.19 mm	+ 90°C	Yes
MHCMPIBT1	Rubber	Black	25.0mm	10m	0.50 mm		No
MHCMPIBT3	Rubber	Black	19.0mm	5m	0.50 mm		No
MPIBT1	Rubber	Black	25.0mm	10m	0.50 mm		No
MPIBT3	Rubber	Black	19.0mm	5m	0.50 mm		No
TT407	Teflon	Black	12.0mm	12m	0.01 mm	-200°/+260°C	No





Tools

Cutting & stripping	7.1
Cable straps	7.3
Heating	7.3
Extraction tools	7.4

Cutting & stripping

Article	Tool type	Terminal type	Tool length	Cutting size	Extra
3000PR2	Crimping Tool	Non Insulated	220.0mm		Tool for non insulated terminals
3000PR3	Crimping Tool	Non Insulated	225.0mm		Tool for non insulated terminals
3000PR4	Crimping Tool	Non Insulated	230.0mm		Racheting control tool non-insulated male/female 6.3mm push-on terminals
3000PR5	Crimping Tool	Pre & Non Insulated	235.0mm		crimping insulated and non-insulated terminals Wire cutting included.
3000PR6	Crimping Tool	Non Insulated	255.0mm		Crimping starter lugs 0.5-8 mm ² (1.25-3/8-10)
CCT1	Cutting		160.0mm	22.0mm ²	Copper and aluminium cable
CCT2	Cutting		210.0mm	38.0mm ²	Copper and aluminium cable
CCT3	Cutting		165.0mm	10.0mm ²	Carbon hardened steel
CCT4	Cutting		250.0mm	60.0mm ²	Heavy-duty forged steel copper or aluminium cable
CCT5	Cutting		770.0mm	max. 500.0mm ²	Copper and aluminium cable
CETT10	Crimping Tool	Cord End	260.0mm	2x 0.5mm ² - 2x6.0mm ²	for twin end sleeves
CETT11	Crimping Tool	Cord End	270.0mm	2x 6.0mm ² - 2x16.0mm ²	for twin end sleeves
CETT12	Crimping Tool	Cord End	175.0mm	0.25mm ² -6.0mm ²	for wire ferrules and end sleeves
CETT13	Crimping Tool	Cord End	175.0mm	0.75mm ² -10.0mm ²	for wire ferrules and end sleeves
CETT14	Crimping Tool	Cord End	210.0mm	4.0mm ² -16.0mm ²	for wire ferrules and end sleeves
CETT1	Crimping Tool	Cord End	165.0mm	0.5mm ² -2.5mm ²	for wire ferrules and end sleeves
CETT2	Crimping Tool	Cord End	180.0mm	0.75mm ² -10.0mm ²	for wire ferrules and end sleeves
CETT3	Crimping Tool	Cord End	230.0mm	0.5mm ² -6.0mm ²	for wire ferrules and end sleeves
CETT4	Crimping Tool	Cord End	260.0mm	0.5mm ² -4.0mm ²	for wire ferrules and end sleeves
CETT5	Crimping Tool	Cord End	260.0mm	6.0mm ² -16.0mm ²	for wire ferrules and end sleeves
CETT6	Crimping Tool	Cord End	270.0mm	10mm ² and 25mm ²	for wire ferrules and end sleeves
CETT7	Crimping Tool	Cord End	270.0mm	25mm ² and 50 mm ²	for wire ferrules and end sleeves
CETT8	Crimping Tool	Cord End	230.0mm	6.0mm ² -16.0mm ²	for wire ferrules and end sleeves
CETT9	Crimping Tool	Cord End	225.0mm	0.5mm ² -4.0mm ²	for wire ferrules and end sleeves
MAP321	Crimping Tool	Pre Insulated	225.0mm		Contents:1xPRT3
NCST2	Cable Straps		160.0mm		Nylon for width 2.2mm ² -4.8mm ²



Cutting & stripping

Article	Tool type	Terminal type	Tool length	Cutting size	Extra
PRT10	Crimping Tool	RG Coaxial Cable Connector	260.0mm	RG58 & 59TNC	For crimping coaxial cable
PRT11	Crimping Tool	Pre Insulated	260.0mm	0.5mm ² -6.0mm ²	For crimping closed end connectors
PRT12	Crimping Tool	Pre Insulated	205.0mm	0.5mm ² -1.25mm ²	For crimping small size insulated terminals
PRT3	Crimping Tool	Pre Insulated	225.0mm	0.75mm ² -6.0mm ²	For crimping pre-insulated terminals and wirecutter
PRT5	Crimping Tool	Pre Insulated	230.0mm	0.5mm ² -6.0mm ²	For insulated terminals and connectors
PRT6	Crimping Tool	Pre Insulated	235.0mm	1.25mm ² -5.5mm ²	Crimping tool for pre-insulated terminals.
PRT7	Crimping Tool	Pre Insulated	230.0mm	0.5mm ² -6.0mm ²	As PRT5 but for 90° pre-insulated terminals
PRT8	Crimping Tool	Pre Insulated	230.0mm	0.5mm ² -6.0mm ²	As PRT5 but heavy duty
PRT9	Crimping Tool	Pre Insulated	260.0mm	0.5mm ² -6mm ²	For crimping insulated terminals and connectors
SSC1	Closing Tool	Bullet & Snap	205.0mm		Crimping tool
SSCT1	Crimping Tool	Bullet & Snap	155.0mm		Closing Tool
TN70 TN71	Starter Terminals	Starter Terminals	558.0mm	10mm ² -95mm ²	Non-ratchet screw adjustment.
TN72	Starter Terminals	Starter Terminals	270.0mm	1.5mm ² -16.0mm ²	For non-insulated terminal
TN73	Starter Terminals	Starter Terminals	260.0mm	0.25mm ² -6.0mm ²	For crimping quick connectors
TN75	Starter Terminals	Starter Terminals	390.0mm	25.0mm ² -150.0mm ²	For hexagon crimping with movable and revolving dies.
TN76	Starter Terminals	Starter Terminals	390.0mm	6.0mm ² -50.0mm ²	For hexagon crimping with movable and revolving dies.
TN77	Starter Terminals	Starter Terminals	265.0mm	0.5mm ² -6.0mm ²	For crimping copper tube terminals
TN78	Starter Terminals	Starter Terminals	250.0mm	1.5mm ² -10.0mm ²	For non-insulated terminal
TN79	Starter Terminals	Starter Terminals	595.0mm	10.0mm ² -125.0mm ²	For cable lugs with non-ratchet screw adjustment.
TOOLKIT	Toolkit				Crimping tool kit contains PRT5 + 4 dies
WST10	Stripping Tools				Multi functional wire stripper
WST1	Stripping Tools		170.0mm	0.2mm ² -6.0mm ²	Self-adjusting cutter/stripper
WST2	Stripping Tools		165.0mm	0.25mm ² -2.5mm ²	Designed for precise stripping of single/multi-core cables.
WST5	Stripping Tools		175.0mm	0.25mm ² -6.0mm ²	PVC insulated small cross-sectional wires. Automatic
WST9	Stripping Tools		210.0mm	0.13mm ² -6.0mm ²	Heavy Duty Wire Stripper
WST8	Stripping Tools		175.0mm	0.5mm ² -10.0mm ²	Wire Stripper



Crimping

Article	Tool length
PRT5	230mm
PRT11	260mm



Cable straps

Article	Material	Measurement	Tool length
NCST1	Metal	2.2mm -4.8mm	155.0mm
NCST2	Nylon	2.2mm -4.8mm	160.0mm
NCST3	Nylon	2.2mm -4.8mm	160.0mm
NCST4	Steel	All	210.0mm
NCST5	Steel		190.0mm
NCST6	Metal	2.2mm - 4.8mm	160.0mm
NCST7	Metal	7.8mm -12.5mm	220.0mm



Heating

Article	Tool length	Extra
DCH114	230mm	Butane gas heating refills in 30 seconds with standard quality butane lighter fluid
SP1		Single flat tip 1.0mm
SP2.4DF		Single flat tip 2.4mm



Article	Tool length	Tool for
87025	135mm	3-1150
87035	135mm	3-1160/ 3-1200/ 3-1210/ 3-1220/ 3-3714
87036		
87045	135mm	3-3705/ 3-3706/ 3-4707/ 3-4708/ 3-6012/ 3-36014
87046		
87048	145mm	3-1180/ 3-3712/ 3-3713/ 3-3715/ 3-5522/ 3-5706
87050	140mm	T152/ T153/ T155/ T156.
87051		
87065		
88040	120mm	3-5615/ 3-5630/ 3-7209/ 3-7212/ 3-8050/ 3-8260/ 3-8270/ 3-8290/ 3-8300
88070	115mm	
89058	120mm	3-4500/ 3-4510/ 3-5510/ 3-7210/ 3-7211/ 3-8060/ 3-8280/ 30-851/ 30-852/ 30-853/ 30-860
89089	120mm	3-2923/ 3-2923t/ 3-2924/ 3-2924t/ 3-3682/ 3-3718/ 3-6015/ 3-6314/ 3-6315
89090	120mm	30-296
90020	125mm	3-5560 Terminal and secondary lock
90022	115mm	3-7650/ 3-7660/ 3-7671/ 3-7675/ 3-7685/ 3-7690
90026	125mm	3-5550 Terminal and secondary lock
93004	125mm	3-8030/ 3-8040
93005	120mm	3-8010/ 3-8020
93006		
97028	115mm	
EXTRAC.KIT		87035/ 87050/ 88040/ 89058/ 89089/ 90020/ 90026/ 93005





Battery installation

Eyelett DIN	8.1
Eyelett Tube	8.2
Battery terminal	8.4
Battery cover	8.6
Battery switch	8.7
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Booster sets	8.10
SB connector	8.10
Magnetic switch	8.10
Earthing strips	8.11
Piont power distribution	8.12



Battery eyelett DIN

Article	Wire size	Cross sec eyelett	Length	M measurement	Tabs	Materials
1.25-3	0.5 -1.5mm ²	Ø 3.2mm	11.5mm	M3	0.75mm	Copper Tinned
1.25-4	0.5 -1.5mm ²	Ø 4.3mm	15.8mm	M4	0.75mm	Copper Tinned
1.25-5	0.5 -1.5mm ²	Ø 5.3mm	15.8mm	M5	0.75mm	Copper Tinned
1.25-6	0.5 -1.5mm ²	Ø 6.4mm	21.5mm	M6	0.75mm	Copper Tinned
1.25-8	0.5 -1.5mm ²	Ø 8.4mm	21.5mm	M8	0.75mm	Copper Tinned
1.25-M4	0.5 -1.5mm ²	Ø 4.3mm	14.4mm	M4	0.75mm	Copper Tinned
2-M4	1.5 -2.5mm ²	Ø 4.3mm	14.4mm	M4	0.8mm	Copper Tinned
2-M5	1.5 -2.5mm ²	Ø 5.3mm	16.8mm	M5	0.8mm	Copper Tinned
2-S3	1.5 -2.5mm ²	Ø 3.7mm	14.4mm	M3.5	0.8mm	Copper Tinned
DIN1010	10.0mm ²	Ø 10.5mm	21.0mm	M10	1.1mm	Copper Tinned
DIN105	10.0mm ²	Ø 6.4mm	16.0mm	M6	1.1mm	Copper Tinned
DIN106	10.0mm ²	Ø 6.4mm	17.0mm	M6	1.1mm	Copper Tinned
DIN108	10.0mm ²	Ø 8.4mm	20.0mm	M8	1.1mm	Copper Tinned
DIN1610	16.0mm ²	Ø 10.5mm	24.0mm	M10	1.2mm	Copper Tinned
DIN1612	16.0mm ²	Ø 12.4mm	26.0mm	M12	1.2mm	Copper Tinned
DIN165	16.0mm ²	Ø 5.3mm	20.0mm	M5	1.2mm	Copper Tinned
DIN166	16.0mm ²	Ø 6.4mm	20.0mm	M6	1.2mm	Copper Tinned
DIN168	16.0mm ²	Ø 8.4mm	22.0mm	M8	1.2mm	Copper Tinned
DIN2510	25.0mm ²	Ø 10.5mm	26.0mm	M10	1.5mm	Copper Tinned
DIN256	25.0mm ²	Ø 6.4mm	25.0mm	M6	1.5mm	Copper Tinned
DIN258	25.0mm ²	Ø 8.4mm	25.0mm	M8	1.5mm	Copper Tinned
DIN3510	35.0mm ²	Ø 10.5mm	27.0mm	M10	1.6mm	Copper Tinned
DIN3512	35.0mm ²	Ø 12.4mm	31.0mm	M12	1.6mm	Copper Tinned
DIN356	35.0mm ²	Ø 6.4mm	26.0mm	M6	1.6mm	Copper Tinned
DIN358	35.0mm ²	Ø 8.4mm	26.0mm	M8	1.6mm	Copper Tinned
DIN5010	50.0mm ²	Ø 10.5mm	34.0mm	M10	1.8mm	Copper Tinned
DIN5012	50.0mm ²	Ø 12.4mm	36.0mm	M12	1.8mm	Copper Tinned
DIN508	50.0mm ²	Ø 8.4mm	34.0mm	M8	1.8mm	Copper Tinned
DIN610	4.0 -6.0mm ²	Ø 10.5mm	21.0mm	M10	1.0mm	Copper Tinned
DIN64	4.0 -6.0mm ²	Ø 4.3mm	14.0mm	M4	1.0mm	Copper Tinned
DIN65	4.0 -6.0mm ²	Ø 5.3mm	15.0mm	M5	1.0mm	Copper Tinned
DIN66	4.0 -6.0mm ²	Ø 6.4mm	16.0mm	M6	1.0mm	Copper Tinned
DIN68	4.0 -6.0mm ²	Ø 8.4mm	19.0mm	M8	1.0mm	Copper Tinned
GC356	35.0mm ²	Ø 6.4mm	26.0mm	M6	1.6mm	Copper Tinned
DIN7010	70.0mm ²	Ø 10.5mm	38.0mm	M10	2.0mm	Copper Tinned
DIN7012	70.0mm ²	Ø 12.4mm	38.0mm	M12	2.0mm	Copper Tinned
DIN708	70.0mm ²	Ø 8.4mm	38.0mm	M8	2.0mm	Copper Tinned
DIN9512	95.0mm ²	Ø 12.4mm	42.0mm	M12	2.5mm	Copper Tinned



Battery eyelett tube

Article	Wire size	Cross sec	eyelett	Length	M measurement	Operational degrees	Materials
TT1.5-6	1.5mm ²	Ø 6.4mm	14.5mm	M6		90°C	Copper Tinned
TT1010	10.0mm ²	Ø 10.5mm	41.0mm	M10		90°C	Copper Tinned
TT1012	10.0mm ²	Ø 12.4mm	41.0mm	M12		90°C	Copper Tinned
TT105	10.0mm ²	Ø 5.3mm	29.0mm	M5		90°C	Copper Tinned
TT106R	10.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT106	10.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT108R	10.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT108	10.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT12010	120.0mm ²	Ø 10.5mm	72.0mm	M10		90°C	Copper Tinned
TT12012	120.0mm ²	Ø 12.4mm	72.0mm	M12		90°C	Copper Tinned
TT12016	120.0mm ²	Ø 16.5mm	72.0mm	M16		90°C	Copper Tinned
TT15010	150.0mm ²	Ø 10.5mm	74.0mm	M10		90°C	Copper Tinned
TT15012	150.0mm ²	Ø 12.4mm	74.0mm	M12		90°C	Copper Tinned
TT1610	16.0mm ²	Ø 10.5mm	42.0mm	M10		90°C	Copper Tinned
TT1612	16.0mm ²	Ø 12.4mm	42.0mm	M12		90°C	Copper Tinned
TT165	16.0mm ²	Ø 5.3mm	29.0mm	M5		90°C	Copper Tinned
TT166	16.0mm ²	Ø 6.4mm	29.0mm	M6		90°C	Copper Tinned
TT168	16.0mm ²	Ø 8.4mm	38.0mm	M8		90°C	Copper Tinned
TT2.5-4	2.5mm ²	Ø 4.2mm	20.0mm	M4		90°C	Copper Tinned
TT2.5-5	2.5mm ²	Ø 5.3mm	21.0mm	M5		90°C	Copper Tinned
TT2.5-6	2.5mm ²	Ø 6.4mm	23.0mm	M6		90°C	Copper Tinned
TT2.5-8	2.5mm ²	Ø 8.4mm	23.0mm	M8		90°C	Copper Tinned
TT2510R	25.0mm ²	Ø 10.5mm	47.0mm	M10		90°C	Copper Tinned
TT2510	25.0mm ²	Ø 10.5mm	47.0mm	M10		90°C	Copper Tinned
TT2512	25.0mm ²	Ø 12.4mm	47.0mm	M12		90°C	Copper Tinned
TT255	25.0mm ²	Ø 5.3mm	42.0mm	M5		90°C	Copper Tinned
TT256R	25.0mm ²	Ø 6.4mm	42.0mm	M6		90°C	Copper Tinned
TT256	25.0mm ²	Ø 6.4mm	42.0mm	M6		90°C	Copper Tinned
TT258R	25.0mm ²	Ø 8.4mm	42.0mm	M8		90°C	Copper Tinned
TT258	25.0mm ²	Ø 8.4mm	42.0mm	M8		90°C	Copper Tinned

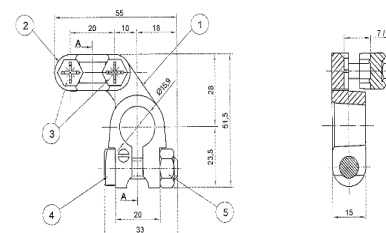


Battery eyelett tube

Article	Wire size	Cross sec eyelett Length	For bolt	Operational degrees	Materials
TT3510R	35.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT3510	35.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT3512	35.0mm ²	Ø 12.4mm 48.0mm	M12	90°C	Copper Tinned
TT356R	35.0mm ²	Ø 6.4mm 43.0mm	M6	90°C	Copper Tinned
TT356	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT358R	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT358	35.0mm ²	Ø 8.4mm 43.0mm	M8	90°C	Copper Tinned
TT4-5	4.0mm ²	Ø 5.3mm 23.0mm	M5	90°C	Copper Tinned
TT4-6	4.0mm ²	Ø 6.4mm 25.0mm	M6	90°C	Copper Tinned
TT4-8	4.0mm ²	Ø 8.4mm 27.0mm	M8	90°C	Copper Tinned
TT5010R	50.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT5010	50.0mm ²	Ø 10.5mm 48.0mm	M10	90°C	Copper Tinned
TT5012	50.0mm ²	Ø 12.4mm 52.0mm	M12	90°C	Copper Tinned
TT5014	50.0mm ²	Ø 14.0mm 52.0mm	M14	90°C	Copper Tinned
TT506	50.0mm ²	Ø 6.4mm 48.0mm	M6	90°C	Copper Tinned
TT508R	50.0mm ²	Ø 8.4mm 48.0mm	M8	90°C	Copper Tinned
TT508	50.0mm ²	Ø 8.4mm 48.0mm	M8	90°C	Copper Tinned
TT6-10	6.0mm ²	Ø 10.5mm 30.0mm	M10	90°C	Copper Tinned
TT6-5	6.0mm ²	Ø 5.3mm 23.0mm	M5	90°C	Copper Tinned
TT6-6	6.0mm ²	Ø 6.4mm 24.0mm	M6	90°C	Copper Tinned
TT6-8	6.0mm ²	Ø 8.4mm 26.0mm	M8	90°C	Copper Tinned
TT7010R	70.0mm ²	Ø 10.5mm 54.0mm	M10	90°C	Copper Tinned
TT7010	70.0mm ²	Ø 10.5mm 54.0mm	M10	90°C	Copper Tinned
TT7012R	70.0mm ²	Ø 12.4mm 54.0mm	M12	90°C	Copper Tinned
TT7012	70.0mm ²	Ø 12.4mm 54.0mm	M12	90°C	Copper Tinned
TT7014	70.0mm ²	Ø 14.0mm 63.0mm	M14	90°C	Copper Tinned
TT7016	70.0mm ²	Ø 16.5mm 63.0mm	M16	90°C	Copper Tinned
TT708	70.0mm ²	Ø 8.4mm 50.0mm	M8	90°C	Copper Tinned
TT9510	95.0mm ²	Ø 10.5mm 60.0mm	M10	90°C	Copper Tinned
TT9512	95.0mm ²	Ø 12.4mm 60.0mm	M12	90°C	Copper Tinned
TT9516	95.0mm ²	Ø 16.5mm 67.0mm	M16	90°C	Copper Tinned
TT958	95.0mm ²	Ø 8.4mm 60.0mm	M8	90°C	Copper Tinned
TT1610R	16.0mm ²	Ø 10.5mm 42.0mm	M10	90°C	Copper Tinned
TT166R	16.0mm ²	Ø 6.4mm 29.0mm	M6	90°C	Copper Tinned



B122NT



Article	Pole	Cross section	Bolt type	Material	Type
B116/70P	+	70.0mm ²	Side screw	Tin plated	Normal
B117/70N	-	70.0mm ²	Side screw	Tin plated	Normal
B121NHDT	-	16.0-35.0mm ²	Angle screw	Tin plated	Heavy Duty
B121NHD	-	16.0-35.0mm ²	Angle screw	Brass	Heavy Duty
B121NT	-	16.0-35.0mm ²	Angle screw	Tin plated	Normal
B121N	-	16.0-35.0mm ²	Angle screw	Brass	Normal
B121PHDT	+	16.0-35.0mm ²	Angle screw	Tin plated	Heavy Duty
B121PHD	+	16.0-35.0mm ²	Angle screw	Brass	Heavy Duty
B121PT	+	16.0-35.0mm ²	Angle screw	Tin plated	Normal
B121P	+	16.0-35.0mm ²	Angle screw	Brass	Normal
B122NT	-	50.0-70.0mm ²	Angle screw	Tin plated	Normal
B122N	-	50.0-70.0mm ²	Angle screw	Brass	Normal
B122PT	+	50.0-70.0mm ²	Angle screw	Tin plated	Normal
B122P	+	50.0-70.0mm ²	Angle screw	Brass	Normal
B123NM12	-		M12	Tin plated	Normal
B123N	-		M10	Tin plated	Normal
B123PM10	+		M10	Tin plated	Normal
B123P	+		M12	Tin plated	Normal
B124N-10	-		M10	Tin Plated	Normal
B124N-8	-		M8	Tin Plated	Normal
B124P-10	+		M10	Tin Plated	Normal
B124P-12	+		M12	Tin Plated	Normal
B124P-8	+		M8	Tin Plated	Normal
B125N-8	-		M8	Tin Plated	Normal
B125P-8	+		M8	Tin Plated	Normal
B151P	+	10.0-16.0mm ²	Crimp	Tin Plated	Normal
B152N	-	10.0-16.0mm ²	Crimp	Tin Plated	Normal
B156N	-	16.0-35.0mm ²	Ø 12.5mm	Tin Plated	Normal
B156P	+	16.0-35.0mm ²	Ø 14.0mm	Tin Plated	Normal
B159N	-	50.0-70.0mm ²	Angle screw	Tin Plated	Normal
B159P	+	50.0-70.0mm ²	Angle screw	Tin Plated	Normal



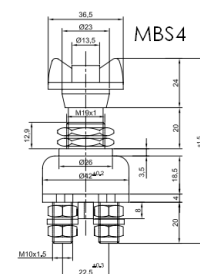
Battery terminals

Article	Pole	Cross section	Bolt type	Material	Extra info	Type
B160N	-	50.0-70.0mm ²	Screw connection	Tin Plated	Screw connection for two cables	Normal
B160P	+	50.0-70.0mm ²	Screw connection	Tin Plated	Screw connection for two cables	Normal
B161N	-		M8	Steel Zinc Plated	Ø 8.0mm	Normal
B161P	+		M8	Steel Zinc Plated	Ø 8.0mm	Normal
B162N	-		M8	Brass	Ø 8.0mm Wingnut	Normal
B162P/M8	+		M8	Brass	Ø 8.0mm Wingnut	Normal
B162P	+		M10	Brass	Ø 10.0mm Wingnut	Normal
B163N	-		Ford	Brass	Ford	Normal
B163P	+		Ford	Brass	Ford	Normal
B164N	-	16.0-35.0mm ²	Screw connection	Brass	Screw connection	Normal
B164P	+	16.0-35.0mm ²	Screw connection	Brass	Screw connection	Normal
B165N	-	50.0-70.0mm ²	Screw connection	Brass	Screw connection	Normal
B165P	+	50.0-70.0mm ²	Screw connection	Brass	Screw connection	Normal
B167N	-	35.0mm ²	Quick release	Copper-Zinc/Polypropylene	Quick release bolt connection	Normal
B166P	+	35.0mm ²	Quick release	Copper-Zinc/Polypropylene	Quick release bolt connection	Normal
B3/35P	+	35.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B32/50P	+	50.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B33/50N	-	50.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B3534						Normal
B4/35N	-	35.0mm ²	Side screw connection	Tin Plated	Side screw connection	Normal
B69/16P	+	16.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/25P	+	25.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/35P	+	35.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/50P	+	50.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B69/70P	+	70.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/16N	-	16.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/25N	-	25.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/35N	-	35.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/50N	-	50.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B70/70N	-	70.0mm ²	Solder connection	Tin Plated	Solder connection	Normal
B73	+	16.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B74	-	16.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B75	+	35.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B76	-	35.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B77	+	25.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B78	-	25.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B81	+	50.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B82	-	50.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B83	+	70.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
B84	-	70.0mm ²	Angle solder connection	Tin Plated	Angle solder connection	Normal
VERLOOP SET	+ / -		Bushe	Brass Lead Plated	Bushe Japanese	Normal



Article	Color	Cable size	Cable entry	Terminal length	Post height	Width	Height	Material	According req
416N9V02	Red	70 -105mm ²	16mm ² - 70mm ²	82.3mm		39.6mm		PVC	for B69/B70
416N9V14	Black	70 -105mm ²	16mm ² - 70mm ²	82.3mm		39.6mm		PVC	for B69/B71
417N9V02	Red	70 -105mm ²	Ø 12.7mm			80.2mm	23.1mm	PVC	for B164/B165
417N9V14	Black	70 -105mm ²	Ø 12.7mm			80.2mm	23.1mm	PVC	for B164/B166
451N9V02	Red	70 -105mm ²	Ø 17.8mm			65.6mm		PVC	
451N9V14	Black	70 -105mm ²	Ø 17.8mm			65.6mm		PVC	
453L9V14	Black	50mm ²	Ø 17.8mm					PVC	for B121N/B121P
454R9V02	Red	50mm ²	Ø 17.8mm					PVC	for B121N/B121P
456N9V02	Red	70 -105mm ²	Ø 28.0mm					PVC	19.1mm tapers to 9.7mm
456N9V14	Black	70 -105mm ²	Ø 28.0mm					PVC	19.1mm tapers to 9.7mm
457N2V02	Red	10 -35mm ²	Ø 14.0mm	104.5mm			50.3mm	PVC	
457N2V14	Black	10 -35mm ²	Ø 14.0mm	104.5mm			50.3mm	PVC	
457N3V02	Red	35 -70mm ²	Ø 14.0mm	104.5mm			50.3mm	PVC	
457N3V14	Black	35 -70mm ²	Ø 14.0mm	104.5mm			50.3mm	PVC	
466N9V02	Red	70 -105mm ²	Ø 12.7mm					PVC	oval cable entry
RS312R	Red	10 -70mm ²			65.0mm	30.0mm	20.0mm	PVC	soft cover
RS312	Black	10 -70mm ²			65.0mm	30.0mm	20.0mm	PVC	soft cover
RS314N	Blue	10 -70mm ²			95.0mm	43.0mm	40.0mm	PVC	soft cover
RS314P	Red	10 -70mm ²			95.0mm	43.0mm	40.0mm	PVC	soft cover
RS315N	Blue	10 -70mm ²			60.0mm	57.0mm	24.0mm	PVC	soft cover
RS315P	Red	10 -70mm ²			60.0mm	57.0mm	24.0mm	PVC	soft cover
RS316B	Black	10 -70mm ²			88.0mm	39.0mm	29.0mm	PVC	soft cover
RS316R	Red	10 -70mm ²			88.0mm	39.0mm	29.0mm	PVC	soft cover
RS317B	Black	10 -70mm ²			66.0mm	39.0mm	29.0mm	PVC	soft cover
RS317R	Red	10 -70mm ²			66.0mm	39.0mm	29.0mm	PVC	soft cover
RS318B	Black	10 -70mm ²			66.0mm	39.0mm	29.0mm	PVC	soft cover
RS318R	Red	10 -70mm ²			66.0mm	39.0mm	29.0mm	PVC	soft cover
RS319ROOD	Red	10 -70mm ²			66.0mm	39.0mm	29.0mm	PVC	soft cover
433L5V14	Black	35mm ²	Ø 11.2mm		87.9mm	55.6mm	28.7mm	PVC	cable entry right
433R5V02	Red	35mm ²	Ø 11.2mm		87.9mm	55.6mm	28.7mm	PVC	cable entry left





Article	Type	Amp	Ip rating	Max amp	Key type	Voltage	According req
MBS1	Switch	100A		500A/5sec	Plastic	12V 24V	Battery Switch 100A
MBS2	Switch	150A	65	1200A/5sec	Plastic	12V 24V	Battery Switch 150A
MBS3	Switch	250A		2500A/5sec	Metal	12V 24V	Battery Switch 250A
MBS4	Switch	100A			Plastic	12V 24V	Battery Switch 100A
MBS5	Switch	100A		500A/5sec	Plastic	12V 24V	Battery Switch 100A
MBS6	Switch	250A		2500A/5sec	Plastic	12V 24V	Battery Switch 250A
MBS7	Switch	250A		1200A/5sec	Metal	12V 24V	Battery Switch 250A
MBS8	Switch	250A		2500A/5sec	Metal	12V 24V	Battery Switch 250A
MBS9	Switch	100A	67		Plastic	12V 24V	Battery Switch 100A
MBS1COVER	Key						Battery Switch cover for MBS1
MBS1EKEY	Key						Battery Switch Key for MBS1
MBS1KEYM	Key						Battery Switch Key for MBS1
MBS2KEY	Key						Battery Switch Key for MBS2
MBS3EKEY	Key						Battery Switch Key for MBS3
MBS3KEY	Key						Battery Switch Key for MBS3
MBS7KEY	Key						Battery Switch Key for MBS7
MBSKEY	Key						Battery Switch Key





Article	Color clips	Amps	Insulation	Length	Remarks
FABC500B	Black	850A	Fully	189mm	cable connection 25-70mm²
FABC500R	Red	850A	Fully	189mm	cable connection 25-70mm²
FABC800B	Black	800A	Fully		
FBC100B	Black	100A	Fully	160mm	cable connection up to 35mm² cable can crimped or assembled with 6mm screw and nut (for ring terminal)
FBC100R	Red	100A	Fully	160mm	cable connection up to 35mm² cable can crimped or assembled with 6mm screw and nut (for ring terminal)
FBC200B	Black	200A	Fully	160mm	cable connection up to 35mm² cable can assembled with 6mm screw and nut (for ring terminal)
FBC200R	Red	200A	Fully	160mm	cable connection up to 35mm² cable can assembled with 6mm screw and nut (for ring terminal)
FBC40B+R	Black & Red	40A	Fully	80mm	cable connection up to 4mm² cable can crimped
FBC40B	Black	40A	Fully	80mm	cable connection up to 4mm² cable can crimped
FBC40R	Red	40A	Fully	80mm	cable connection up to 4mm² cable can crimped
FBC600B	Black	600A	Fully	160mm	cable connection up to 35mm² cable can assembled with 6mm screw and nut (for ring terminal)
FBC600R	Red	600A	Fully	160mm	cable connection up to 35mm² cable can assembled with 6mm screw and nut (for ring terminal)
FBC750B	Black	750A	Fully	180mm	cable connection up to 50mm² cable can assembled with special bolt (without any terminal)
FBC750R	Red	750A	Fully	180mm	cable connection up to 50mm² cable can assembled with special bolt (without any terminal)
FBC80B+R	Black & Red	80A	Fully	120mm	cable connection up to 10 mm² cable can crimped or assembled with 4mm screw and nut (for ring terminal)
FBC80B	Black	80A	Fully	120mm	cable connection up to 10 mm² cable can crimped or assembled with 4mm screw and nut (for ring terminal)
FBC80R	Red	80A	Fully	120mm	cable connection up to 10 mm² cable can crimped or assembled with 4mm screw and nut (for ring terminal)
FABC800R	Red	800A	Fully	160mm	



Booster sets

Article	Diameter	Cable size	Length	Clips fitted	Application	Color clips
BBC16F	16mm ²	16mm ²	3.0 m	FBC100	Petrol engines	
BBC2535FF	25mm ²	25mm ²	3.5 m	FBC200	Petrol engines	
BBC25F	25mm ²	25mm ²	3.5 m	FBC200	Petrol engines	
BBC5050FF	50mm ²	50mm ²	5.0 m	FBC600	Petrol- and Diesel engines all types	600 Amp. clips
BBC5075F	50mm ²	50mm ²	7.5 m	FBC600	Petrol- and Diesel engines all types	600 Amp. clips
BBC3570FF	35mm ²	35mm ²	7.0 m	FBC600	Petrol- and Diesel engines all types	600 Amp. clips
BBC35F	35mm ²	35mm ²	5.0 m	FBC600	Petrol- and Diesel engines all types	600 Amp. clips
BBC25FF	25mm ²	25mm ²	2.0 m	FBC200	Petrol engines	
BBC3535FF	35mm ²	35mm ²	3.5 m	FBC600	Petrol- and Diesel engines all types	600 Amp. clips



SB connectors

Article	Color	Amp.	Handle suitable for connector	Diameter	Length	Width	According requirement
5690				50mm ²			reducing barrel size from Ø 50mm to Ø 35mm
5693				50mm ²			reducing barrel size from Ø 50mm to Ø 25mm
5918				70mm ²			reducing barrel size from Ø 70mm to Ø 50mm
SB175R	Red	175A	H175	50mm ²	79.0mm	55.0mm	UL94V2 & UL94VO
SB175	Grey	175A	H175	50mm ²	79.0mm	55.0mm	UL94V2 & UL94VO
SB350R	Red	350A	H175	70mm ²	108.0mm	70.0mm	UL94V2 & UL94VO
SB350	Grey	350A	H175	70mm ²	108.0mm	70.0mm	UL94V2 & UL94VO
SB50/6	Grey	50A	H50	16mm ²	48.0mm	30.0mm	UL94V2 & UL94VO
SB50R	Red	50A	H50	16mm ²	48.0mm	30.0mm	UL94V2 & UL94VO



Magnetic switch

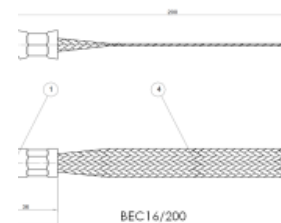
Article	Voltage	Amp	According req
CON12/100	12V	100A	4 terminals
CON12/200	12V	200A	4 terminals
CON12/600	12V	600A	4 terminals
CON24/100	24V	100A	4 terminals
CON24/200	24V	200A	4 terminals



Earthing strips

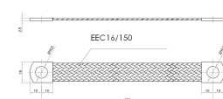
Battery terminal on one side

Article	Type strip	Length	Width strip	Battery terminal side
BEC16/150	battery terminal one side	150.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/200	battery terminal one side	200.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/250	battery terminal one side	250.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/300	battery terminal one side	300.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/400	battery terminal one side	400.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/450	battery terminal one side	450.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/500	battery terminal one side	500.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC16/600	battery terminal one side	600.0mm	16.0mm	suitable for battery pole 15.9mm ²
BEC25/200	battery terminal one side	200.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/250	battery terminal one side	250.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/300	battery terminal one side	300.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/350	battery terminal one side	350.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/400	battery terminal one side	400.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/450	battery terminal one side	450.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/500	battery terminal one side	500.0mm	25.0mm	suitable for battery pole 15.9mm ²
BEC25/600	battery terminal one side	600.0mm	25.0mm	suitable for battery pole 15.9mm ²



Eyelet on both sides

Article	Type strip	Length	Width strip	Battery terminal side
EEC16/150	eyelet both sides	150.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/200	eyelet both sides	200.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/250	eyelet both sides	250.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/300	eyelet both sides	300.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/350	eyelet both sides	350.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/400	eyelet both sides	400.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/500	eyelet both sides	500.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC16/600	eyelet both sides	600.0mm	16.0mm	suitable for battery pole 15.9mm ²
EEC25/200	eyelet both sides	200.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/250	eyelet both sides	250.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/300	eyelet both sides	300.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/350	eyelet both sides	350.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/400	eyelet both sides	400.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/450	eyelet both sides	450.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/500	eyelet both sides	500.0mm	25.0mm	suitable for battery pole 15.9mm ²
EEC25/600	eyelet both sides	600.0mm	25.0mm	suitable for battery pole 15.9mm ²



Power point distribution

- * Used to connect two or more voltage lines
- * Hook up negative return lines to single cable
- * Available with large or small base
- * Maximum voltage : 0 - 48 VDC
- * Available in multiple stud heights (optional)
- * Available material : Glass-Filled nylon
- * Available Colors : Red & Black
- * Connection post made from stainless steel
- * Connection nuts made from tin-plated brass

Our Power Distribution Posts are Pre-Engineered to protect against accidental shorting

Use with terminal insulators to meet ABYC-E9, USCG 33 Subpart I, and ISO 10133.

Article	Color	Voltage	Stud height	Overall length	Mounting center	Points to distribute	Terminal point size	Thread size
314N0V00	Clear					Cover		
831N0V14	Black					Cover		
77825N02	Red	48V	28.8mm	84.1mm	39.4mm	8 Points	4.3mm	M6
724N3P05	Yellow					Cover		
738834N14	Red	48V	44.0mm	145.2mm	127.7mm	8 Points	7.9mm	M10
738N3P05	Yellow					Cover		
77010N02	Red	48V	19.0mm	53.4mm	17.4mm	1 Point	4.9mm	M5
77010N14	Black	48V	19.0mm	53.4mm	17.4mm	1 Point	4.9mm	M5
7704N0N02	Red	48V	16.6mm	133.0mm	96.7mm	4 Points	9.5mm	M10
7704N0N14	Black	48V	16.6mm	133.0mm	96.7mm	4 Points	9.5mm	M10
7705N0N02	Red	48V	17.7mm	133.6mm	95.7mm	4 Points	7.5mm	M8
7705N0N14	Black	48V	17.7mm	133.6mm	95.7mm	4 Points	7.5mm	M8
771025N0N02	Red	48V	22.0mm	152.4mm	131.8mm	10 Points	3.95mm	M6
771025N0N14	Black	48V	22.0mm	152.4mm	131.8mm	10 Points	3.95mm	M6
771225N0N02	Red	48V	17.1mm	132.25mm	97.1mm	12 Points	3.95mm	M6
771225N0N14	Black	48V	17.1mm	132.25mm	97.1mm	12 Points	3.95mm	M6
7712N0N02	Red	48V	17.1mm	132.25mm	97.1mm	12 Points	3.95mm	M6
7712N0N14	Black	48V	17.1mm	132.25mm	97.1mm	12 Points	3.95mm	M6
77131N02	Red	48V	29.6mm	84.4mm	22.2mm	1 Point	7.8mm	M8
77131N14	Black	48V	29.6mm	84.4mm	22.2mm	1 Point	7.8mm	M8
77137N02	Red	48V	32.8mm	84.5mm	22.3mm	1 Point	9.5mm	M10
77137N14	Black	48V	32.8mm	84.5mm	22.3mm	1 Point	9.5mm	M10
77831N02	Red	48V	27.3mm	84.1mm	39.0mm	8 Points	4.1mm	M8
77831N14	Black	48V	27.3mm	84.1mm	39.0mm	8 Points	4.1mm	M8





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Battery separators

Article	Amp continue	Standby current	Voltage stability	Switch on	Switch off	Start contact	Microswitch pos	Length	Width	Height
BS100	100A	<5mA	±2%	13.2 or 26.4V	12.8 or 25.6V	Yes	No	46.0mm	46.0mm	80.0mm
BS140	140A	<5mA	±2%	13.2 or 26.4V	12.8 or 25.6V	Yes	No	46.0mm	46.0mm	80.0mm
BS400/12	400A	<5mA	±2%	13.2V	12.8V	Yes	Yes	110.0mm	72.0mm	102.0mm
BS400/24	400A	<5mA 1.8mA 12vdc or 2.0mA 24vdc	±2%	13.2 or 26.4V	12.8 or 25.6V	Yes	Yes	110.0mm	72.0mm	102.0mm
BSW160	160A	<5mA	±2%	13.2 or 26.4V	12.8 or 25.6V	Yes	Yes	58.0mm	72.0mm	108.0mm



Battery guard

1

Article	Voltage	Amp guard	Length	Width	Height	Input voltage	Standby current	Max alarm output	According req
BG10	Auto detect	10A	60.0mm	20.0mm	5.0mm	6 -35V	<4mA	500mA	CE IP66
BG40	Auto detect	40A	88.0mm	64.0mm	49.0mm	6 -35V	<4mA	500mA	CE IP66
BG60	Auto detect	60A	60.0mm	40.0mm	80.0mm	6 -35V	<4mA	500mA	CE IP66
BG100	Auto detect	100A	60.0mm	20.0mm	5.0mm	6 -35V	<4mA	500mA	CE IP66
BG200	Auto detect	200A	120.0mm	110.0mm	60.0mm	6 -35V	<4mA	500mA	CE IP66



Article	Volt	Watt	Amp	Type	Input V	Output V	Max A	Length	Width	Height
SEC-1212G				AC/DC Converter	115-230V	13.8V	9.5A	190.0mm	180.0mm	60.0mm
SEC-1225G				AC/DC Converter	115-230V	13.8V	23A	190.0mm	180.0mm	60.0mm
CHAMP12-17	220V		17A	Battery Charger	180-255V	14.4-13.8V		192.0mm	98.0mm	47.0mm
PST100S-12E	12V	1000W		DC/AC Inverter	10-16.5V	230V +/-3%		395.0mm	236.0mm	83.0mm
PST200S-12E	12V	2000W		DC/AC Inverter	10-16.5V	230V +/-3%		415.0mm	285.0mm	100.0mm
PST30-12E	12V	300W		DC/AC Inverter	10-16.5V	230V +/-3%		214.0mm	146.0mm	65.0mm
SA-3000K-212	12V	3000W		DC/AC Inverter		230V +/-3%				
PST100S-24E	24V	1000W		DC/AC Inverter	21.4-33V	230V +/-3%		395.0mm	236.0mm	83.0mm
PST150S-24E	24V	1500W		DC/AC Inverter	21.4-33V	230V +/-3%		415.0mm	285.0mm	100.0mm
PST60S-24E	24V	600W		DC/AC Inverter	21.4-33V	230V +/-3%		280.0mm	236.0mm	83.0mm
PST30S-24E	24V	300W		DC/AC Inverter	21.4-33V	230V +/-3%		214.0mm	146.0mm	65.0mm
IDC100C-24				DC/DC Converter	30-60V	24.5V		151.0mm	88.0mm	50.0mm
IDC200C				DC/DC Converter	30-60V	24.5V		176.0mm	88.0mm	50.0mm
UNI05	24V		5A	DC/DC Converter	20-35V	13.8V		68.0mm	88.0mm	49.0mm
UNI08	24V		8A	DC/DC Converter	20-35V	13.8V		98.0mm	88.0mm	49.0mm
UNI12	24V		12A	DC/DC Converter	20-35V	13.8V		98.0mm	88.0mm	49.0mm
UNI20	24V		20A	DC/DC Converter	20-35V	13.8V		98.0mm	88.0mm	49.0mm
UNI30	24V		30A	DC/DC Converter	20-35V	13.8V		126.0mm	88.0mm	49.0mm
UNI60	24V		60A	DC/DC Converter	20-35V	13.8V		151.0mm	88.0mm	98.0mm



Battery isolator

Article	Max amp	Max alternater	Length	Width	Height	Number batteries
DB120-2C	100A	120A	60mm	120mm	100mm	2
DB160-2C	130A	160A	60mm	120mm	150mm	2
DB90-2C	70A	90A	60mm	120mm	100mm	2



Galvanic isolator

Article	Type	Amp	Length	Width	Height
GI16 1	Galvanic isolator	16A	200.0mm	120.0mm	60.0mm

Battery watch

The Batterywatch is an intelligent electronic device that displays battery condition status at a glance on a simple RED, AMBER, GREEN, LED display panel and provides an audible alarm for low and high battery voltage.

On first connection of the battery it will display a flashing red LED to confirm the battery is correctly connected and will auto detect its connection voltage making it suitable for 12 or 24volt DC systems.

The Batterywatch can be configured simply with 8 pre selectable programs based on under and over battery voltage detection to provide the audible alarm indication

Article	Input range	Power consumption	Length	Width	Height	Weight
BW-01	7 – 35 Volt	On: 24mA Off: 2mA	65 mm	65 mm	25 mm	0,03 kg
BW-02	7 – 35 Volt	On: 24mA Off: 2mA	30 mm	30 mm	20 mm	0,03 kg





Switches

Switch panels	10.1
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Toggle switch	10.2
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Push button switch	10.3
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Rocker switch	10.6
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Various switches	10.7
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Symbols

Black	10.8
Blue	10.8
Dark blue	10.8
Black/white	10.9
Dark green	10.9
Orange	10.9
Green	10.10
Yellow	10.12
Red	10.13
White	10.14
Yellow/black	10.14
Dark red	10.14

Article	Volt	Color	Bezel	Hole size indicator
E101NG	12V	Green		Ø 12.0mm
E101NR	12V	Red		Ø 12.0mm
E101NT	12V	Amber		Ø 12.0mm
E101NU	12V	Blue		Ø 12.0mm
E221T	12V	Amber	Chrome Bezel	Ø 12.0mm
E222U	12V	Blue	Chrome Bezel	Ø 12.0mm
E223G	12V	Green	Chrome Bezel	Ø 12.0mm
E224R	12V	Red	Chrome Bezel	Ø 12.0mm
E341T	12V	Amber		Ø 18.0mm
E342U	12V	Blue		Ø 18.0mm
E343G	12V	Green		Ø 18.0mm
E354R	12V	Red		Ø 18.0mm
E451T	12V	Amber		30.0mm x 12.0mm
E452U	12V	Blue		30.0mm x 12.0mm
E453G	12V	Green		30.0mm x 12.0mm
E454R	12V	Red		30.0mm x 12.0mm
LED001R	12V	Red		Ø 8.0mm
LED001U	12V	Blue		Ø 8.0mm
LED002R	12V	Red		Ø 8.0mm
LED002U	12V	Blue		Ø 8.0mm
LED003R	12V	Red		Ø 8.0mm



Article	Number switch	Extra info
390040	1	Panel cut out 24.5 x48.2mm
611503	444 series	444 series / pre-fitted 12V bulb
613328	2	2 pole for bulb holder
628021	Complete	555 series / pre-fitted 12V bulb
628031	Complete	556 series / pre-fitted 12V bulb
694269	Various	Transparant cover for panel 695502
694801	Various	Middle piece
694802	Various	End piece
695502	3	Panel cut out 77.8 x48.2mm
695902	6	Panel cut out 156.1 x48.2mm
696273	Various	Cover for closing empty switch in mounting panel
696710	Complete	With pre-fitted 24V bulb
696956	Complete	With pre-fitted 12V bulb
E600	Complete	Switch panel complete / 1x E895 switch with cover / 1x E599 starter button / E101NR warning red light
E601	Complete	Switch panel complete / 1x E95 switch with cover E899R / 1x E895 switch / 1x E101NG warning light green / 1x E101NR warning light red / 1x E599 starter button
EM12	2	Slotted modular plastic panel
EM13	3	Slotted modular plastic panel
EM14	4	Slotted modular plastic panel
EM21	1	Slotted modular plastic panel
EM23	3	Slotted modular plastic panel
EM24	4	Slotted modular plastic panel
MCSEM21	1	Slotted modular plastic panel
EM22	2	Two hole panel
EM11	1	Round hole modular plastic panel
MCSEM11	1	Round hole modular plastic panel



Toggle switches (1/2)

Article	Volt	Type	Switchposition	Extra	Amp
631/H2	250V	Heavy Duty Toggle Switches	On-Off		15A
631/H	250V				
636/H2	250V	Heavy Duty Toggle Switches	On-On		15A
637/H2	250V	Heavy Duty Toggle Switches	Flash-Off-Flash		10A
638/H2	250V	Heavy Duty Toggle Switches	On-Off-Flash		10A
639/H2	250V	Heavy Duty Toggle Switches	On-Off-On		10A
639/H	250V				
641/H2	250V	Heavy Duty Toggle Switches	On-Off		15A
644H	250V				
646/H2	250V	Heavy Duty Toggle Switches	On-Off		15A
647/H2	250V	Heavy Duty Toggle Switches	Flash-Off-Flash		15A
648/H2	250V	Heavy Duty Toggle Switches	On-Off-Flash		15A
649/H2	250V	Heavy Duty Toggle Switches	On-Off-On		15A
E005	12V	Toggle Switches	On-Off		20A
E124N	12V	Toggle Switches	On-Off-On	Fits 12.5mm round hole	20A
E136U	12V	Toggle Switches	On-Off	Blue	20A
E137	12V	Toggle Switches	On-Off		20A
E138	12V	Toggle Switches	On-Off		20A
E139	12V	Toggle Switches	On-Off		20A
E140	12V	Toggle Switches	On-Off-On		20A
E141	12V	Toggle Switches	On-Off-On		20A
E35NG	12V	Toggle Switches	On-Off	Green	20A
E35NR	12V	Toggle Switches	On-Off	Red	20A
E35NT	12V	Toggle Switches	On-Off	Amber	20A
E35NU	12V	Toggle Switches	On-Off	Blue	20A
E41N					
E56N	12V	Toggle Switches	Off-Flash		20A
E750	12V	Toggle Switches	On-Off		16A
E751	12V	Toggle Switches	On-Off	Amber	16A
E752	12V	Toggle Switches	On-Off	Blue	16A
E753	12V	Toggle Switches	On-Off	Green	16A
E754	12V	Toggle Switches		Red	16A



Toggle switches (2/2)

Article	Volt	Type	Switchposition	Extra	Amp
E800T	12V	Toggle Switches	On-Off	Tin plated terminals	25A
E808	12V	Toggle Switches	Off-On-Flash		16A
E817	12V	Toggle Switches	On-Off-On	Red-off-green	30A
E832	12V	Toggle Switches	On-Off		20A
E870	12V	Toggle Switches	On-Off-On	Solder terminals	6A
E871	12V	Toggle Switches	On-On	Solder terminals	6A
E872	12V	Toggle Switches	On-Off	Solder terminals	6A
E875		Toggle Switches	On-Off	Twin Circuit	
E876		Toggle Switches	On-Off-On	Twin Circuit	
E877		Toggle Switches	Off-Flash	Twin Circuit	
E878		Toggle Switches	Off-On-Flash	Twin Circuit	
E879		Toggle Switches	Off-On(1) / On(1+2)	Twin Circuit	
E889CA		Switch Cover		for E891- E899 / Carbon	
E889CH		Switch Cover		for E891- E899 / Chrome	
E889G		Switch Cover		Green for E891- E899	
E889R		Switch Cover		Red for E891- E899	
E889U		Switch Cover		Blue for E891- E899	
E889Y		Switch Cover		Yellow for E891- E899	
E890	12V	Toggle Switches	Flash-Off-Flash	Silver contacts	
E891C		Waterproof Cover		for E890 - E895	
E891	12V	Toggle Switches	On-Off	Silver contacts	25A
E892	12V	Toggle Switches	On-On	Silver contacts	25A
E893	12V	Toggle Switches	On-Off-On	Silver contacts	25A
E894G	12V	Toggle Switches	On-Off	Green LED / Silver contacts	25A
E894T	12V	Toggle Switches	On-Off	Amber LED / Silver contacts	25A
E894U	12V	Toggle Switches	On-Off	Blue LED / Silver contacts	25A
E894	12V	Toggle Switches	On-Off	Red LED / Silver contacts	25A
E895	12V	Toggle Switches	On-Off	Silver contacts	25A
E896	12V	Toggle Switches	On-Off	Twin Circuit	20A
E897	12V	Toggle Switches	On-On	Twin Circuit	20A
E898	12V	Toggle Switches	On-On	Metal Housing	25A
E899	12V	Toggle Switches	On-Off-On	Metal Housing	25A
E91NC		Switch Cover			
E91N	12V	Toggle Switches	On-Off	Fits 12.5mm round hole	
E96N	12V	Toggle Switches	On-On	Fits 12.5mm round hole	
E97N	12V	Toggle Switches	Flash-Off		20A
U851		Heavy Duty Toggle Switches			



Push button switches

Article	Volt	Type	Amp	Extra info
1213A-2		Heavy Duty Push Button Switch		
E118ST	24V	Push/Pull Switches	12.5A	Short
E119ST	24V	Push/Pull Switches	12A	Long
E120N4	24V	Push/Pull Switches	12.5A	4 lenses : Red / Blue / Amber / Green
E152NG	12V	Push Button Switches	16A	Green
E571	12V	Push/Pull Switches	8.3A	
E599		Push Button Switches		Heavy duty die cast starter switch
PBS001R	12V	Push Button Switches	16A	Red
PBS001	12V	Push Button Switches	16A	Black
PBS002	12V	Push Button Switches	10A	
PBS003	12V	Push Button Switches	20A	Plated brass
PBS004	12V	Push Button Switches	20A	
PBS0102	24V	Push Button Switches	4A	
PBS0107	24V	Push Button Switches	4A	
PBS0201	24V	Push Button Switches	12.5A	
PBS0202	24V	Push Button Switches	12.5A	
PBS0203	24V	Push Button Switches	12.5A	
PBS0207	24V	Push Button Switches	12.5A	as PBS0202 but with dampproof cover
PBS0210	24V	Push Button Switches	12.5A	
PBS0301	24V	Push Button Switches	12.5A	
PBS0302	24V	Push Button Switches	12.5A	as PBS0301 but with dampproof cover
PDS-10	12V 24V	Passive Infrared Switch	10A	range 5 meter
U31		Heavy Duty Push Button Switch		Sealing boot Nickel plated



Rocker switch

Article	Volt	Switch position	Lighting
E420	12V/16A	On-Off	
E421T	12V/16A	On-Off	Amber
E422U	12V/16A	On-Off	Blue
E423G	12V/16A	On-Off	Green
E425	12V/16A	On-Off-On	
E700	12V/16A	On-Off	
E701	12V/16A	On-Off	
E703	12V/16A	On-Off	
E704	12V/16A	On-Off	
E706	12V/16A	Flash-Off	
E709	12V/16A	Flash-Off-Flash	
E710	12V/20A	On-Off Double pole	
E711	12V/16A	On-Off Double pole	Amber
E720	12V/16A	On-Off	
E721	12V/16A	On-Off	Amber
E722	12V/16A	On-Off	Blue
E723	12V/16A	On-Off	Green
E724	12V/16A	On-Off	Red
E725	12V/16A	On-On	
E731T	12V/16A	On-Off	Led amber
E733G	12V/16A	On-Off	Led green
E734	12V/16A	On-Off	Led red
E735	12V/16A	On-Off-On	Amber / Green
E736	12V/16A	On-On	Amber / Green
E745	12V/16A	On-On	
E714	12V/16A	On-Off Double pole	Red



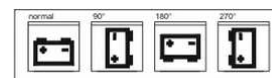
Various switches

Article	Volt	Type	Remarks
DS003		Door Switches & Covers	Round hole fitting door switch 10A
DS004		Door Switches & Covers	Round hole fitting door/alarm switch with extended arm suitable for cutting to length
DS005		Door Switches & Covers	Round hole fitting door/alarm switch with extended arm suitable for cutting to length
DS006		Door Switches & Covers	Telescopic round hole fitting door switch
DS007		Door Switches & Covers	Round hole fitting door switch
E272		Door Switches & Covers	Cover for DS003
LDU01		Light Delay Unit	
249801	12V	Buzzer	with red-blue cable
249802	12V	Light Reminder	with green-orange cable. The light reminder sounds the alarm for 10 seconds and the red LED burns at the same time



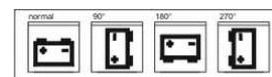
Symbols black

Article	Mounting	Color	Type icon
896112	Normal	Black	Tank 2
896176	Normal	Black	Horn
896401	180°	Black	Windscreen Wiper
896619	Normal	Black	Light
896620	Normal	Black	No Description



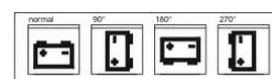
Symbols blue

Article	Mounting	Color	Type icon
895115	Normal	Blue	Perambulator
895195	90°	Blue	High Beam
895620	Normal	Blue	No Description
896169	Normal	Blue	High Beam



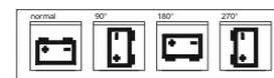
Symbols dark blue

Article	Mounting	Color	Type icon
894770	90°	Dark Blue	High Beam



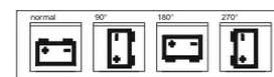
Symbols

Article	Mounting	Color	Type icon
893611	Normal	Black/White	Fog Lamp
891648	Normal	Black/White	Windscreen Wiper



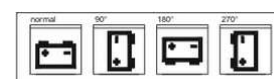
Symbols darkgreen

Article	Mounting	Color	Type icon
894645	Normal	Dark Green	No Description
894792	Normal	Dark Green	Window Lifter
893772	Normal	Dark Green	Window Lifter

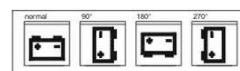


Symbols orange

Article	Mounting	Color	Type icon
892870	Normal	Orange	Cargo Compartment Lighting
892916	180°	Orange	Rotary Beacon
895113	Normal	Orange	Rotary Beacon
895425	Normal	Orange	Fuel
896170	Normal	Orange	Hazard Warning
896230	Normal	Orange	No Description
891508	Normal	Orange	All Wheel Drive
892373	90°	Orange	Rotary Beacon
896185	Normal	Orange	Slow

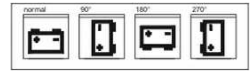


Article	Mounting	Color	Type icon
893043	Normal	Green	Axle Lower
893445	Normal	Green	Motor Start
894405	Normal	Green	Raise-Lower
894460	Normal	Green	Direction Indicator
894461	Normal	Green	Direction Indicator
894462	Normal	Green	Rear Window Heating
894700	Normal	Green	Fan
894769	Normal	Green	Rear Window Washer
895141	Normal	Green	Heating Driver's Seat
895145	Normal	Green	Auxiliary Step
895200	90°	Green	Window Lifter
895421	Normal	Green	Camera
895437	Normal	Green	Seat Heating
895440	Normal	Green	Exterior Mirror Defroster
895851	Normal	Green	Door Opener - Door 1
895852	Normal	Green	Door Opener - Door 2
895967	Normal	Green	Door Opener
895969	Normal	Green	Slow
896101	Normal	Green	Cooling
896106	Normal	Green	Socket
896122	Normal	Green	Window Lifter
896156	Normal	Green	Support Right Hand
896157	Normal	Green	Support Left Hand
896186	Normal	Green	Radio/Music
896195	Normal	Green	Blower
896196	Normal	Green	Horn
896222	Normal	Green	Tank Filling Level
896298	Normal	Green	Tank Selector Switch
896301	Normal	Green	Window Lifter
896305	Normal	Green	Rear Window Wiper
896307	Normal	Green	Rear Window Wiper
896313	Normal	Green	Work Lamp
896390	Normal	Green	Rear Window Defroster
896392	Normal	Green	Power Take-off
896394	Normal	Green	Intermittant Wiper
896397	Normal	Green	Main Switch
896424	Normal	Green	Position Lamp
896469	Normal	Green	Tipper
896472	Normal	Green	Rear General Service Lamp
896473	Normal	Green	Service Lamp
896603	Normal	Green	Windscreen Wiper/ Washer



Symbol green

Article	Mounting	Color	Type icon
896604	Normal	Green	Blower Slow
896622	Normal	Green	Heating
896623	Normal	Green	Differential Lock
896625	Normal	Green	Windscreen Wiper
896626	Normal	Green	Fog Warning Lamp
896627	Normal	Green	Windscreen Washer
896628	Normal	Green	Rotary Beacon
896629	Normal	Green	Loading Floor Lamp
896631	270°	Green	Preheater
896636	Normal	Green	Instrument Lighting
896637	Normal	Green	Driving Seat Lighting
896638	Normal	Green	Reading Light
896639	Normal	Green	Interior Light Dim
896641	Normal	Green	Interior Light
896642	Normal	Green	Blower Fast
896647	Normal	Green	Headlamp Washer
896648	Normal	Green	Light
896649	Normal	Green	Fog Lamp
896650	Normal	Green	No Description
896651	Normal	Green	Main Light
896652	Normal	Green	Lubrication Oil
896654	Normal	Green	Side Marker Lamps
894440	Normal	Green	Engine Brake
894767	Normal	Green	Work Lamp
895441	Normal	Green	1st Tractor
895971	Normal	Green	Fast
896303	Normal	Green	Dipped Beam
896643	Normal	Green	Air Horn
894439	Normal	Green	Run-Out Stop
894500	Normal	Green	Off-On

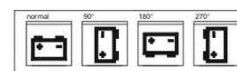


Symbol yellow

Article	Mounting	Color	Type icon
893631	180°	Yellow	Service Lamp
894443	Normal	Yellow	Lift Left Trail Axle
894465	Normal	Yellow	Heating and Ventilation
894480	Normal	Yellow	Rotary Beacon
894485	Normal	Yellow	Cargo Compartment Lighting
894493	Normal	Yellow	Side Marker Lamps
895110	Normal	Yellow	Lubrication Oil
895119	Normal	Yellow	Reduce Oil Pressure
895344	Normal	Yellow	No Description
895400	Normal	Yellow	Horn Backwards
895401	Normal	Yellow	Work Lamp
895402	Normal	Yellow	Work Lamp
896138	Normal	Yellow	Battery
896140	Normal	Yellow	Air Cleaner
896146	Normal	Yellow	Fog Warning Lamp
896148	Normal	Yellow	Fog Lamp
896238	Normal	Yellow	Window Lifter
896426	Normal	Yellow	Rotary Beacon
896609	Normal	Yellow	Fog Warning Lamp
896610	Normal	Yellow	No Description
894496	Normal	Yellow	Rear Window Heating
895107	Normal	Yellow	Windscreen Wiper/Washer
896139	Normal	Yellow	Seat Heating

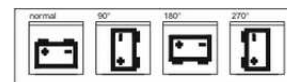


Article	Mounting	Color	Type icon
894421	Normal	Red	Voltage
894422	270°	Red	Transmission Oil Pressure
894423	Normal	Red	Air Cleaner
894434	Normal	Red	Stop
895101	Normal	Red	Temperature
895111	Normal	Red	Stop Brake
895130	Normal	Red	Boot Lid
895131	Normal	Red	Auxiliary Stop
895193	90°	Red	Parking Brake
895197	90°	Red	Transmission Oil Pressure/Temperature
895198	90°	Red	Battery
895199	90°	Red	Lubrication Oil
895410	Normal	Red	Out of Gear
896114	Normal	Red	Transmission Oil Pressure
896144	Normal	Red	Brake System Trouble
896152	Normal	Red	Door Opener
896153	Normal	Red	Battery
896168	180°	Red	Auxiliary Drive
896171	Normal	Red	Lubrication Oil
896173	Normal	Red	Parking Brake
896174	Normal	Red	Tank Filling Level
896191	Normal	Red	Hazard Warning
896614	Normal	Red	Hazard Warning
896615	Normal	Red	No Description
897100	Normal	Red	Temperature



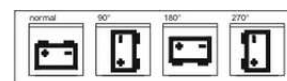
Symbols white

Article	Mounting	Color	Type icon
894418	Normal	White	Start
896100	Normal	White	No Description



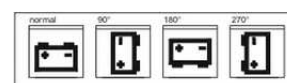
Symbols yellow/black

Article	Mounting	Color	Type icon
892348	Normal	Yellow/Black	Rotary Beacon
893616	Normal	Yellow/Black	Cable Winch
894478	Normal	Yellow/Black	Horn Backwards
894455	Normal	Yellow/Black	Exterior Mirror Defroster



Symbols dark red

Article	Mounting	Color	Type icon
894646	Normal	Dark Red	No Description





Fuses & Holders

Fuses

Standard blade	11.2
Maxi	11.2
Midi	11.3
Mega	11.3
80V blade	11.4
Ceramic cube	11.4
Fuse puller	11.5
Glass fuses	11.5
Ato glow	11.6
Glow mini blade	11.6
Slow blow block	11.7
Torpedo	11.8
Various	11.8
Micro blade	11.8
Mini blade	11.9

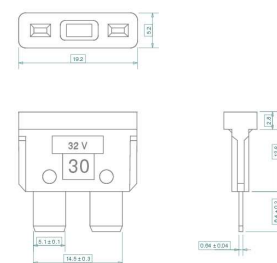
Fuses & Holders

Holdings

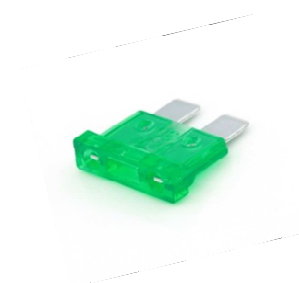
Battery fuse box	11.9
Continental boxes	11.10
Cover	11.10
Led fuse box	11.11
Maxi fusebox	11.11
Mini fusebox	11.12
Standard blade box	11.12
Add a circuit blade holder	11.12
Add a circuit mini fuseholder	11.13
ANL Fuseholder	11.13
Diodes	11.13
Glass fuse holders	11.14
Maxi fuse holder	11.14
Mega-midi fuse holders	11.15
Mini fuse holder	11.15
Standard fuseholder	11.16



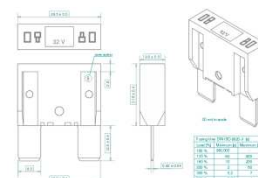
Standard blade fuses



Article	Amp	Color	Max work V	Length	Width	Length	According req
RF1L	1A	Black	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF2L	2A	Grey	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF3L	3A	Violet	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF4L	4A	Pink	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF5L	5A	Tan	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF7.5L	7.5A	Brown	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF10L	10A	Red	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF15L	15A	Blue	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF20L	20A	Yellow	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF25L	25A	Natural	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF30L	30A	Green	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3
RF40L	40A	Orange	32V	19.2mm	5.2mm	19.2mm	complies to DIN ISO 8820-3



Maxi blade fuses



Article	Amp	Color	Max work V	Length	Width	Length	according req
MAF20	20A	Yellow	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF30	30A	Green	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF40	40A	Orange	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF50	50A	Red	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF60	60A	Blue	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF70	70A	Light Brown	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF80	80A	Natural	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards
MAF100	100A	Violet	32V	29.4 mm	8.8 mm	34 mm	DIN ISO 8820-3 SAE J1888 and other standards



Midi fuses

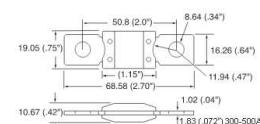
Article	Amp	Color	Max work V	Length	Width	Length	Bolt	According req
MIDI1	Fuseholder Midi & Strip Fuses							
MIDI30	30A	Orange	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI40	40A	Green	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI50	50A	Red	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI60	60A	Yellow	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI70	70A	Brown	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI80	80A	White	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI100	100A	Blue	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI125	125A	Pink	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI150	150A	Grey	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards
MIDI200	200A	Violet	58V	41.0mm	12.0mm	8.0mm	Ø 5.4mm	ISO 8820 JASO D612 and other standards



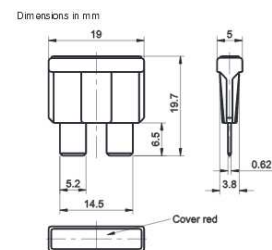
Mega blade fuses

Article	Amp	Color	Max work V	Length	Width	Length	According req
MEGA60	60A	Black	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA80	80A	Black	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA100	100A	Yellow	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA125	125A	Green	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA150	150A	Orange	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA175	175A	White	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA200	200A	Blue	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA225	225A	Brown	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA250	250A	Pink	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA300	300A	Grey	32 V	9.3 mm	67.3 mm	18.8 mm	UL94-V0
MEGA400	400A	Purple	32 V	10.1 mm	67.3 mm	18.8 mm	UL94-V0
MEGA500	500A	Brown	32 V	10.1 mm	67.3 mm	18.8 mm	UL94-V0

Dimensions in mm



80V blade fuses



Article	Amp	Color	Max work V	Length	Width	Length
RF8003	3A	Purple	80V	19.0mm	5.0mm	19.7mm
RF8004	4A	Pink	80V	19.0mm	5.0mm	19.7mm
RF8005	5A	Light Brown	80V	19.0mm	5.0mm	19.7mm
RF8075	7.5A	Brown	80V	19.0mm	5.0mm	19.7mm
RF8010	10A	Red	80V	19.0mm	5.0mm	19.7mm
RF8015	15A	Blue	80V	19.0mm	5.0mm	19.7mm
RF8020	20A	Yellow	80V	19.0mm	5.0mm	19.7mm
RF8025	25A	White	80V	19.0mm	5.0mm	19.7mm
RF8030	30A	Green	80V	19.0mm	5.0mm	19.7mm



Ceramic fuses

Article	Amp	Color	Max work V	Length	Width	According req	Height
CF050	50A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF075	75A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF100	100A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF125	125A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF150	150A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF175	175A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF200	200A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF250	250A	Ceramic	58V	23.5mm	20.0mm		11.0mm
CF300	300A	Ceramic	58V	23.5mm	20.0mm		11.0mm

CF-M8

Bolt for CF fuse



FP1 puller

Article	Color	Type
FP1	Yellow	puller



Glass fuses

Article	Amp	Color	Temp rating	Length	Width	According req
BF520/1A	1A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF520/2A	2A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF520/3A	3A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF520/5A	5A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF520/6A	6A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF520/10A	10A	Transparant	15°C - 35°C	20.0mm	Ø 5.0mm	IEC 127 Standard sheet III for fast acting fuses
BF632/1A	1A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/2A	2A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/5A	5A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/10A	10A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/15A	15A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/20A	20A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/25A	25A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/30A	30A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II
BF632/35A	35A	Transparant	15°C - 35°C	32.0mm	Ø 6.3mm	IEC 127 Standard sheet II



Glow ato blade fuses

Article	A	Color	Max V	Length	Width	Height
GLF3	3A	Violet	32V	22.0mm	19.0mm	5.0mm
GLF4	4A	Pink	32V	22.0mm	19.0mm	5.0mm
GLF5	5A	Tan	32V	22.0mm	19.0mm	5.0mm
GLF7.5	7.5A	Brown	32V	22.0mm	19.0mm	5.0mm
GLF10	10A	Red	32V	22.0mm	19.0mm	5.0mm
GLF15	15A	Blue	32V	22.0mm	19.0mm	5.0mm
GLF20	20A	Yellow	32V	22.0mm	19.0mm	5.0mm
GLF25	25A	Natural	32V	22.0mm	19.0mm	5.0mm
GLF30	30A	Green	32V	22.0mm	19.0mm	5.0mm
GLF40	40A	Orange	32V	22.0mm	19.0mm	5.0mm



Glow mini blade fuses

Article	Amp	Color	Max work V	Length	Width	Height
MGLF15	15A	Blue	32V	22.0mm	19.0mm	5.0mm
MGLF25	25A	Natural	32V	22.0mm	19.0mm	5.0mm

Slow blow block fuses

Article	Amp	Color	Max work V	Type slow blow	Length	Width	Height
FB30	30A	Pink	32V	C	62.0mm	12.0mm	21.5mm
FB40	40A	Green	32V	C	62.0mm	12.0mm	21.5mm
FB50	50A	Red	32V	C	62.0mm	12.0mm	21.5mm
FB60	60A	Yellow	32V	C	62.0mm	12.0mm	21.5mm
FB70	70A	Brown	32V	C	62.0mm	12.0mm	21.5mm
FB80	80A	Black	32V	C	62.0mm	12.0mm	21.5mm
FB100	100A	Blue	32V	C	62.0mm	12.0mm	21.5mm
FB120	120A	White	32V	C	62.0mm	12.0mm	21.5mm
FF20	20A	Blue	58V	AS	22.2mm	15.0mm	30.0mm
FF30	30A	Pink	58V	AS	22.2mm	15.0mm	30.0mm
FF40	40A	Green	58V	AS	22.2mm	15.0mm	30.0mm
FF50	50A	Red	58V	AS	22.2mm	15.0mm	30.0mm
FF60	60A	Yellow	58V	AS	22.2mm	15.0mm	30.0mm
FM30	30A	Pink	58V	B/BT	22.2mm	15.2mm	45.0mm
FM40	40A	Green	58V	B/BT	22.2mm	15.2mm	45.0mm
FM50	50A	Red	58V	B/BT	22.2mm	15.2mm	45.0mm
FM60	60A	Yellow	58V	B/BT	22.2mm	15.2mm	45.0mm
FM70	70A	Brown	58V	B/BT	22.2mm	15.2mm	45.0mm
FM80	80A	Black	58V	B/BT	22.2mm	15.2mm	45.0mm
FM100	100A	Blue	58V	B/BT	22.2mm	15.2mm	45.0mm
FM120	120A	Grey	58V	B/BT	22.2mm	15.2mm	45.0mm
JC20	20A	Light Blue	58V	J/JT	14.1mm	12.0mm	27.2mm
JC30	30A	Pink	58V	J/JT	14.1mm	12.0mm	27.2mm
JC40	40A	Green	58V	J/JT	14.1mm	12.0mm	27.2mm
JC50	50A	Red	58V	J/JT	14.1mm	12.0mm	27.2mm
JC60	60A	Yellow	58V	J/JT	14.1mm	12.0mm	27.2mm
PAL3030	30A	Pink	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3040	40A	Green	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3050	50A	Red	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3060	60A	Yellow	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3070	70A	Brown	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3080	80A	Black	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3100	100A	Blue	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL3120	120A	White	58V	CS/CT	48.0mm	12.0mm	21.5mm
PAL525	25A	Light Brown	32V	D	21.4mm	13.0mm	31.0mm
PAL530	30A	Light Green	32V	D	21.4mm	13.0mm	31.0mm
PAL545	45A	Red	32V	E	28.5mm	13.8mm	37.0mm
PAL565	65A	Black	32V	E	28.5mm	13.8mm	37.0mm
PAL575	75A	Grey	32V	E	28.5mm	13.8mm	37.0mm
PAL830	30A	Pink	32V	F	21.4mm	16.9mm	31.0mm
PAL840	40A	Grey	32V	F	21.4mm	16.9mm	31.0mm



Torpedo type

Article	Amp	Color	Max work V	Materials	Length	Width	Height
RF5C	5A	Yellow	36V	Ceramic	25.0mm	5.0mm	6.0mm
RF5TP	5A	Yellow	36V	Thermoplastic	25.0mm	5.0mm	6.0mm
RF8C	8A	White	36V	Ceramic	25.0mm	5.0mm	6.0mm
RF8TP	8A	White	36V	Thermoplastic	25.0mm	5.0mm	6.0mm
RF16C	16A	Red	36V	Ceramic	25.0mm	5.0mm	6.0mm
RF16TP	16A	Red	36V	Thermoplastic	25.0mm	5.0mm	6.0mm
RF25C	25A	Blue	36V	Ceramic	25.0mm	5.0mm	6.0mm
RF25TP	25A	Blue	36V	Thermoplastic	25.0mm	5.0mm	6.0mm



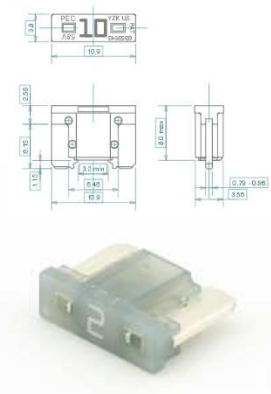
Various fuses

Article	Amp	Color	Type	Max work V	Length	Width	Height
H1610H2/6A	6A	Green	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/8A	8A	Yellow	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/10A	10A	Red	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/15A	15A	Light Blue	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/20A	20A	Yellow	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/25A	25A	White	Circuit blade	28V	35.5mm	20.0mm	6.0mm
H1610H2/30A	30A	Green	Circuit blade	28V	35.5mm	20.0mm	6.0mm
ANL-35	35A	silver-plated copper link	low voltage limiter, non-time-delay		81.0mm	22.0mm	
ANL-150	150A	silver-plated copper link	low voltage limiter, non-time-delay		81.0mm	22.0mm	



Micro blade fuses

Article	Amp	Color	Max work V	Length	Width	Length
MCF002	2A	Grey	58V	10.9mm	3.8mm	8.7mm
MCF003	3A	Purple	58V	10.9mm	3.8mm	8.7mm
MCF004	4A	Pink	58V	10.9mm	3.8mm	8.7mm
MCF005	5A	Tan	58V	10.9mm	3.8mm	8.7mm
MCF075	7.5A	Brown	58V	10.9mm	3.8mm	8.7mm
MCF010	10A	Red	58V	10.9mm	3.8mm	8.7mm
MCF015	15A	Blue	58V	10.9mm	3.8mm	8.7mm
MCF020	20A	Yellow	58V	10.9mm	3.8mm	8.7mm
MCF025	25A	Natural	58V	10.9mm	3.8mm	8.7mm
MCF030	30A	Green	58V	10.9mm	3.8mm	8.7mm



Mini blade fuses

Article	Amp	Color	Max work V	Length	Width	Length
MIF2	2A	Grey	32V	11.1mm	3.9mm	16.1mm
MIF3	3A	Violet	32V	11.1mm	3.9mm	16.1mm
MIF4	4A	Pink	32V	11.1mm	3.9mm	16.1mm
MIF5	5A	Tan	32V	11.1mm	3.9mm	16.1mm
MIF7.5	7.5A	Brown	32V	11.1mm	3.9mm	16.1mm
MIF10	10A	Red	32V	11.1mm	3.9mm	16.1mm
MIF15	15A	Blue	32V	11.1mm	3.9mm	16.1mm
MIF20	20A	Yellow	32V	11.1mm	3.9mm	16.1mm
MIF25	25A	Natural	32V	11.1mm	3.9mm	16.1mm
MIF30	30A	Green	32V	11.1mm	3.9mm	16.1mm



Battery fuse box

Article	Fusebox type	Connection type	No. of connections	Connection lock	No. of fuses
FHA00710	Battery Fuse Boxes	Screw	4 Way	Under	4



Continental boxes

Article	Fusebox type	Connection type	No of connections	Connection lock	No of fuses
CFB04	Continental boxes	Screw	4 Way	Side	4
CFB06	Continental boxes	Screw	6 Way	Side	6
CFB08	Continental boxes	Screw	8 Way	Side	6
CFB10	Continental boxes	Screw	10 Way	Side	10
CFB12	Continental boxes	Screw	12 Way	Side	12
FHA8	Continental boxes	Screw	1 Way	Side	1



Cover

Article	Fusebox type	Remarks
FHAC80	Cover	Cover for FHA80 & FHA81
FHAC24/25	Cover	Cover for FHA24 & FHA25



Article	Fusebox type	Remarks
390639	Decalset	Stickerset for 5026B
260500	Decalset	Stickerset for 5026B



LED fuse boxes

Article	Fusebox type	No. of connection	Connection	No. of fuses	A	V	Remarks
FHA-L104	LED Fuse Boxes	4 Way	Fixed side	4	30A	32V	6.3mm terminal
FHA-L106	LED Fuse Boxes	6 Way	Fixed side	6	30A	32V	6.3mm terminal
FHA-L110	LED Fuse Boxes	10 Way	Fixed side	10	30A	32V	6.3mm terminal



Maxi blade boxes

Article	Fusebox type	Connection	No. of connection	Connection	No. of fuses
FHA500	Maxi Blade Boxes	Non Attached	2 Way	Side	2



Mini fuse boxes

Article	Fusebox type	Connection	No. of connection	Connection lock	No. of fuses	Max A	Max V
FHA20104	Mini Fuse Boxes	Fixed Terminal	4 Way	Side	4	30A	32V
FHA20106	Mini Fuse Boxes	Fixed Terminal	6 Way	Side	6	45A	32V
FHA20108	Mini Fuse Boxes	Fixed Terminal	8 Way	Side	8	60A	32V
FHA20110	Mini Fuse Boxes	Fixed Terminal	10 Way	Side	10	30A	32V



Standard blade boxes

Article	Fusebox type	Connection	No of connection	Connection lock	No. of fuses	Max A	Max V
5026B	Standard Blade Boxes	Screw	12 Way	Side	12	30A	32V
FHA40	Standard Blade Boxes	Fixed Terminal	4 Way	Under	4		
FHA600	Standard Blade Boxes	Fixed Terminal	6 Way	Side	6		
FHA60	Standard Blade Boxes	Fixed Terminal	6 Way	Under	6		
FHA610	Standard Blade Boxes	Fixed Terminal	4 Way	Side	4		
FHA80	Standard Blade Boxes	Fixed Terminal	8 Way	Side	8		
FHA81	Standard Blade Boxes	Fixed Terminal	8 Way	Side	8		
FHA3000	Standard Blade Boxes	Non Attached	6 Way	Under	6		
FHA82CS	Standard Blade Boxes		8 Way	Under			
FHA82	Standard Blade Boxes	Non Attached	6 Way	Under	6		



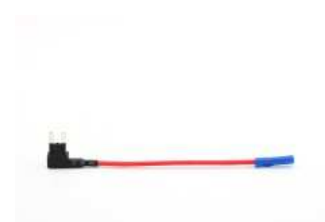
Add a circuit blade holder

Article	Connection	max Amp	Materials	Temp rating
FHA92	Fixed Terminal	20A	Nylon PA66 UL 94V terminal brass	tin plated



Add a circuit mini fuseholder

Article	Fusebox type	Connection	max Amp	Materials	Temp rating
FHA91	Add a circuit mini fuse holder	Fixed terminal	20 A.	Nylon PA66 UL 94V terminal brass	tin plated



ANL fuse holder

Article	Fusebox type	Connection	Remarks connection
ANB740N9N14	ANL fuse holder	Non attached	ANL fuse kit black includes fuse block 2x 487 series terminal insulators hardware and cover. Are supplied without fuses



Diodes

Article	Volt diode	Amp diode	Sizes diode
1N-4007	1000V	1A	21.0x19.0x5.0mm
1N-5060	400V	2A	21.0x19.0x5.0mm
1N-5404K	400V	3A	21.0x19.0x5.0mm



Glass fuse holders

Article	Fusebox type	Connection	Max Amp	Remarks connection
FHA2	Glass fuse holder	Fixed terminal	17.5 A	2.0 mm ² cable butt connectors
FHA4	Glass fuse holder	Fixed terminal	17.5 A	2.0 mm ² cable
FHA7	Glass fuse holder	Non attached		With 2 Amp. fuses 20x5 mm



Maxi fuse holder

Article	Fusebox type	Connection	Remarks connection
FHA1005	Maxi fuse holder	Non attached	Incl. terminals : 3-7660 4.0-6.0 mm ²
FHA110	Maxi fuse holder	Fixed terminal	9.5 mm tabs incl. cover
FHA120	Maxi fuse holder	Screw	incl. cover
FHA22	Maxi fuse holder	Fixed terminal	14 mm ²
FHA390	Maxi fuse holder	Non attached	Excl. terminals : see terminal 3-7650



Mega-midi fuse holders

Article	Fusebox type	Length	Width	Height	Bolt
FHA360	Mega-Midi fuse holder	72.5mm	23.8mm	22.5mm	M5
FHAMEGA20	Mega-Midi fuse holder	123mm	33mm	24.5mm	
FHAMEGA35	Mega-Midi fuse holder	123mm	33mm	24.5mm	
MFB1	Mega-Midi fuse holder				
MEGA1	Mega-Midi fuse holder	60.7mm	29.8mm	25.3mm	M5
MIDI1	Mega-Midi fuse holder	60.7mm	29.8mm	25.3mm	M5



Mini fuse holders

Article	Fusebox type
FHA1400	Mini fuse holders
FHA23	Mini fuse holders



Standard fuse holders

Article	Fusebox type	Connection type	Remarks connection
FHA9	Standard fuse holder		
FHA14	Standard fuse holder	Fixed terminal	6.3 mm terminals
FHA15	Standard fuse holder	Fixed terminal	6.3 mm terminals tinned
FHA16	Standard fuse holder	Fixed terminal	with locking device
FHA17	Standard fuse holder	Fixed terminal	6.3 mm tab-connections underneath
FHA19	Standard fuse holder	Non attached	incl. 2 crimp terminals
FHA20	Standard fuse holder	Fixed terminal	6.3 mm terminals insulated tabs
FHA24	Standard fuse holder	Fixed terminal	2.0 mm ² black
FHA25	Standard fuse holder	Fixed terminal	3.0 mm ² orange
FHA28	Standard fuse holder	Fixed terminal	2.0 mm ² black
FHA28R	Standard fuse holder	Fixed terminal	2.0 mm ² red
FHA29	Standard fuse holder	Fixed terminal	3.0 mm ² red
FHA330	Standard fuse holder	Fixed terminal	insertable fuseholder
FHA400	Standard fuse holder	Non attached	excl. Terminals : 3-7900 and 3-7901
FHA00341	Standard fuse holder	Fixed terminal	6.3 mm terminals
K972	Standard fuse holder	Fixed terminal	0.65 - 2.0 mm ²





Relays

Flasher unit	12.1
High performance	12.2
Micro relays	12.2
Change over	12.2
Normally open	12.2
Mini relay	
Normally open	12.3
Change over	12.3
Mini normally open	12.4
Starter relay	12.5
Temperature controlled unit	12.6
Timer relay	12.7

Article	Type	Volt	Watt	Bracket
1001	Flasher unit	12V	180W	Yes
1005	Flasher unit	12V	21W	Yes
1009	Flasher unit	12V	11W	Yes
1010	Flasher unit	12V	110W	No
1011	Flasher unit	12V	180W	Yes
1012	Flasher unit	12V	180W	Yes
1036	Flasher unit	12V	180W	No
1040	Flasher unit	24V	84W	Yes
1042	Flasher unit	24V	21W	No
1043	Flasher unit	24V	21W	Yes
1090	Flasher unit	12V	200W	Yes
1091	Flasher unit	12V	200W	Yes
1102	Flasher unit	24V	200W	Yes
1103	Flasher unit	24V	200W	Yes
1126	Flasher unit	12V	21W	No
1169	Flasher unit	24V	21W	No
1228	Flasher unit	12V	21W	No
1234	Flasher unit	24V	21W	Yes
1245	Flasher unit	12V	21W	Yes
1290	Flasher unit	24V	84W	No
1359	Flasher unit	12V	21W	Yes
1369	Flasher unit	12V	21W	Yes
1370	Flasher unit	12V	21W	No
1376	Flasher unit	12V	21W	Yes
1377	Flasher unit	12V	31W	No
1379	Flasher unit	12V	21W	yes
1380	Flasher unit	12V	21W	Yes
1380	Flasher unit	12V	21W	Yes
1381	Flasher unit	12V	21W	No
1448	Flasher unit	24V	500W	Yes
1465	Flasher unit	24V	21W	Yes
1466	Flasher unit	24V	21W	No
1584	Flasher unit	12V	21W	Yes
1585	Flasher unit	24V	21W	Yes



High performance

Article	Type	Brand	No of pins	Bracket	Resistor	Diode	Amperage	Tabs
2136/200	High Performance	Ripca	4-pins	Yes	No	No	200A	2x6
2136	High Performance	Ripca	4-pins	Yes	No	No	100A	2x6
2252	High Performance	Nagares	4-pins	Yes	No	No	120A	2x6
2362/100	High Performance	Ripca	4-pins	Yes	No	No	100A	2x6



Micro relay change over

Article	Type	Brand	Volt	No of pins	Bracket	Resistor	Diode	Amp.	Tabs
2851	Micro relay change over	Wittrin	24V	5-pins	No	No		5-10A	
2845	Micro relay change over	Ripca	12V	5-pins	No	No		15-25A	
2845D	Micro relay change over	Ripca	12V	5-pins	No	No	Yes	15-25A	3x4
2845R	Micro relay change over	Ripca	12V	5-pins	No	Yes	No	15-25A	3x4
2847	Micro relay change over	Ripca	24V	5-pins	No	No		5-10A	
2847D	Micro relay change over	Ripca	24V	5-pins	No	No	Yes	5-10A	
2847R	Micro relay change over	Ripca	24V	5-pins	No	Yes	No	5-10A	



Micro relay normally open

Article	Type	Brand	No of pins	Bracket	Resistor	Diode	Volt	Amp	Tabs
2842	Micro relay normally open	Ripca	4-pins	No	No		12V	25A	2x2
2842D	Micro relay normally open	Ripca	4-pins	No	No	Yes	12V	25A	2x4
2842R	Micro relay normally open	Ripca	4-pins	No	Yes	No	12V	25A	2x4
2843	Micro relay normally open	Ripca	4-pins	No	No		24V	10A	
2843D	Micro relay normally open	Ripca	4-pins	No	Yes	No	24V	10A	
2843R	Micro relay normally open	Ripca	4-pins	No	No	Yes	24V	10A	
2848	Micro relay normally open	Wittrin	4-pins	No	No		12V	25A	2x4
400102	Micro relay normally open	Ripca	4-pins	Yes	No	No	24V	15A	



Mini normally open

Article	Type	Brand	No of pins	Bracket	Resistor	Diode	Volt	Amp
2699	Mini Normally Open	Nagares	5-pins	Yes	Yes	No	24V	22A



Mini relays changeover

Article	Brand	No of pins	Bracket	Resistor	Diode	Voltage	Amperage	Tabs
2027C	Ripca	5-pins	No	No	No	12V	30-40A	6
2027	Ripca	5-pins	No	No	No	12V	30-40A	6
203227	Ripca	5-pins	Yes	No	No	12V	30-40A	6
2032C	Ripca	5-pins	Yes	No	No	12V	30-40A	6
2055	Nagares	5-pins	No	No	No	24V	10-22A	
206055	Ripca	5-pins	Yes	No	No	24V	10-20A	
2060	Nagares	5-pins	Yes	No	No	24V	10-22A	
2391	Nagares	5-pins	Yes	No	No	12V	15-40A	
2392	Nagares	5-pins	No	No	No	12V	15-40A	
2393	Nagares	5-pins	Yes	No	No	24V	10-22A	
2394	Nagares	5-pins	No	No	No	24V	10-22A	
268990	Ripca	5-pins	Yes	No	Yes	12V	30-40A	6
2689HD	Nagares	5-pins	Yes	No	Yes	12V	30-40A	6
2689	Nagares	5-pins	Yes	No	Yes	12V	15-40A	
2690HDDS	Nagares	5-pins	No	No	Yes	12V	30-40A	6
2690	Nagares	5-pins	No	No	Yes	12V	15-40A	
2700	Nagares	5-pins	Yes	No	Yes	24V	10-22A	
275253	Ripca	5-pins	Yes	Yes	No	12V	30-40A	6
2752	Nagares	5-pins	Yes	Yes	No	12V	15-40A	
2753	Nagares	5-pins	No	Yes	No	12V	15-40A	
2754	Nagares	5-pins	Yes	Yes	No	24V	10-22A	
2755	Nagares	5-pins	No	Yes	No	24V	10-22A	
2756	Nagares	5-pins	No	No	Yes	24V	10-22A	



Mini relay normally open

Article	Type	Brand	No of pins	Bracket	Resistor	Diode	Volt	Amp	Tab
200102	Mini relay normally open	Ripca	4-pins	Yes	No	No	12V	30A	6
2020	Mini relay normally open	Ripca	2x 4-pins	Yes	No	No	2x 12V	2x 30A	6
202552	Mini relay normally open	Ripca	4-pins	Yes	No	No	12V	40A	6
2025C	Mini relay normally open	Ripca	4-pins	No	No	No	12V	40A	6
2025	Mini relay normally open	Nagares	4-pins	No	No	No	12V	40A	6
2026	Mini relay normally open	Nagares	5-pins	No	No	No	12V	40A	6
203126	Mini relay normally open	Ripca	5-pins	Yes	No	No	12V	40A	6
2031	Mini relay normally open	Nagares	5-pins	Yes	No	No	12V	40A	6
2054	Mini relay normally open	Nagares	5-pins	No	No	No	24V	22A	6
2152C	Mini relay normally open	Ripca	4-pins	Yes	No	No	12V	40A	6
2152	Mini relay normally open	Nagares	4-pins	Yes	No	No	12V	40A	6
2383	Mini relay normally open	Ripca	4-pins	Yes	No	No	12V	40A	6
2384	Mini relay normally open	Ripca	4-pins	No	No	No	12V	40A	6
238586	Mini relay normally open	Ripca	4-pins	Yes	No	No	24V	20A	6
2385C	Mini relay normally open	Nagares	4-pins	Yes	No	No	24V	22A	6
2385	Mini relay normally open	Nagares	4-pins	Yes	No	No	24V	22A	6
2386	Mini relay normally open	Nagares	5-pins	No	No	No	24V	22A	6
2387	Mini relay normally open	Nagares	5-pins	Yes	No	No	12V	40A	6
2388	Mini relay normally open	Nagares	5-pins	No	No	No	12V	40A	6
2389	Mini relay normally open	Nagares	5-pins	Yes	No	No	24V	22A	6
2390	Mini relay normally open	Nagares	5-pins	No	No	No	24V	22A	6
2698	Mini relay normally open	Nagares	5-pins	Yes	Yes	No	12V	40A	6
273738	Mini relay normally open	Ripca	4-pins	Yes	Yes	No	12V	40A	6
2737	Mini relay normally open	Nagares	4-pins	Yes	Yes	No	12V	40A	6
2738	Mini relay normally open	Nagares	4-pins	No	Yes	No	12V	40A	6
2739	Mini relay normally open	Nagares	4-pins	Yes	Yes	No	24V	22A	6
2740	Mini relay normally open	Nagares	4-pins	No	Yes	No	24V	22A	6
2741	Mini relay normally open	Nagares	4-pins	Yes	No	Yes	12V	40A	6
2742	Mini relay normally open	Nagares	4-pins	No	No	Yes	12V	40A	6
2743	Mini relay normally open	Nagares	4-pins	Yes	No	Yes	24V	22A	6
2744	Mini relay normally open	Nagares	4-pins	No	No	Yes	24V	22A	6
2746	Mini relay normally open	Nagares	5-pins	No	Yes	No	12V	40A	6
2747	Mini relay normally open	Nagares	5-pins	No	Yes	No	24V	22A	6
2748	Mini relay normally open	Nagares	5-pins	Yes	No	Yes	12V	40A	6
2749	Mini relay normally open	Nagares	5-pins	No	No	Yes	12V	40A	6
2750	Mini relay normally open	Nagares	5-pins	Yes	No	Yes	24V	22A	6
2751	Mini relay normally open	Nagares	5-pins	No	No	Yes	24V	22A	6
2794	Mini relay normally open	Nagares	5-pins	Yes	No	No	12V	2x20A	
2795	Mini relay normally open	Nagares	5-pins	No	No	No	12V	2x20A	
2796	Mini relay normally open	Nagares	5-pins	Yes	No	No	24V	2x10A	
2797	Mini relay normally open	Nagares	5-pins	No	No	No	24V	2x10A	
205853	Mini relay normally open	Ripca	4-pins	Yes	No	No	24V	20A	



Article	Type	Brand	No of pins	Bracket	Resistor	Diode	Volt	Amp	Tab
2362	Starter relay	Nagares	4-pins	Yes	No	No	24V	60A	2x6
2395	Starter relay	Nagares	4-pins	Yes	No	No	12V	50A	2x6
2396	Starter relay	Nagares	4-pins	No	No	No	12V	50A	2x6
2397	Starter relay	Nagares	4-pins	Yes	No	No	24V	30A	2x6
2798	Starter relay	Nagares	4-pins	No	No	No	24V	40A	2x6
2803	Starter relay	Nagares	4-pins	Yes	Yes	No	12V	50A	2x6
2804	Starter relay	Nagares	4-pins	No	Yes	No	12V	50A	2x6
2805	Starter relay	Nagares	4-pins	Yes	Yes	No	24V	30A	2x6
2807	Starter relay	Nagares	4-pins	No	No	Yes	12V	50A	2x6
2809	Starter relay	Nagares	4-pins	No	No	Yes	24V	30A	2x6
2814	Starter relay	Nagares	4-pins	Yes	No	Yes	12V	70A	2x6
2815	Starter relay	Nagares	4-pins	No	No	Yes	12V	70A	2x6
2398	Starter relay	Nagares	4-pins	No	No	No	24V	30A	2x6
24V70AD	Starter relay	Ripca	4-pins	No	No	Yes	24V	70A	2x6
268763	Starter relay	Ripca	4-pins	Yes	No	No	12V	70A	2x6
2687	Starter relay	Nagares	4-pins	Yes	No	No	12V	70A	2x6
2693	Starter relay	Nagares	4-pins	Yes	No	Yes	12V	50A	2x6
2763	Starter relay	Nagares	4-pins	No	No	No	12V	70A	2x6
2792	Starter relay	Nagares	4-pins	Yes	No	No	24V	40A	2x6
2810	Starter relay	Nagares	4-pins	Yes	Yes	No	12V	70A	2x6
2811	Starter relay	Nagares	4-pins	No	Yes	No	12V	70A	2x6
2812	Starter relay	Nagares	4-pins	Yes	Yes	No	24V	40A	2x6
2813	Starter relay	Nagares	4-pins	No	Yes	No	24V	40A	2x6
2817	Starter relay	Nagares	4-pins	No	No	Yes	24V	40A	2x6
7032	Starter relay	Ripca	5-pins	Yes	No	No	12V	60-70A	2X6
7689S	Starter relay	Ripca	5-pins	No	No	Yes	12V	40-70A	2X6
7700S	Starter relay	Ripca	5-pins	No	No	Yes	24V	30-40A	2X6



Starter relays

Suitable for :

Type terminal 1 6.3 mm terminals

Type terminal 2 3-2922PB - 0.5-1.0mm²

Type terminal 3 3-2922/1PB - 1.5-2.5 mm²

Type terminal 4 3-2922/2 - 2.5-6.0mm²

Article	Type	Frame
RELH005B	Starter relay (4pin only)	9.5mm terminals: 3-6564 1.5-2.5mm ²



Temperature controlled unit

Article	Type	Brand	Bracket	Resistor	Diode	Volt	Amp
TCU-12V	Temperature Controlled Unit	Ripca	No	No	No	12V	10A



Article	Type	Brand	Bracket	Resistor	Diode	Volt	Amp	Delay
TR12V/2.5S/OFF	Timer relay	Ripca	Yes	No	No	12V	20A	delay off (switches off after 2 sec)
TR12V15S/OFF	Timer relay	Ripca	Yes	No	No	12V	20A	delay off (switches off after 15 sec)
TR12V15S	Timer relay	Ripca	Yes	No	No	12V	20A	delay on (switches in after 15 sec)
TR12V2.5S	Timer relay	Ripca	Yes	No	No	12V	20A	delay on (switches in after 2.5 sec)
TR12V25S/OFF	Timer relay	Ripca	Yes	No	No	12V	20A	delay off (switches off after 25 sec)
TR12V25S	Timer relay	Ripca	Yes	No	No	12V	20A	delay on (switches in after 25 sec)
TR12V4S/OFF	Timer relay	Ripca	Yes	No	No	12V	20A	delay off (switches off after 4 sec)
TR12V4S	Timer relay	Ripca	Yes	No	No	12V	20A	delay on (switches in after 4 sec)
TR24V15S	Timer relay	Ripca	Yes	No	No	24V	10A	delay on (switches in after 15 sec)
TR24V4S/OFF	Timer relay	Ripca	Yes	No	No	24V	10A	delay off (switches off after 4 sec)
TR24V4S	Timer relay	Ripca	Yes	No	No	24V	10A	delay on (switches in after 4 sec)
TR24V60S	Timer relay	Ripca	Yes	No	No	24V	10A	delay off (switches off after 60 sec)
TR24V15S/OFF	Timer relay	Ripca	Yes	No	No	24V	10A	delay off (switches off after 15 sec)
TR24V60S/OFF	Timer relay	Ripca	Yes	No	No	24V	10A	delay off (switches off after 60 sec)
T40205	Timer relay	Ripca	No	No	No	12V	10A	
T40405	Timer relay	Ripca	No	No	No	24V	10A	





Electronics

Camera systems	13.1
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Cooling unit	13.2
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Camera systems

Article	Type camera	Extra	IP rating	Cable length	Camera monitor	Info
CAM-086	heater	Nightvision 28 LED	IP69	20m	Camera 12V	120 degree viewing angle
CAM-404LH	left hand side	Nightvision 5 LED	water proof	5m	Camera 12V	120 degree viewing angle
CAM-404RH	right hand side	Nightvision 5 LED	water proof	5m	Camera 12V	120 degree viewing angle
CAM-634	strip	Nightvision 4 LED	IP67	20m	Camera 12V	180 degree viewing angle
CAM-635M	automatic shutter colour	Nightvision 12 LED	IP69	20m	Camera 12V	130 degree viewing angle
CAM-638CCD	CCD compact camera	Nightvision low lux	IP67	10m	Camera 12V	180 degree viewing angle
CAM-638OV	compact colour camera	Nightvision low lux	IP67	10m	Camera 12V	180 degree viewing angle
CAM-642	number plate colour camera	Nightvision 4 LED	IP67	20m	Camera 12V	180 degree viewing angle
CAM-KIT1HDM	camera kit	Nightvision 12 LED	IP69	20m	Camera & monitor 12V	incl 7" TFT LCD monitor
CAM-KIT1	camera kit	Nightvision 28 LED	IP69	20m	Camera & monitor 12V	incl 7" TFT LCD monitor
DVR-B8	single camera & display	parking mode support			Camera & monitor 12V-24V	emergency or continuous recording
M-35	dash mount monitor	3.5" touch screen monitor			Monitor 12V-16V	incl adjustable/ removable mounting bracket
MM-43	mirror monitor	4.3" TFT LCD monitor		incl stalk	Monitor 12V	replaces existing mirror, screen hidden until active
MM-70	mirror monitor	7" TFT LCD monitor		incl remote control	Monitor 12V	clips over existing mirror, screen hidden until active





Top-Cool introducing the first plug and play cooling and heating system
No STEK certification needed, Active Water Cooling

The new product-line introduces a multipurpose cooling and heating system for many different applications.

The product solves the hardest cooling problems within a very compact and powerful solution. The system is ideal for mobile applications that requires cooling and/or heating, but also for stationary systems that prefer easy to install environmental systems the new system provides a new alternative. Instead of the conventional CFC's and HFC's of the conventional cooling systems, the new systems doesn't use any harmful fluid or gas, but uses water as cooling liquid.

The system is powered by patented Top-Cool Technology TM and utilizes standard TCT-units of the renowned and trusted PowerPack-series. The cooling heating system can be provided with several different heat Exchange Modules to configure a unique system for each application.

Examples Applications Cooling/heating:

Electronic Cooling, Cabinets, Climate Control, Vending machines, Batterie-cooling, Medical Coolers/Heaters, small work-spaces, Spot-Cooling/Heating, Bevarage, Domestic applications, Maritime, Automotive, etc. etc





Blisters & Assortment

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[illegible]

Non-insulated blister

The first part of the article means that it is a mini-container
 10 stands for the amount of terminals in a container and the last part is the terminal type

Example:

MCS10289 means: 10 times the 3-289 terminal in a mini-container

Article	Type non insulated	Wire range	Material	Barrel type	Lock	Tab size	Contra
MCS10289	Piggy Back		Brass			6.3x0.8mm	
MCS10291	Male	0.5 -1.5mm ²	Brass	O	No	6.3x0.8mm	
MCS10291-1	Male	1.5 -2.5mm ²	Brass	O	No	6.3x0.8mm	
MCS102911/1T	Male	1.5 -2.5mm ²	Tinned Brass	O	Yes	6.3x0.8mm	3-2922/1T
MCS102911/2T	Male	2.5 -6.0mm ²	Tinned Brass	O	Yes	6.3x0.8mm	3-2922/2T
MCS102911T	Male	0.5 -1.5mm ²	Tinned Brass	U	Yes	6.3x0.8mm	3-2922T
MCS10292-1	Female	0.5 -1.5mm ²	Brass	O	No	6.3x0.8mm	30-291/1
MCS10292-2	Female	1.5 -2.5mm ²	Brass	U	No	6.3x0.8mm	30-291
MCS102922/1T	Female	1.5 -2.5mm ²	Tinned Brass	O	Yes	6.3x0.8mm	3-2911/1T
MCS102922/2T	Female	2.5 -6.0mm ²	Tinned	U	Yes	6.3x0.8mm	3-2911/2T
MCS102922T	Female	0.5 -1.5mm ²	Tinned Brass	U	Yes	6.3x0.8mm	3-2911T
MCS102923	Female	0.5 -1.5mm ²	Brass	U	Yes	2.8x0.5mm	3-2924
MCS102924	Male	0.5 -1.5mm ²	Brass	U	Yes	2.8x0.5mm	3-2923
MCS10294T	Male	1.5 -2.5mm ²	Tinned Brass	O	No	Ø4.0mm	
MCS10295T	Female	1.5 -2.5mm ²	Tinned Brass	O	No	Ø4.0mm	



Insulated connectors RKB

Article	Type	Packaging
PR5	Insulated Connectors	Kit
PR19/1 I/L	Insulated Connectors	Kit
PR19	Insulated Connectors	Kit
PR26	Insulated Connectors	Kit
PR27	Insulated Connectors	Kit
RKB001	Insulated Connectors	Kit
RKB009	Insulated Connectors	Kit
RKB010	Insulated Connectors	Kit
RKB018	Insulated Connectors	Kit
RKB026	Insulated Connectors	Kit
RKB037	Insulated Connectors	Kit



Junior power connectors

Article	No of ways	Terminal	Cover	Connector	Seal
MHC20910	2 way	2x 3-8270	20911	20910	2x 10658
MHC20920	3 way	3x 3-8270	20921	20920	3x 10658
MHC20900	2 way	2x 7210	20902	20900	



Autolamps blister

Article	Base type	British standard	Volt	Color	Type bulbs	Lamps per blister
BL12036CB	BAX9S	433CCO	12V	Cobalt blue	Bayonett	1
BL12258PR			12V			1
BL12258			12V			1
BL12311			12V			1
BL12336			12V			1
BL12342PR			12V			1
BL12342			12V			1
BL12396	W2.1x9.5D	501A	12V	Clear	Capless Wedgebase	2
BL12475			12V			1
BL12496LD	BAU15S	581	12V	Clear	Bayonett	2
BL12496	BAU15S	581	12V	Clear	Bayonett	2
BL12498	BA15S	382L	12V	Clear	Bayonett	2
BL12499	BAY15D	380	12V	Clear	Bayonett	2
BL12516	W2X4.6D	286	12V	Clear	Wedgebase	2
BL12594	BAZ15D	566	12V	Clear	Bayonett	2
BL12620			12V			1
BL12814	BA15S	245	12V	Clear	Bayonett	2
BL12821	BA15S	207	12V	Clear	Bayonett	2
BL12844	SV8.5-8	239	12V	Clear	Festoon Bulbs	2
BL12866	SV8.5-8	265	12V	Clear	Bayonett	2
BL12929CB	BA9S	233CO	12V	Cobalt blue	Bayonett	2
BL12929	BA9S	233	12V	Clear	Bayonett	2
BL12961CB	W2.1X9.5D	501CO	12V	Clear	Wedgebase	2
BL12961	W2.1X9.5D	501	12V	Clear	Wedgebase	2
BL12972PR			12V			1
BL13258			24V			1
BL13336			24V			1
BL13342			24V			1
BL13498	BA15S	241	24V	Clear	Bayonett	1
BL13499	BAY15D	384	24V	Clear	Bayonett	1
BL13620			24V			1
BL13814	BA15S	246HD	24V	Clear	Bayonett	1
BL13821	BA15S	149	24V	Clear	Bayonett	2
BL13844	SV8.5-8	242	24V	Clear	Festoon bulbs	2
BL13929	BA9S	249	24V	Clear	Bayonett	2
BL13972			24V			1



Article	Volt	Color	Type bulbs	Extra info
EK12V/H1+50%	12V		H1	Assortment
EK12V/H1	12V		H1	Assortment
EK12V/H4+50%	12V		H4	Assortment
EK12V/H4-CB	12V	Cobalt Blue	H4	Assortment
EK12V/H4BU	12V	Blue	H4	Assortment
EK12V/H4YLW	12V	Yellow	H4	Assortment
EK12V/H4	12V		H4	Assortment
EK12V/H7+50%	12V		H7	Assortment
EK12V/H7-CB	12V	Cobalt Blue	H7	Assortment
EK12V/H7BLUE	12V	Blue	H7	Assortment
EK12V/H7BU	12V	Blue	H7	Assortment
EK12V/H7GRN	12V	Green	H7	Assortment
EK12V/H7RED	12V	Red	H7	Assortment
EK12V/H7YLW	12V	Yellow	H7	Assortment
EK12V/H7	12V		H7	Assortment
EK12V/KVH	12V			Assortment
EK12VH7/H101	12V		H7	Assortment
EK12VH7/H1	12V		H7	Assortment
EK12VH7/HB3	12V		H7	Assortment
EK24V/H4	24V		H4	Assortment
EK24V/H7	24V		H7	Assortment



Bladefuses blister

Contains 1 fuse per container

Article	Type fuse	packaging
MCMAX20	Blade Fuses	Blister
MCMAX30	Blade Fuses	Blister
MCMAX40	Blade Fuses	Blister
MCMAX50	Blade Fuses	Blister
MCMAX60	Blade Fuses	Blister
MCMAX70	Blade Fuses	Blister
MCMAX80	Blade Fuses	Blister
MCMAX100	Blade Fuses	Blister
MCMIN510	Blade Fuses	Blister
MCMIN515	Blade Fuses	Blister
MCMIN520	Blade Fuses	Blister
MCMIN525	Blade Fuses	Blister
MCMIN52	Blade Fuses	Blister
MCMIN530	Blade Fuses	Blister
MCMIN53	Blade Fuses	Blister
MCMIN54	Blade Fuses	Blister
MCMIN55	Blade Fuses	Blister
MCMIN575	Blade Fuses	Blister
MCS4002	Blade Fuses	Blister
MCS4003	Blade Fuses	Blister
MCS4004	Blade Fuses	Blister
MCS4005	Blade Fuses	Blister
MCS4010	Blade Fuses	Blister
MCS4015	Blade Fuses	Blister
MCS4020	Blade Fuses	Blister
MCS4025	Blade Fuses	Blister
MCS4030	Blade Fuses	Blister
MCS4040	Blade Fuses	Blister
MCS4075	Blade Fuses	Blister



Micro blade fuses blister

Complies to JASO and other standards fusing time ISO 8820-9

Article	Amp	Color	Max work V	length	Width	Height
MCMCF5002	2A	Grey	58V	10.9mm	3.8mm	8.7mm
MCMCF5003	3A	Purple	58V	10.9mm	3.8mm	8.7mm
MCMCF5004	4A	Pink	58V	10.9mm	3.8mm	8.7mm
MCMCF5005	5A	Tan	58V	10.9mm	3.8mm	8.7mm
MCMCF5010	10A	Red	58V	10.9mm	3.8mm	8.7mm
MCMCF5015	15A	Blue	58V	10.9mm	3.8mm	8.7mm
MCMCF5020	20A	Yellow	58V	10.9mm	3.8mm	8.7mm
MCMCF5025	25A	Natural	58V	10.9mm	3.8mm	8.7mm
MCMCF5030	30A	Green	58V	10.9mm	3.8mm	8.7mm
MCMCF5075	7.5A	Brown	58V	10.9mm	3.8mm	8.7mm
MCMIN510	10A	Red	32V	11.1mm	3.9mm	16.1mm
MCMIN515	15A	Blue	32V	11.1mm	3.9mm	16.1mm
MCMIN520	20A	Yellow	32V	11.1mm	3.9mm	16.1mm
MCMIN525	25A	Natural	32V	11.1mm	3.9mm	16.1mm
MCMIN52	2A	Grey	32V	11.1mm	3.9mm	16.1mm
MCMIN530	30A	Green	32V	11.1mm	3.9mm	16.1mm
MCMIN53	3A	Violet	32V	11.1mm	3.9mm	16.1mm
MCMIN54	4A	Pink	32V	11.1mm	3.9mm	16.1mm
MCMIN55	5A	Tan	32V	11.1mm	3.9mm	16.1mm
MCMIN575	7.5A	Brown	32V	11.1mm	3.9mm	16.1mm
MCS4002	2A	Grey	32V	19.2mm	5.2mm	19.2mm
MCS4003	3A	Violet	32V	19.2mm	5.2mm	19.2mm
MCS4004	4A	Pink	32V	19.2mm	5.2mm	19.2mm
MCS4005	5A	Tan	32V	19.2mm	5.2mm	19.2mm
MCS4010	10A	Red	32V	19.2mm	5.2mm	19.2mm
MCS4015	15A	Blue	32V	19.2mm	5.2mm	19.2mm
MCS4020	20A	Yellow	32V	19.2mm	5.2mm	19.2mm
MCS4025	25A	Natural	32V	19.2mm	5.2mm	19.2mm
MCS4030	30A	Green	32V	19.2mm	5.2mm	19.2mm
MCS4040	40A	Orange	32V	19.2mm	5.2mm	19.2mm
MCS4075	7.5A	Brown	32V	19.2mm	5.2mm	19.2mm



Slow blow block fuse blister

Complies to JASO D612 and other standards

Article	Amp	Volt	Color	type	length	Width	Height
MCSFB30	30A	32V	Pink	C	62.0mm	12.0mm	21.5mm
MCSFB40	40A	32V	Green	C	62.0mm	12.0mm	21.5mm
MCSFB50	50A	32V	Red	C	62.0mm	12.0mm	21.5mm
MCSFB60	60A	32V	Yellow	C	62.0mm	12.0mm	21.5mm
MCSFB70	70A	32V	Brown	C	62.0mm	12.0mm	21.5mm
MCSFB80	80A	32V	Black	C	62.0mm	12.0mm	21.5mm
MCSFB100	100A	32V	Blue	C	62.0mm	12.0mm	21.5mm
MCSFB120	120A	32V	White	C	62.0mm	12.0mm	21.5mm
MCSFF20	20A	58V	Blue	AS	22.2mm	15.0mm	30.0mm
MCSFF30	30A	58V	Pink	AS	22.2mm	15.0mm	30.0mm
MCSFF40	40A	58V	Green	AS	22.2mm	15.0mm	30.0mm
MCSFF50	50A	58V	Red	AS	22.2mm	15.0mm	30.0mm
MCSFF60	60A	58V	Yellow	AS	22.2mm	15.0mm	30.0mm
MCSFM100	100A	58V	Blue	B/BT	22.2mm	15.2mm	45.0mm
MCSFM120	120A	58V	Grey	B/BT	22.2mm	15.2mm	45.0mm
MCSFM30	30A	58V	Pink	B/BT	22.2mm	15.2mm	45.0mm
MCSFM40	40A	58V	Green	B/BT	22.2mm	15.2mm	45.0mm
MCSFM50	50A	58V	Red	B/BT	22.2mm	15.2mm	45.0mm
MCSFM60	60A	58V	Yellow	B/BT	22.2mm	15.2mm	45.0mm
MCSFM70	70A	58V	Brown	B/BT	22.2mm	15.2mm	45.0mm
MCSFM80	80A	58V	Black	B/BT	22.2mm	15.2mm	45.0mm



Slow blow block fuse blister

Complies to JASO D612 and other standards

Article	Amp	Volt	Color	Type	Length	Width	Height
MCSJC20	20A	58V	Light Blue	J/JT	14.1mm	12.0mm	27.2mm
MCSJC30	30A	58V	Pink	J/JT	14.1mm	12.0mm	27.2mm
MCSJC40	40A	58V	Green	J/JT	14.1mm	12.0mm	27.2mm
MCSJC50	50A	58V	Red	J/JT	14.1mm	12.0mm	27.2mm
MCSJC60	60A	58V	Yellow	J/JT	14.1mm	12.0mm	27.2mm
MCSPAL525	25A	32V	Light Brown	D	21.4mm	13.0mm	31.0mm
MCSPAL530	30A	32V	Light Green	D	21.4mm	13.0mm	31.0mm
MCSPAL545	45A	32V	Red	E	28.5mm	13.8mm	37.0mm
MCSPAL565	65A	32V	Black	E	28.5mm	13.8mm	37.0mm
MCSPAL575	75A	32V	Grey	E	28.5mm	13.8mm	37.0mm
MCSPAL100	100A	58V	Blue	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL120	120A	58V	Wht	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL150	150A						
MCSPAL830	30A	32V	Pink	F	21.4mm	16.9mm	31.0mm
MCSPAL840	40A	32V	Grey	F	21.4mm	16.9mm	31.0mm
MCSPAL3030	30A	58V	Pink	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3040	40A	58V	Green	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3050	50A	58V	Red	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3060	60A	58V	Yellow	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3070	70A	58V	Brown	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3080	80A	58V	Black	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3100	100A	58V	Blue	CS/CT	48.0mm	12.0mm	21.5mm
MCSPAL3120	120A	58V	White	CS/CT	48.0mm	12.0mm	21.5mm



Glass fuses

Article	Type fuse	packaging
MCS278TP	glass / continental fuses	Blister
MCS279TP	glass / continental fuses	Blister
MCS280TP	glass / continental fuses	Blister
MCS281TP	glass / continental fuses	Blister
RKB011	Glass Fuses	RKB



Glow ato blade fuse blister

Complies with SAE J1284 and general standards. Build-in LED lights-up after the fusing element has interrupted

Article	Amp	Max work Volt	Length	Width	Height
MCSGLF3	3A	32V	10.9mm	4.0mm	17.0mm
MCSGLF5	5A	32V	10.9mm	4.0mm	17.0mm
MCSGLF7.5	7.5A	32V	10.9mm	4.0mm	17.0mm
MCSGLF10	10A	32V	10.9mm	4.0mm	17.0mm
MCSGLF15	15A	32V	10.9mm	4.0mm	17.0mm
MCSGLF20	20A	32V	10.9mm	4.0mm	17.0mm
MCSGLF25	25A	32V	10.9mm	4.0mm	17.0mm
MCSGLF30	30A	32V	10.9mm	4.0mm	17.0mm
MCSGLF40	40A	32V	10.9mm	4.0mm	17.0mm



Glow fuses blister

Contains 5 fuses per container

Article	Type fuse
MCSGLF3	Glow Fuses
MCSGLF5	Glow Fuses
MCSGLF7.5	Glow Fuses
MCSGLF10	Glow Fuses
MCSGLF15	Glow Fuses
MCSGLF20	Glow Fuses
MCSGLF25	Glow Fuses
MCSGLF30	Glow Fuses
MCSGLF40	Glow Fuses



Micro blade fuses blister

Article	Type fuse	packaging
MCMCF5002	Micro Blade Fuses	Blister
MCMCF5003	Micro Blade Fuses	Blister
MCMCF5004	Micro Blade Fuses	Blister
MCMCF5005	Micro Blade Fuses	Blister
MCMCF5010	Micro Blade Fuses	Blister
MCMCF5015	Micro Blade Fuses	Blister
MCMCF5020	Micro Blade Fuses	Blister
MCMCF5025	Micro Blade Fuses	Blister
MCMCF5030	Micro Blade Fuses	Blister
MCMCF5075	Micro Blade Fuses	Blister



Pal low profile blister

Article	Type fuse	Packaging
MCSBJ20	Pal low profile	Blister
MCSBJ30	Pal low profile	Blister
MCSBJ40	Pal low profile	Blister
MCSBJ50	Pal low profile	Blister
MCSBJ60	Pal low profile	Blister
MCSJC20	Pal low profile	Blister
MCSJC30	Pal low profile	Blister
MCSJC40	Pal low profile	Blister
MCSJC50	Pal low profile	Blister
MCSJC60	Pal low profile	Blister



RKB fuses (assortment kit)

Article	Type fuse	Packaging
RKB002	Maxi Blade Fuses	Kit
RKB003	Slow-Blow Block Fuses	Kit
RKB004	mini Blade Fuses	Kit
RKB005	Standard Blade Fuses	Kit
RKB011	Glass Fuses	Kit
RKB032	midi fuses	Kit
RKB033	mega fuses	Kit
RKB034	Micro Blade Fuses	Kit



Switches & warninglights blister

Article	Type	Volt	Switch position	Color	Accordinging req
MCSDS003	Door Switches & Covers				Round hole fitting door switch 10A
MCSDS004	Door Switches & Covers				Round hole fitting door/alarm switch with extended arm suitable for cutting to length
MCSE101NG	Indicator light	12V		Green	hole size Ø 12.0mm
MCSE101NR	Indicator light	12V		Red	hole size Ø 12.0mm
MCSE101NT	Indicator light	12V		Amber	hole size Ø 12.0mm
MCSE101NU	Indicator light	12V		Blue	hole size Ø 12.0mm
MCSE120N/4	Push/Pull Switches			4 lenses : Red / Blue / Green / Amber .	Screw connection without bulb
MCSE131N	Rocker Switch	12V/16A	On-Off		
MCSE132NG	Rocker Switch	12V/16A	On-Off	Green	
MCSE132NR	Rocker Switch	12V/16A	On-Off	Red	
MCSE132NU	Rocker Switch	12V/16A	On-Off	Amber	
MCSE152NR	Rocker Switch	12V/16A	On-Off	Blue	
MCSE35NG	Toggle Switches	12V	On-Off	Green	
MCSE35NR	Toggle Switches	12V	On-Off	Red	
MCSE35NT	Toggle Switches	12V	On-Off	Amber	
MCSE35NU	Toggle Switches	12V	On-Off	Blue	
MCSE471T	Rocker Switch	12V/16A	On-Off	Led amber	



Switches & warningslights blister

Article	Type	Volt	Switchposition	Color	According req
MCSE473G	Rocker Switch	12V/16A	On-Off	Led green	
MCSE474R	Rocker Switch	12V/16A	On-Off	Led red	
MCSE872	Toggle Switches	12V	On-Off		
MCSE88N	Rocker Switch	12V/16A	On-Off		
MCSE891	Toggle Switches	12V	On-Off		
MCSE893	Toggle Switches	12V	On-Off-On		
MCSE894	Toggle Switches	12V	On-Off		
MCSE895	Toggle Switches	12V	On-Off		
MCSE89NG	Rocker Switch	12V/16A	On-Off	Green	
MCSE89NR	Rocker Switch	12V/16A	On-Off	Red	
MCSE89NT	Rocker Switch	12V/16A	On-Off	Amber	
MCSE89NU	Rocker Switch	12V/16A	On-Off	Blue	
MCSE91N	Toggle Switches	12V	On-Off		fits 12.5mm round hole
MCSE97N	Toggle Switches	12V	Flash-Off		fits 12.5mm round hole
MCSLED001R	Indicator light	12V		Red	hole size Ø 8.0mm
MCSLED002R	Indicator light	12V		Red	hole size Ø 8.0mm
MCSLED003R	Indicator light	12V		Red	hole size Ø 8.0mm



Article	Color	Length	Diameter	Nominal conductor	Max conductor	Outer cable	Isolation
MHC16B	Blue	5.0 m	1.5mm ²	30 x 0.25mm ²	12.7 Ohm/km	Ø 2.20 -2.30mm	0.24mm
MHC16G	Green	5.0 m	1.5mm ²	30 x 0.25mm ²	12.7 Ohm/km	Ø 2.20 -2.30mm	0.24mm
MHC16R	Red	5.0 m	1.5mm ²	30 x 0.25mm ²	12.7 Ohm/km	Ø 2.20 -2.30mm	0.24mm
MHC16U	Blue	5.0 m	1.5mm ²	30 x 0.25mm ²	12.7 Ohm/km	Ø 2.20 -2.30mm	0.24mm
MHC16Y	Yellow	5.0 m	1.5mm ²	30 x 0.25mm ²	12.7 Ohm/km	Ø 2.20 -2.30mm	0.24mm
MHC17B	Black	5.0 m	2.5mm ²	50 X 0.25mm ²	7.6 Ohm/km	Ø 2.75 -2.85mm	0.28mm
MHC17G	Green	5.0 m	2.5mm ²	50 X 0.25mm ²	7.6 Ohm/km	Ø 2.75 -2.85mm	0.28mm
MHC17R	Red	5.0 m	2.5mm ²	50 X 0.25mm ²	7.6 Ohm/km	Ø 2.75 -2.85mm	0.28mm
MHC17U	Blue	5.0 m	2.5mm ²	50 X 0.25mm ²	7.6 Ohm/km	Ø 2.75 -2.85mm	0.28mm
MHC17Y	Yellow	5.0 m	2.5mm ²	50 X 0.25mm ²	7.6 Ohm/km	Ø 2.75 -2.85mm	0.28mm
MHC19B	Black	5.0 m	6.0mm ²	84 X 0.30mm ²	3.22 Ohm/km	Ø 3.95 -4.15mm	0.32mm
MHC19R	Red	5.0 m	6.0mm ²	84 X 0.30mm ²	3.22 Ohm/km	Ø 3.95 -4.15mm	0.32mm
MHC20	Red /Black	5.0 m		21 x 0.20mm ²	26.0 Ohm / km	Ø 2.2x4.6mm	
MHC21B	Black	3.0 m	10.0mm ²	76 x 0.4mm ²	1.83 Ohm/km	Ø 6.75 -7.05mm	0.24mm
MHC21R	Red	3.0 m	10.0mm ²	76 x 0.4mm ²	1.83 Ohm/km	Ø 6.75 -7.05mm	0.24mm
MHC7B	Black	3.0 m	4.0mm ²	56 X 0.30mm ²	4.7 Ohm/km	Ø 3.35 -3.55mm	0.32mm
MHC7R	Red	3.0 m	4.0mm ²	56 X 0.30mm ²	4.7 Ohm/km	Ø 3.35 -3.55mm	0.32mm



Article	Male or female	No of ways	Cable entry superseals	Sealcolor	Color
MHC23610	Female	1 way	1.0-2.5mm ²	Yellow	Black
MHC23620	Male	1 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow
MHC23630	Female	2 way	1.0-2.5mm ²	Yellow	Black
MHC23640	Male	2 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow
MHC23650	Female	3 way	1.0-2.5mm ²	Yellow	Black
MHC23660	Male	3 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow
MHC23670	Female	4 way	1.0-2.5mm ²	Yellow	Black
MHC23680	Male	4 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow
MHC23690	Female	5 way	1.0-2.5mm ²	Yellow	Black
MHC23700	Male	5 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow
MHC23710	Female	6 way	1.0-2.5mm ²	Yellow	Black
MHC23720	Female	6 way	1.0-1.5mm ²	Yellow	Black/Red/Yellow



Grommets and plugs

Article	Type grommets	Packaging
MCS312	Grommets/Blanking Plugs	Blister
MCS314	Grommets/Blanking Plugs	Blister
MHC315	Grommets/Blanking Plugs	Blister
MCS316	Grommets/Blanking Plugs	Blister
NO.6	Grommets	Kit
NO.22	Blanking Plugs	Kit
NO.24	Cable Clamps	Kit



Rockerswitch blister

Article	Type	Volt	Switch position	Color
MCSE132NU	Rocker Switch	12V/16A	On-Off	Blue
MCSE152NR	Rocker Switch			
MCSE471T	Rocker Switch	12V/16A	On-Off	Led amber
MCSE473G	Rocker Switch	12V/16A	On-Off	Led green
MCSE474R	Rocker Switch	12V/16A	On-Off	Led red
MCSE89NG	Rocker Switch	12V/16A	On-Off	Green
MCSE89NR	Rocker Switch	12V/16A	On-Off	Red
MCSE89NT	Rocker Switch	12V/16A	On-Off	Amber
MCSE89NU	Rocker Switch	12V/16A	On-Off	Blue

MCSE151N



Tapes mhc

Article	Type tape	Color	Width	Length	Thick	Temp range	Adh.
MAP119 1	PVC	Blue/Red/Black	15.0mm	10m	0.19 mm	-40/-125C	Yes
MHCCT514 1	Polyester	Black	19.0mm	25m	0.17 mm		Yes
MHCCT531 1	Polyester	Black	19.0mm	25m	0.30 mm	-40°/+150°C	Yes
MHCMPIBT1 1	Rubber	Black	25.0mm	10m	0.50 mm		No
MHCMPIBT3 1	Rubber	Black	19.0mm	5m	0.50 mm		No
MHCMPTA9B 1	PVC	Black	19.0mm	20m	0.19 mm		Yes
MHCMPTA9R 1	PVC	Red	15.0mm	20m	0.19 mm	+ 90°	Yes
MHCTT407 1	Teflon	Black	12.0mm	12m	0.01 mm	-200°/ +260°C	No



Battery terminal mhc

Article	Pol terminal	Cross sec terminal	Materials	Extra info
MHCB122N	-	50.0-70.0mm²	Brass	Angle screw connection
MHCB122P	-	50.0-70.0mm²	Brass	Angle screw connection
MHCB156N	-	16.0-35.0mm²	Tin Plated	Negative pole Ø 12.5mm Japan angle screw connection
MHCB156P	+	16.0-35.0mm²	Tin Plated	Positive pole Ø 14.0mm Japan angle screw connection
MHCB163N	-		Brass	Ford
MHCB163P	+		Brass	Ford



Switch panel blister

Article	Type	Number switch	Extra info	Packaging
MCSEM11	Switch Panel	1	Round hole modular plastic panel	Blister
MCSEM21	Switch Panel	1	Slotted modular plastic panel	Blister

Push button blister

Article	Volt	Type push	Color	Amp
MCSE118ST	24V	Push/Pull Switches		12.5A
MCSE131N	12V	Rocker Switch		16A
MCSE132NG	12V	Rocker Switch	Green	16A
MCSE132NR	12V	Rocker Switch	Red	16A
MHCPBS002	12V	Push Button Switches		10A



Heatshrinkable sleeving

Article	Type	Packaging
HSS-KIT2 1	Heatshrinkable Sleeving	Kit
RKB029 1	Heatshrinkable Sleeving	Kit



Relays blister

12V , 6 tabs.
No resistor and no diode

Article	Brand	No of pins	Bracket	Amperage
MHC2025	Nagares	4-pins	No	40A
MHC2031	Nagares	5-pins	Yes	40A
MHC2032	Ripca	5-pins	Yes	30-40A
MHC2152	Nagares	4-pins	Yes	40A



Cableclips blister

Article	Type
MAP318	Adhesive cable clips
MAP319	Adhesive cable clips



Thermoplastic blister

Thermoplastic
12V , 7 pins

Article	Type	Extra info
MAP750	Socket	
MAP751	Plug	Hygrade thermoplastic Nut cap with grommet Cable holder & stopper



Cableties

Standard type white cableties

Working temp -40°C to +85°C. Tightening -10°C to +60°C

Humidity 2.5% (50% relative humidity)

Article	Length	Width	Strength	Max bundle
MAP701	98mm	2.5mm	8 kgs	Ø 21mm
MAP702	200mm	4.8mm	22 kgs	Ø 50mm
MAP703	290mm	4.8mm	23 kgs	Ø 79mm

NCS-STAND

