

CHAPTER 02

Power distribution, fusing & relays

MTA · PIP PETERS INDU-PRODUKT



IN THIS CHAPTER

- Blade fuses — MINIVAL to MAXIVAL
- MIDIVAL & MEGAVAL bolt-down
- Fuse holders, all series
- Power distribution units
- Relay holders & combination boxes
- Busbars & power posts
- Battery terminals & clamps
- PIP over-moulded assemblies

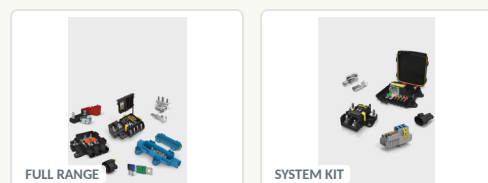
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MTA circuit protection & power distribution

MADE IN ITALY — BLADE FUSES 1 A TO 500 A · SEALED DISTRIBUTION UNITS · MODULAR FUSE AND RELAY BOARDS · 12 V / 24 V / 48 V

THE COMPLETE DC PROTECTION RANGE

Selecting an MTA fuse family



MTA sits on the international fuse standards committee and builds every element, holder and housing in its own Italian plants. One family runs from the 2 A instrument circuit to the 500 A battery main, using a single colour convention so a rating can be read at a glance in a dark engine space.

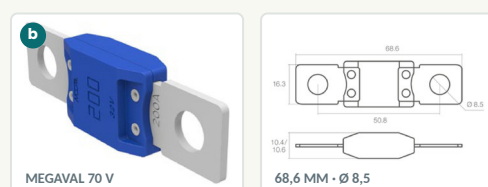
Choose the family by **current** and by **how the element is held**: push-in blades for panel work, bolt-down blades and studded strip fuses where vibration and cable mass demand a mechanical joint.

Family	Format	Rating range	Colours	Typical circuit on board
MINIVAL	Mini blade, push-in	2 – 30 A	10	Instrument, lighting and small pump branches
MINI LOW PROFILE	Low profile mini blade, push-in	2 – 30 A	10	Shallow helm and electronics panels
UNIVAL	Standard blade, push-in	1 – 40 A	12	General distribution boards and fuse strips
MAXIVAL	Maxi blade, push-in	20 – 100 A	8	Windlass, thruster and heavy accessory feeds
MAXICOMPACT	Bolt-down blade	20 – 60 A	7	Sub-feeds inside distribution boxes
M8COMPACT	Bolt-down blade, M8	30 – 100 A	8	Heavy branch feeds and equipment supplies
MIDIVAL	Bolted strip fuse, M5 studs	30 – 200 A	11	Battery feed to auxiliary and domestic panels
MEGACOMPACT	Compact high current, M8	80 – 300 A	10	Main feeds where housing depth is limited
MEGAVAL	Main battery fuse, M8 centres	100 – 500 A	10	Battery bank and inverter main protection
MEGAVAL 70 V	Main fuse for 48 V systems	100 – 500 A	10	48 V banks, hybrid and lithium installations
POWerval	Calibrated main fuse	CAL.1 – CAL.5	5	Calibrated protection at the battery post
JAPVAL	PAL-pattern cartridge and bolt-in	15 – 100 A	9	Equipment of Japanese origin, gensets, outboard rigging
STRIP FUSE	Bolt-in strip element, 41 × 11 mm	30 – 100 A	—	Legacy strip fuse blocks and refit work
CONTINENTAL	Ceramic torpedo, clip held	5 – 25 A	4	DIN 72581 and FIAT 9.91806 legacy fuse blocks

Every family is listed on the following pages with all ratings, colours and order references in blister, box and bulk packing. Holders, boxes and distribution units for each format follow in the holder and module sections of this chapter.

FOR 48 V SYSTEMS · 70 V RATED · 100 – 500 A

MEGAVAL® 70 V



Identical envelope to the standard MEGAVAL — 68,6 mm over the tags, 50,8 mm centres, Ø 8,5 mm holes, tag thickness 10,4 / 10,6 mm — but the element and arc-quenching are rated to 70 V, which is what a 48 V lithium or hybrid bank requires.

Tin plated copper throughout, bulk packing only, MOQ 350.

	Rating	Description	Colour	P/N bulk	MOQ
b	100 A	MEGAVAL CU 70V	Yellow	0730100	350
	125 A	MEGAVAL CU 70V	Green	0730125	350
	150 A	MEGAVAL CU 70V	Orange	0730150	350
	175 A	MEGAVAL CU 70V	White	0730175	350
	200 A	MEGAVAL CU 70V	Blue	0730200	350
	225 A	MEGAVAL CU 70V	Light brown	0730225	350
	250 A	MEGAVAL CU 70V	Pink	0730250	350
	300 A	MEGAVAL CU 70V	Grey	0730300	350
	400 A	MEGAVAL CU 70V	Violet	0730400	350
	500 A	MEGAVAL CU 70V	Brown	0730500	350

Do not substitute a 32 V rated MEGAVAL in a 48 V system. Only the 70 V rated element will interrupt a fault at that bank voltage.

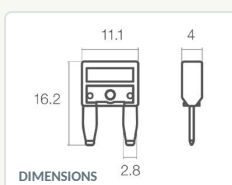
Custom Marine holds the fast-moving MTA references in Dubai and builds distribution units to your circuit schedule — 800BOATS.

MTA circuit protection & power distribution

MADE IN ITALY — BLADE FUSES 1 A TO 500 A · SEALED DISTRIBUTION UNITS · MODULAR FUSE AND RELAY BOARDS · 12 V / 24 V / 48 V

MINI BLADE · 11,1 × 16,2 MM · TIN PLATED ZINC ALLOY

MINIVAL®



The mini blade is the workhorse of a craft's low-current distribution: navigation lights, instruments, shower and bilge pumps, USB and charging outlets. Tin plated zinc alloy element in a colour-coded body.

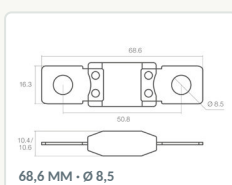
11,1 × 16,2 mm body, blade pitch **2,8 mm**, blade thickness **4 mm**. Blister of 25 pcs, MOQ 500; box MOQ 200; bulk MOQ 5000.

	Rating	Body colour	P/N blister	P/N box	P/N bulk
a	2 A	Grey	0600090	0700090	0705090
	3 A	Violet	0600100	0700100	0705100
	4 A	Pink	0600101	0700101	0705101
	5 A	Light brown	0600110	0700110	0705110
	7,5 A	Brown	0600120	0700120	0705120
	10 A	Red	0600130	0700130	0705130
	15 A	Blue	0600140	0700140	0705140
	20 A	Yellow	0600150	0700150	0705150
	25 A	Natural	0600160	0700160	0705160
	30 A	Green	0600170	0700170	0705170

All ten ratings share the same blade material and coating: tin plated zinc alloy.

MAIN BATTERY FUSE · 68,6 MM · Ø 8,5 · 100 – 500 A

MEGAVAL®



The battery main. Overall **68,6 mm** across the tags with **50,8 mm** hole centres and **Ø 8,5 mm** holes for M8 studs; body height **16,3 mm**, tag thickness **10,4 / 10,6 mm**. This is the fuse that protects the bank, the inverter feed and the main positive run.

Zinc alloy to 250 A; the copper element takes the same body to **500 A**. Blister of 1, inner box MOQ 20; bulk MOQ 700, or 350 for MEGAVAL CU 100 – 250 A.

	Rating	Description	Colour	Blade material	P/N blister	P/N bulk
a	100 A	MEGAVAL	Yellow	Tin plated zinc alloy	0601100	0701100
	125 A	MEGAVAL	Green	Tin plated zinc alloy	0601125	0701125
	150 A	MEGAVAL	Orange	Tin plated zinc alloy	0601150	0701150
	175 A	MEGAVAL	White	Tin plated zinc alloy	0601175	0701175
	200 A	MEGAVAL	Blue	Tin plated zinc alloy	0601200	0701200
	250 A	MEGAVAL	Pink	Tin plated zinc alloy	0601250	0701250
	100 A	MEGAVAL CU	Yellow	Tin plated copper	—	0711100
	125 A	MEGAVAL CU	Green	Tin plated copper	—	0711125
	150 A	MEGAVAL CU	Orange	Tin plated copper	—	0711150
	175 A	MEGAVAL CU	White	Tin plated copper	—	0711175
	200 A	MEGAVAL CU	Blue	Tin plated copper	—	0711200
	225 A	MEGAVAL CU	Light brown	Tin plated copper	—	0711225
	250 A	MEGAVAL CU	Pink	Tin plated copper	—	0711250
	300 A	MEGAVAL CU	Grey	Tin plated copper	0601300	0701300
	400 A	MEGAVAL CU	Violet	Tin plated copper	0601401	0701401
	500 A	MEGAVAL CU	Brown	Tin plated copper	0601600	0701600

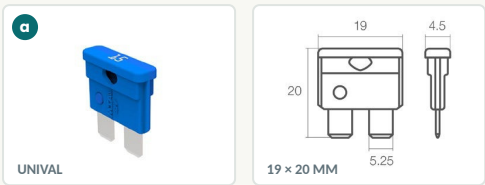
225 A, 400 A and 500 A exist in the copper element only.

MEGA terminals for the M8 studs are listed in the terminals section; waterproof and gangable MEGAVAL holders follow in the holder section.

UNIVAL® standard blade & low profile mini

MTA — THE PUSH-IN BLADE FORMATS THAT FILL EVERY DISTRIBUTION PANEL ON BOARD

STANDARD BLADE · 19 × 20 MM · ZINC ALLOY ELEMENT
UNIVAL®



The standard ATO-pattern blade, the format used by nearly every fuse strip, panel holder and distribution board in the trade. Zinc alloy element, colour-coded body, **19 mm** wide, **20 mm** tall, blade pitch **5,25 mm**, blade thickness **4,5 mm**.

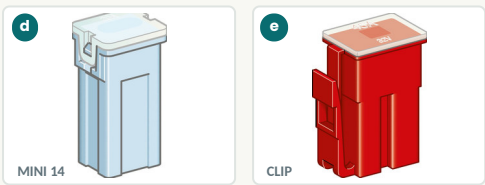
Twelve ratings from **1 A to 40 A**. Box of 100; inner box 1200 pcs, MOQ 2000 bulk and 6000 in the large bulk pack.

	Rating	Body colour	P/N box 100	P/N bulk 2000	P/N bulk 6000
a	1 A	Black	0600380	0700380	—
	2 A	Grey	0600390	0700390	—
	3 A	Violet	0600400	0700300	0710300
	4 A	Pink	0600401	0700301	—
	5 A	Light brown	0600410	0700310	0710310
	7,5 A	Brown	0600420	0700320	0710320
	10 A	Red	0600430	0700330	0710330
	15 A	Blue	0600440	0700340	0710340
	20 A	Yellow	0600450	0700350	0710350
	25 A	Natural	0600460	0700360	0710360
	30 A	Green	0600470	0700370	0710370
	40 A	Orange	0600375	0700375	0710375

1 A, 2 A and 4 A are supplied in box and 2000-piece bulk packing only.

UNIVAL is the element for the 16-way UNIVAL fuse box, the 4/6/8-way lateral and axial exit strips, the panel snap-in holder and the UNIVAL PCB holder shown later in this chapter.

PAL-PATTERN CARTRIDGE · MINI 14 & CLIP
JAPVAL® mini



MINI FEMALE 14 is the intermediate body, eight ratings to 80 A. The **CLIP** version is retained by a spring clip rather than by the blade friction and is used in the heavier junction boxes at 45, 65 and 75 A.

	Rating	Description	Colour	P/N blister	MOQ
d	20 A	MINI FEMALE 14	Azure	0474020	20
	30 A	MINI FEMALE 14	Pink	0474030	20
	40 A	MINI FEMALE 14	Green	0474040	20
	50 A	MINI FEMALE 14	Red	0474050	20
	60 A	MINI FEMALE 14	Yellow	0474060	20
	70 A	MINI FEMALE 14	Brown	0474070	20
	80 A	MINI FEMALE 14	Black	0474080	20
	45 A	CLIP	Red	0477045	20
e	65 A	CLIP	Black	0477065	20
	75 A	CLIP	Grey	0477075	20

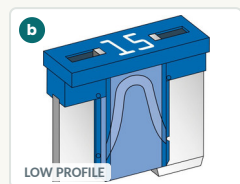
Fuse, holder, terminal and seal are specified together at Custom Marine so the assembly is right first time — 800BOATS.

UNIVAL[®] standard blade & low profile mini

MTA — THE PUSH-IN BLADE FORMATS THAT FILL EVERY DISTRIBUTION PANEL ON BOARD

LOW PROFILE MINI BLADE · 2 – 30 A

MINI LOW PROFILE



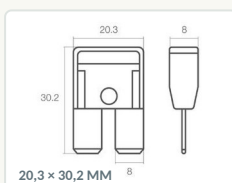
The same mini blade footprint with the body height cut back to the blade shoulder — the format specified where a helm panel or electronics tray leaves no depth behind the fascia. Ten ratings on the standard mini colour code, box of 200.

	Rating	Description	Body colour	P/N box	MOQ
b	2 A	MINI LOW PROFILE	Grey	0700210	200
	3 A	MINI LOW PROFILE	Violet	0700220	200
	4 A	MINI LOW PROFILE	Pink	0700230	200
	5 A	MINI LOW PROFILE	Light brown	0700240	200
	7,5 A	MINI LOW PROFILE	Brown	0700250	200
	10 A	MINI LOW PROFILE	Red	0700260	200
	15 A	MINI LOW PROFILE	Blue	0700270	200
	20 A	MINI LOW PROFILE	Yellow	0700280	200
	25 A	MINI LOW PROFILE	Natural	0700290	200
	30 A	MINI LOW PROFILE	Green	0700302	200

The low profile body will seat in a standard mini holder, but a standard mini blade will not seat correctly in a low profile cavity. Specify the format when ordering spares for an existing board.

M8 BOLT-DOWN BLADE · 20,3 × 30,2 MM · 30 – 100 A

M8COMPACT[®]



The heavy bolt-down blade: **8 mm** blade pitch on an **M8** footprint, body **20,3 × 30,2 mm**, blade thickness **8 mm**. Used where the fuse must be part of a bolted busbar assembly.

Zinc alloy element box MOQ 150, bulk MOQ 1000. The silver plated copper element extends the range to **100 A** and is supplied bulk only, MOQ 700.

	Rating	Description	Colour	Blade material	P/N box	P/N bulk
a	30 A	M8COMPACT	Light green	Tin plated zinc alloy	0610030	0710030
	35 A	M8COMPACT	Dark green	Tin plated zinc alloy	0610035	0710035
	40 A	M8COMPACT	Orange	Tin plated zinc alloy	0610040	0710040
	50 A	M8COMPACT	Red	Tin plated zinc alloy	0610050	0710050
	60 A	M8COMPACT	Blue	Tin plated zinc alloy	0610060	0710060
	70 A	M8COMPACT	Brown	Tin plated zinc alloy	0610070	0710070
	80 A	M8COMPACT	Black	Tin plated zinc alloy	0610080	0710080
	30 A	M8COMPACT CU	Light green	Silver plated copper	—	0710130
	40 A	M8COMPACT CU	Orange	Silver plated copper	—	0710140
	50 A	M8COMPACT CU	Red	Silver plated copper	—	0710150
	60 A	M8COMPACT CU	Blue	Silver plated copper	—	0710160
	70 A	M8COMPACT CU	Brown	Silver plated copper	—	0710170
	80 A	M8COMPACT CU	Black	Silver plated copper	—	0710180
	100 A	M8COMPACT CU	Violet	Silver plated copper	—	0710100

The 35 A rating is offered in the zinc alloy element only; the 100 A rating in copper only.

Torque the M8 fixings to the housing manufacturer's figure and re-check after the first heat cycle.

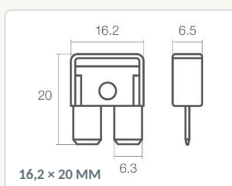
Ask Custom Marine for a wiring take-off measured against your general arrangement — 800BOATS · 800YACHTS.

Bolt-down blade fuses — MAXICOMPACT®

MTA — BLADE ELEMENTS ON A MECHANICAL JOINT, FOR VIBRATION AND HEAVY CABLE MASS

BOLT-DOWN BLADE · 16,2 × 20 MM · 20 – 60 A

MAXICOMPACT®



A blade element on a short bolt-down leg: it keeps the blade fuse's instant visual check while giving the joint the mechanical security a moving hull needs. Body **16,2 × 20 mm**, blade pitch **6,3 mm**, blade thickness **6,5 mm**.

The standard element is **tin plated zinc alloy**, box MOQ 100 and bulk MOQ 2000. The **CU** version replaces it with **silver plated copper** for a lower voltage drop and better resistance to repeated thermal cycling; bulk only, MOQ 1700.

	Rating	Description	Colour	Blade material	P/N box	P/N bulk
a	20 A	MAXICOMPACT	Yellow	Tin plated zinc alloy	0602920	0702920
	25 A	MAXICOMPACT	White	Tin plated zinc alloy	0602925	0702925
	30 A	MAXICOMPACT	Light green	Tin plated zinc alloy	0602930	0702930
	35 A	MAXICOMPACT	Dark green	Tin plated zinc alloy	0602935	0702935
	40 A	MAXICOMPACT	Orange	Tin plated zinc alloy	0602940	0702940
	50 A	MAXICOMPACT	Red	Tin plated zinc alloy	0602950	0702950
	60 A	MAXICOMPACT	Blue	Tin plated zinc alloy	0602960	0702960
	25 A	MAXICOMPACT CU	White	Silver plated copper	—	0702825
	30 A	MAXICOMPACT CU	Light green	Silver plated copper	—	0702830
	35 A	MAXICOMPACT CU	Dark green	Silver plated copper	—	0702835
	40 A	MAXICOMPACT CU	Orange	Silver plated copper	—	0702840
	50 A	MAXICOMPACT CU	Red	Silver plated copper	—	0702850
	60 A	MAXICOMPACT CU	Blue	Silver plated copper	—	0702860

Seven ratings in the zinc alloy element and six in copper; the 20 A rating is offered in the zinc alloy element only.

The matching MAXICOMPACT holder and cover are listed in the fuse and relay holder section.

PAL-PATTERN CARTRIDGE · MICRO 10 & MICRO 14

JAPVAL® micro



The PAL-pattern cartridge fuse fitted to equipment of Japanese origin — outboards, gensets, pod drives and their loom junction boxes. The female versions push down over male blades inside the box.

Two micro body sizes, **MICRO 10** and the taller **MICRO 14**. Blister of 1, MOQ 20 throughout.

	Rating	Description	Colour	P/N blister	MOQ
b	15 A	MICRO FEMALE 10	Grey	0404015	20
	20 A	MICRO FEMALE 10	Azure	0404020	20
	25 A	MICRO FEMALE 10	White	0404025	20
	30 A	MICRO FEMALE 10	Pink	0404030	20
	40 A	MICRO FEMALE 10	Green	0404040	20
c	20 A	MICRO FEMALE 14	Azure	0424020	20
	25 A	MICRO FEMALE 14	White	0424025	20
	30 A	MICRO FEMALE 14	Pink	0424030	20
	40 A	MICRO FEMALE 14	Green	0424040	20
	50 A	MICRO FEMALE 14	Red	0424050	20
	60 A	MICRO FEMALE 14	Yellow	0424060	20

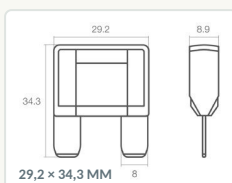
Crimp tooling, applicator-reel quantities and cut packs are available to order — custommarine.ae.

MAXIVAL® maxi blade fuses

MTA — PUSH-IN PROTECTION TO 100 A FOR WINDLASS, THRUSTER AND HEAVY ACCESSORY FEEDS

MAXI BLADE · 29,2 × 34,3 MM · 20 – 100 A

MAXIVAL®



The maxi blade — a push-in element rated to 100 A. Body **29,2 × 34,3 mm**, blade pitch **8 mm**, blade thickness **8,9 mm**. It carries windlass, thruster and heavy accessory feeds and drops straight into MAXIVAL holders and waterproof in-line housings.

Box of 10, MOQ 240; bulk MOQ 1000. Three ratings are also built with a **silver plated zinc alloy** element, bulk only, MOQ 800.

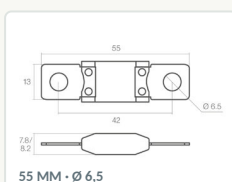
	Rating	Description	Colour	Blade material	P/N box	P/N bulk
a	20 A	MAXIVAL	Yellow	Tin plated zinc alloy	0600900	0700900
	30 A	MAXIVAL	Green	Tin plated zinc alloy	0600910	0700910
	40 A	MAXIVAL	Orange	Tin plated zinc alloy	0600920	0700920
	50 A	MAXIVAL	Red	Tin plated zinc alloy	0600930	0700930
	60 A	MAXIVAL	Blue	Tin plated zinc alloy	0600940	0700940
	70 A	MAXIVAL	Light brown	Tin plated zinc alloy	0600950	0700950
	80 A	MAXIVAL	Natural	Tin plated zinc alloy	0600960	0700960
	100 A	MAXIVAL	Violet	Tin plated zinc alloy	0600970	0700970
	40 A	MAXIVAL	Orange	Silver plated zinc alloy	—	0712040
	50 A	MAXIVAL	Red	Silver plated zinc alloy	—	0712050
	60 A	MAXIVAL	Blue	Silver plated zinc alloy	—	0712060

Silver plating lowers the contact resistance at the holder clip, which matters most on a circuit switched under load many times a day.

MAXIVAL is the element for the splash proof MAXIVAL holder, the waterproof cabled in-line holder, the LINK BOX and the MDU maxi modules.

COMPACT HIGH CURRENT · 55 MM · M8 · 80 – 300 A

MEGACOMPACT®



The high-current element in a shorter body than MEGAVAL: **55 mm** over the tags, **42 mm** hole centres, **Ø 6,5 mm** holes, body height **13 mm**, tag thickness **7,8 / 8,2 mm**. Chosen where the main fuse must sit inside a shallow housing or hard against a bulkhead.

Every rating uses a **tin plated copper** element. Box MOQ 20, bulk MOQ 700.

	Rating	Description	Colour	P/N box	P/N bulk
a	80 A	MEGACOMPACT	Red	0615080	0715080
	100 A	MEGACOMPACT	Yellow	0615100	0715100
	125 A	MEGACOMPACT	Green	0615125	0715125
	150 A	MEGACOMPACT	Orange	0615150	0715150
	175 A	MEGACOMPACT	White	0615175	0715175
	200 A	MEGACOMPACT	Blue	0615200	0715200
	225 A	MEGACOMPACT	Light brown	0615225	0715225
	250 A	MEGACOMPACT	Pink	0615250	0715250
	300 A	MEGACOMPACT	Grey	0615300	0715300
	CAL5	MEGACOMPACT	Black	0615500	0715500

MEGA COMPACT terminals and the gangable MEGACOMPACT holder are listed later in this chapter; the CAL5 rating shares the black body of the POWERVAL CAL.2.

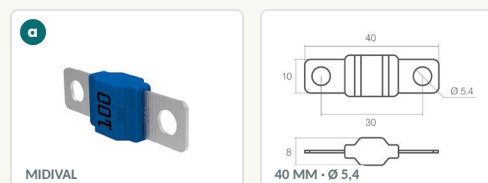
Custom Marine supports refit yards across the UAE with same-week supply on the references shown — 800BOATS.

MIDIVAL® bolted strip fuses

MTA — M5 STUD CENTRES, 30 A TO 200 A, FOR THE FEED BETWEEN BATTERY AND SUB-PANEL

BOLTED STRIP FUSE · 40 × 10 MM · M5 STUDS

MIDIVAL®



The bolted strip fuse for the feed between battery and sub-panel. Overall **40 mm** across the tags with **30 mm** hole centres, **Ø 5,4 mm** fixing holes for M5 studs, blade thickness **8 mm**, body height **10 mm**.

Tin plated zinc alloy, blister of 1, inner box MOQ 20, bulk MOQ 1000. The **MIDIVAL CU** tin plated copper element carries the range to **200 A**, bulk only, MOQ 1500.

	Rating	Description	Colour	Blade material	P/N blister	P/N bulk
a	30 A	MIDIVAL	Orange	Tin plated zinc alloy	0602030	0702030
	40 A	MIDIVAL	Green	Tin plated zinc alloy	0602040	0702040
	50 A	MIDIVAL	Red	Tin plated zinc alloy	0602050	0702050
	60 A	MIDIVAL	Yellow	Tin plated zinc alloy	0602060	0702060
	70 A	MIDIVAL	Brown	Tin plated zinc alloy	0602070	0702070
	80 A	MIDIVAL	White	Tin plated zinc alloy	0602080	0702080
	100 A	MIDIVAL	Blue	Tin plated zinc alloy	0602100	0702100
	125 A	MIDIVAL	Pink	Tin plated zinc alloy	0602125	0702125
	30 A	MIDIVAL CU	Orange	Tin plated copper	—	0708030
	40 A	MIDIVAL CU	Green	Tin plated copper	—	0708040
	50 A	MIDIVAL CU	Red	Tin plated copper	—	0708050
	60 A	MIDIVAL CU	Yellow	Tin plated copper	—	0708060
	70 A	MIDIVAL CU	Brown	Tin plated copper	—	0708070
	80 A	MIDIVAL CU	White	Tin plated copper	—	0708080
	100 A	MIDIVAL CU	Blue	Tin plated copper	—	0708100
	125 A	MIDIVAL CU	Pink	Tin plated copper	—	0708125
	150 A	MIDIVAL CU	Grey	Tin plated copper	—	0708150
	175 A	MIDIVAL CU	Light brown	Tin plated copper	—	0708175
	200 A	MIDIVAL CU	Violet	Tin plated copper	—	0708200

150 A, 175 A and 200 A are built in the copper element only — there is no zinc alloy equivalent above 125 A.

CROSS-FAMILY REFERENCE

Reading a fuse by its colour



Body colour	MINIVAL / MINI LP	UNIVAL	MAXIVAL	MIDIVAL	MEGAVAL / MEGACOMPACT
Black	1 A	1 A	—	—	CAL5 / CAL2
Grey	2 A	2 A	—	150 A	300 A
Violet	3 A	3 A	—	200 A	400 A
Pink	4 A	4 A	—	125 A	250 A
Light brown	5 A	5 A	70 A	175 A	225 A
Brown	7,5 A	7,5 A	—	70 A	500 A
Red	10 A	10 A	50 A	50 A	80 A
Blue	15 A	15 A	60 A	100 A	200 A
Yellow	20 A	20 A	20 A	60 A	100 A
Natural	25 A	25 A	80 A	—	—
White	—	—	—	80 A	175 A
Green	30 A	30 A	30 A	40 A	125 A
Orange	—	40 A	40 A	30 A	150 A

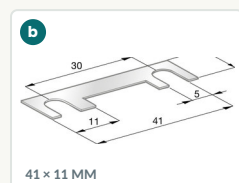
The colour convention repeats across the families, so the same colour means a different current in each format. Always confirm the printed rating on the body before fitting.

MEGACOMPACT® high current fuses

MTA — 80 A TO 300 A IN A 55 MM BODY WHERE HOUSING DEPTH IS LIMITED

BOLT-IN STRIP ELEMENT · 41 × 11 MM · 30 – 100 A

Strip fuses

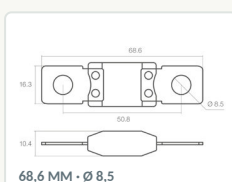


The flat bolt-in strip element used in older European fuse blocks and still specified on refit work. Overall **41 mm** long × **11 mm** wide, **30 mm** between the slot centres, slot width **5 mm**. Box MOQ 100.

	Rating	Description	P/N box	MOQ
b	30 A	STRIP FUSE	0200296	100
	40 A	STRIP FUSE	0200300	100
	50 A	STRIP FUSE	0200297	100
	60 A	STRIP FUSE	0200301	100
	80 A	STRIP FUSE	0200298	100
	100 A	STRIP FUSE	0200299	100

CALIBRATED MAIN FUSE · CAL.1 – CAL.5

POWERVAL®



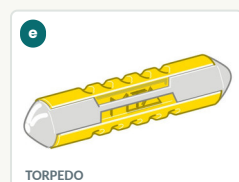
POWERVAL shares the MEGAVAL envelope — **68,6 mm** over the tags, **50,8 mm** centres, **Ø 8,5 mm** holes, tag thickness **10,4 mm** — but is specified by calibration class rather than by nominal amps, for battery-post protection where the melting characteristic matters more than a headline rating.

	Class	Description	Colour	Blade material	P/N blister	P/N bulk
a	CAL.1	POWERVAL	Grey	Tin plated zinc alloy	0601350	0701350
	CAL.2	POWERVAL	Black	Tin plated zinc alloy	0601400	0701400
	CAL.3	POWERVAL	Red	Tin plated copper	0601450	0701450
	CAL.4	POWERVAL	Brown	Tin plated copper	0601500	0701500
	CAL.5	POWERVAL	Wheat grey	Tin plated copper	0601700	0701700

Blister of 1, inner box MOQ 20 (CAL.5 MOQ 1); bulk MOQ 700.

CERAMIC TORPEDO · DIN 72581 & FIAT 9.91806

Continental



The clip-held ceramic torpedo fuse of older European wiring. Both the **DIN 72581** and the **FIAT 9.91806** colour conventions are stocked — they differ at 8 A, 16 A and 25 A, so order by standard as well as by rating. Box MOQ 100.

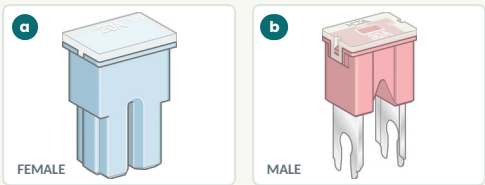
	Rating	Standard	Body colour	P/N box	MOQ
e	5 A	FIAT 9.91806	Yellow	0200140	100
	8 A	FIAT 9.91806	Black	0200150	100
	16 A	FIAT 9.91806	Green	0200170	100
	25 A	FIAT 9.91806	Brown	0200180	100
	5 A	DIN 72581	Yellow	0200140	100
	8 A	DIN 72581	White	0200151	100
	16 A	DIN 72581	Red	0200171	100
	25 A	DIN 72581	Blue	0200181	100

JAPVAL® full-size cartridge fuses

MTA — PUSH-IN AND BOLT-IN PAL CARTRIDGES, 20 A TO 100 A

FULL SIZE · PUSH-IN FEMALE & MALE

JAPVAL® 32 V

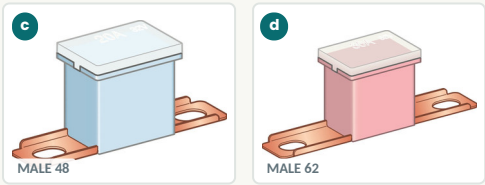


The full-size PAL cartridge in its two push-in terminations: the **FEMALE** receptacle that drops over blades in the box, and the **MALE** blade version that plugs into a receptacle holder. Blister of 1, MOQ 20 throughout.

	Rating	Description	Colour	P/N blister	MOQ
a	20 A	FEMALE	Azure	0470020	20
	30 A	FEMALE	Pink	0470030	20
	40 A	FEMALE	Green	0470040	20
	50 A	FEMALE	Red	0470050	20
	60 A	FEMALE	Yellow	0470060	20
	80 A	FEMALE	Black	0470080	20
	100 A	FEMALE	Blue	0470100	20
b	30 A	MALE	Pink	0471030	20
	40 A	MALE	Green	0471040	20
	50 A	MALE	Red	0471050	20
	60 A	MALE	Yellow	0471060	20
	80 A	MALE	Black	0471080	20
	100 A	MALE	Blue	0471100	20

FULL SIZE · BOLT-IN 48 MM & 62 MM TAGS

JAPVAL® bolt-in



The bolt-in versions carry a copper tag on each side of the body. **MALE 48** and **MALE 62** differ only in tag length — measure the fuse you are replacing before ordering. Blister of 1, MOQ 20 throughout.

	Rating	Description	Colour	P/N blister	MOQ
c	20 A	MALE 48	Azure	0475020	20
	30 A	MALE 48	Pink	0475030	20
	40 A	MALE 48	Green	0475040	20
	50 A	MALE 48	Red	0475050	20
	60 A	MALE 48	Yellow	0475060	20
	70 A	MALE 48	Brown	0475070	20
	80 A	MALE 48	Black	0475080	20
	100 A	MALE 48	Blue	0475100	20
d	30 A	MALE 62	Pink	0472030	20
	40 A	MALE 62	Green	0472040	20
	50 A	MALE 62	Red	0472050	20
	60 A	MALE 62	Yellow	0472060	20
	80 A	MALE 62	Black	0472080	20
	100 A	MALE 62	Blue	0472100	20

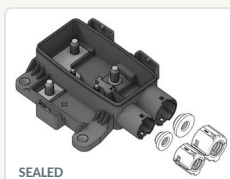
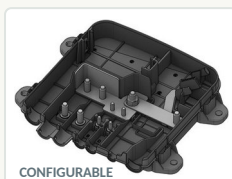
Every part on these pages can be supplied loose, in box packs or on production reels — 800BOATS.

Power distribution units – on the battery

MTA — PRE-MOUNTED HOUSINGS THAT PUT THE MAIN FUSE ON THE BATTERY POST

CHOOSING A BATTERY-SIDE UNIT

Power distribution units at a glance



Every unit on the following pages is a pre-built housing that puts one or more fuses within a few centimetres of the battery post, so the run between the bank and the first protective device is as short as the installation allows.

Choose by the number and format of the fuses the vessel needs, by whether the unit has to carry its own battery terminal, and by whether it will be mounted in a dry locker or in a place that gets wet.

Unit	Fuse positions	Battery terminal	Sealing	P/N
BDU	1 POWER / MEGAVAL	Die cast, handed	Cover	0301229 / 0301230
CBA X73	1 POWER / MEGAVAL	Integral	Open	0100703
CBA J81 L4	1 MEGA / POWERVAL	Integral	Cover	0101703
3-WAY MIDIVAL	3 MIDIVAL on a bus bar	—	Cover	0300442 / 0300468
CDB	2 MIDIVAL + 1 POWERVAL / MEGAVAL	Integral	Open	0300839
LINK BATT	8 MAXIVAL + 2 MIDIVAL	—	Open	0100710
JUMP START	Node, plug and distributor	—	Cover	4541203 / 4541204 / 4541205
PDU 2M	2 MEGAVAL, 12 V or 48 V	—	Cover	0301887 / 0300419
2-WAY WP PDU	1 MIDIVAL + 1 MEGAVAL, 12 V or 48 V	—	Sealed	0301053 / 0300421
3-WAY WP PDU	1 MIDIVAL + 2 MEGAVAL	—	Sealed	0301045
4-WAY MIDIVAL	4 MIDIVAL on a bus bar	—	Cover	0300552
CONFIGURABLE PDU	Up to 4 MIDIVAL + 2 MEGAVAL + 5 MINIVAL	—	Splash proof	0301865 / 0301873
MEC 25 / MEC 97	Configured to the circuit schedule	—	Enclosed	0301452 / 0301163
LINK BOX	4 MAXIVAL	—	Cover	0100500 / 0100800

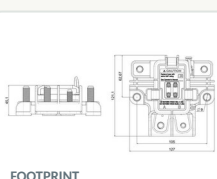
Full specifications, footprints and the matching terminals for each unit follow on the pages of this section.

A unit that carries its own battery terminal replaces the post clamp, so the cable between the bank and the fuse disappears entirely. Where the bank already has a clamp fitted, choose a housing without a terminal and land it on a short tubular-lugged tail.

Sealed and splash proof units close around each cable with a PBT tube retainer and a silicone gasket sized to the cable outside diameter; both are listed with the retainer and gasket range in this section.

TWO MEGAVAL WITH COVER · 12 V AND 48 V

PDU 2M



Two MEGAVAL fuses on a common input pad under one hinged cover. The 48 V version is moulded in blue and marked 48 V so it cannot be confused with the 12 V unit on a mixed-voltage vessel.

	Description	P/N	MOQ
a	Pre mounted housing for 2 MEGAVAL with cover	0301887	24
b	48 V pre mounted housing for 2 MEGAVAL with cover	0300419	24

Connections and fixings: tubular terminals.

The 48 V housing is moulded in blue and marked 48 V. Keep the two versions physically separate in the store: they share a footprint and a fuse format, and the only difference visible on a bench is the colour.

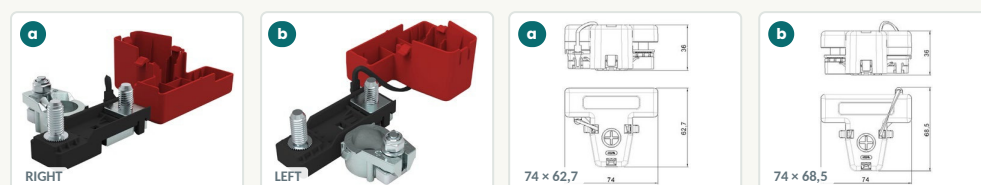
Technical drawings, mounting dimensions and 3D models are available on request — custommarine.ae.

Power distribution units – on the battery

MTA — PRE-MOUNTED HOUSINGS THAT PUT THE MAIN FUSE ON THE BATTERY POST

BATTERY-MOUNTED HOUSING · DIE CAST TERMINAL

BDU



The BDU carries one POWER or MEGAVAL fuse in a red PA housing moulded straight onto a die cast battery terminal — the shortest possible unfused run on the vessel. Supplied handed: order the version that puts the fuse on the correct side of the post.

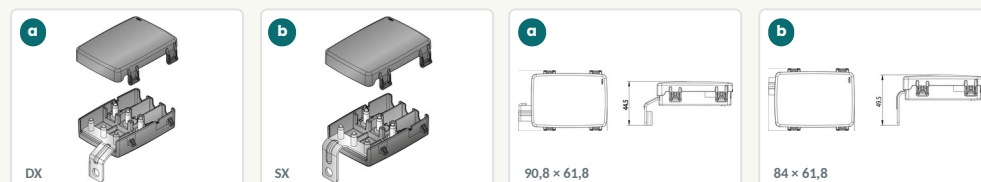
Footprint **74 mm** wide; height over the terminal **36 mm**; body depth **62,7 mm** right hand, **68,5 mm** left hand.

	Description	P/N bulk	MOQ
a	Pre mounted housing for 1 POWER/MEGAVAL with die casted battery terminal right	0301229	48
b	Pre mounted housing for 1 POWER/MEGAVAL with die casted battery terminal left	0301230	48

The hinged cover is captive on the housing and stays with the unit when the fuse is changed.

THREE MIDIVAL WITH COVER AND BUS BAR

3-way MIDIVAL®



Three MIDIVAL strip fuses on a common bus bar in one sealed box with a lift-off cover — the standard way to take three protected feeds off a single battery post.

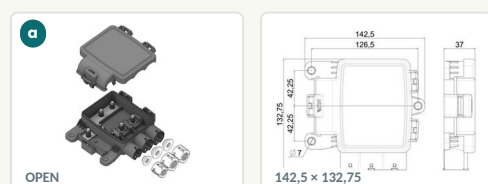
Handed: **DX** is **90,8 × 61,8 mm** with a body depth of **44,5 mm**; **SX** is **84 × 61,8 mm** with a body depth of **49,5 mm**. Both are supplied complete with cover and bus bar.

	Description	P/N	MOQ
a	Pre mounted housing DX for 3 MIDIVAL with cover and bus bar	0300442	1
b	Pre mounted housing SX for 3 MIDIVAL with cover and bus bar	0300468	1

Connections and fixings: MIDI terminals, polarity A, B and D.

ONE MIDIVAL + TWO MEGAVAL · SEALED

3-way waterproof PDU



The three-way version of the sealed unit: one MIDIVAL and two MEGAVAL on a common input, under one gasketed cover.

Body **142,5 × 132,75 mm**, cover **126,5 mm**, depth **37 mm**; fixing holes **Ø 7 mm**, lug centres **42,25 mm** and **45,25 mm**.

	Description	P/N bulk	MOQ
a	Pre mounted housing for 1 MIDIVAL and 2 MEGAVAL with cover	0301045	24

Connections and fixings: tubular terminals, MIDI M5 polarity A, MEGA M8 polarity A, gasket 1607510 and tube retainers.

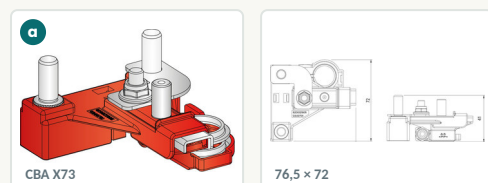
Complete distribution assemblies are built and tested to your schematic before they reach the vessel — 800BOATS.

Power distribution units — on the battery

MTA — PRE-MOUNTED HOUSINGS THAT PUT THE MAIN FUSE ON THE BATTERY POST

ONE POWER/MEGAVAL · 76,5 × 72 MM

CBA X73



A pre-mounted housing for a single POWER or MEGAVAL fuse with an integral battery terminal, used where the main fuse must sit directly on the post but the cable run leaves the terminal at 90°.

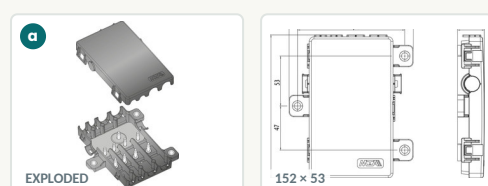
Body 76,5 mm long, 72 mm high, 41 mm deep over the terminal.

	Description	P/N	MOQ
a	Pre-mounted housing for 1 POWER/MEGAVAL with battery terminal	0100703	1

Connections and fixings: terminals 1608180, 1608190, 1708110, 1708120 and 1608196.

FOUR MIDIVAL WITH COVER, BUS BAR & NUTS

4-way MIDIVAL®



Four MIDIVAL strip fuses on a common bus bar with self-locking nuts and a lift-off cover — the standard four-circuit board for a domestic or auxiliary panel feed.

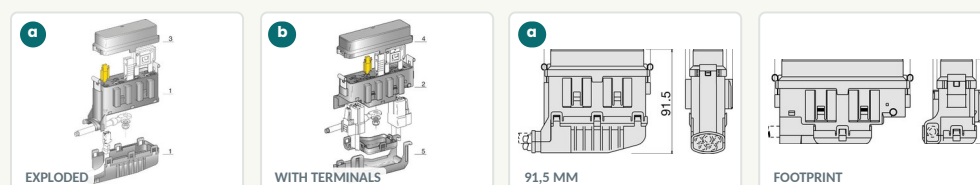
Overall 152 mm long, 53 mm wide, 47 mm high; bus bar centres 28,5 mm, body 132,25 mm over the lugs, fuse bay 114,25 mm.

	Description	P/N	MOQ
a	Pre mounted housing for 4 MIDIVAL with cover, bus bar and self locking nuts	0300552	1

Connections and fixings: bus bars 1708250 and 1708246.

FOUR WAY · PA66 GF25 · KIT OR BULK

LINK BOX



The LINK BOX is a four-way MAXIVAL housing supplied either as a bare housing with bottom cover, self-lock and nuts, or as a complete kit with cover and terminals. Upper covers, a wire cover and gaskets are available separately as service parts.

Housing 112,8 × 101,1 mm; cover 94,6 × 82,8 mm; body height 91,5 mm; wire exit face 69,5 × 41,7 mm, cover depth 32,7 mm.

	Description	Way	Material	Colour	P/N kit	P/N bulk	MOQ
a	Housing + bottom cover + self-lock + nuts	4	PA66 GF25 / PA66	Black	0100500	0300500	100
b	Housing + bottom cover + self-lock + nuts, with cover and terminals	4	PA66 GF25 / PA66	Black	0100800	0300800	120
	Upper cover with gasket	—	PA66 GF25	Black	—	0300950	160
	Upper cover with gasket	—	PA66 GF25	Black	—	0300850	120
	Wire's cover	—	PA66	Black	—	0300849	400

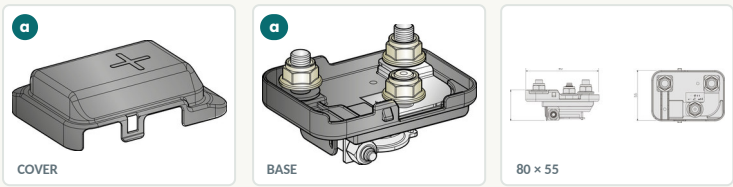
Connections and fixings: 0300949, 0300690, 0300691, F800 terminals, 1605000, 4540315, 4540345 and 4545100.

Custom Marine stocks the matching terminals, seals and tooling for every connector system in this chapter — 800BOATS.

Power distribution units – on the battery

MTA — PRE-MOUNTED HOUSINGS THAT PUT THE MAIN FUSE ON THE BATTERY POST

ONE MEGA/POWERVAL WITH COVER · 80 × 55 MM
CBA J81 L4



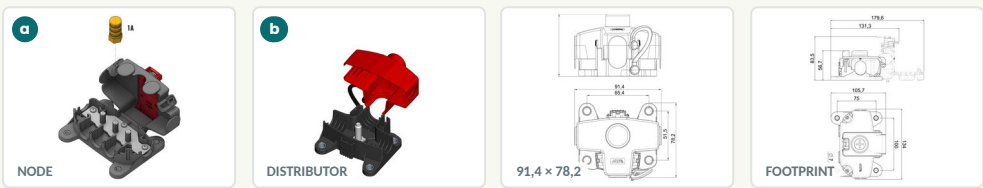
The CBA J81 L4 takes one MEGA or POWERVAL fuse on a moulded base with an integral battery terminal and a snap-on cover marked with the positive symbol.

Footprint **80 × 55 mm**, overall height **33 mm**. Supplied complete with cover and terminal.

	Description	P/N	MOQ
a	Pre mounted housing for 1 MEGA/POWERVAL with cover and battery terminal	0101703	1

Connections and fixings: the CBA J81 L4 bus bar.

DEDICATED STARTING POINT · 91,4 × 78,2 MM
JUMP START



A moulded, covered node that gives a crew a defined place to attach a jump lead or a portable pack, instead of clamping onto a battery post or an alternator stud. The plug version closes the node when it is not in use; the distributor version combines the node with a power distribution block.

Body **91,4 × 78,2 mm**, terminal pad **65,4 × 51,5 mm**.

	Description	P/N bulk	MOQ
a	Jump start node	4541203	60
	Jump start plug for power distribution	4541204	200
b	Power distributor with jump start	4541205	96

Connections and fixings: tubular M8 terminals.

ONE MIDIVAL + ONE MEGAVAL · SEALED · 12 V AND 48 V
2-way waterproof PDU



A fully sealed two-way unit: one MIDIVAL and one MEGAVAL under a gasketed cover, with moulded tube retainers and silicone gaskets closing every cable entry. This is the unit for a lazarette, an engine bilge or an exposed console.

Body **115 × 132,75 mm** over the mounting lugs, **85 mm** across the cover, **37 mm** deep; fixing holes **Ø 7 mm** at **99 mm** centres.

	Description	P/N bulk	MOQ
a	Pre mounted housing for 1 MIDIVAL and 1 MEGAVAL with cover	0301053	32
b	48 V pre mounted housing for 1 MIDIVAL and 1 MEGAVAL with cover	0300421	24

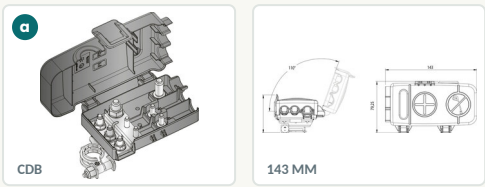
Connections and fixings: tubular terminals, MIDI M5 polarity A, MEGA M8 polarity A, gasket 1607510 and tube retainers.

Talk to Custom Marine early — the fusing plan is easiest to get right before the loom is cut — 800YACHTS.

Battery-post distribution boxes

MTA — MIDIVAL AND MEGAVAL HOUSINGS PRE-BUILT WITH BUS BAR, COVER AND TERMINAL

TWO MIDIVAL AND ONE POWERVAL/MEGAVAL
CDB



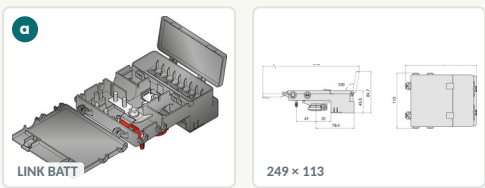
The CDB combines the battery main and two protected sub-feeds in a single moulding with an integral battery terminal: one POWERVAL or MEGAVAL for the main, two MIDIVAL for the branches.

Overall length **143 mm**, depth **79,25 mm**, height **58 mm**; the terminal leg is angled at **110°** so the main cable clears the battery case.

	Description	P/N bulk	MOQ
a	Pre mounted housing for 2 MIDIVAL and 1 POWERVAL/MEGAVAL with battery terminal	0300839	20

Connections and fixings: MIDI terminals polarity A and B, and MEGA terminals.

EIGHT MAXIVAL AND TWO MIDIVAL · 249 MM
LINK BATT



A complete battery-side distribution board: eight MAXIVAL blade fuses for the accessory circuits and two MIDIVAL strip fuses for the heavy branches, all fed from one bus bar.

Overall **249 × 113 mm**, height **84,7 mm**; the fuse bay measures **149,4 × 100 mm** and the cable entry face is **79,4 mm** deep.

	Description	P/N	MOQ
a	Pre mounted housing for 8 MAXIVAL and 2 MIDIVAL	0100710	1

Connections and fixings: terminals 4540315, 4540345, 4540325, 4540305 and 4545100, plus MIDI and SQR-A terminals.

PRESS FIT TECHNOLOGY · CONFIGURABLE
MEC 25

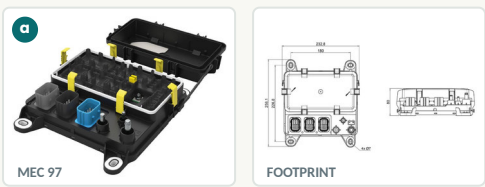


A configurable power distribution unit built on press-fit technology: the fuse and relay stations are pressed into the board rather than soldered, which removes the solder joint as a failure point under vibration.

	Description	P/N	MOQ
a	Configurable power distribution unit with press fit technology	0301452	12

Configured to order — supply the circuit schedule with the enquiry.

PRESS FIT TECHNOLOGY · LARGE FORMAT
MEC 97



The large-format press-fit unit, for a main distribution position where the whole DC schedule of a vessel is fused and switched in one enclosure.

	Description	P/N bulk	MOQ
a	Configurable power distribution unit with press fit technology	0301163	8

Configured to order — supply the circuit schedule with the enquiry.

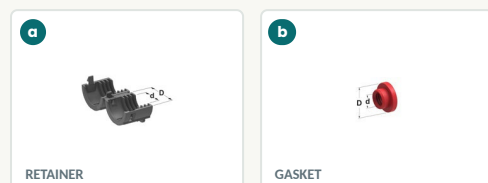
Cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae.

Waterproof power distribution units

MTA — SEALED HOUSINGS WITH TUBE RETAINERS AND GASKETS FOR EXPOSED AND BILGE INSTALLATIONS

SEALING SYSTEM FOR WATERPROOF UNITS

Tube retainers, gaskets & cavity plugs



Every sealed distribution unit closes around the cable with a two-part system: a **PBT tube retainer** that grips the outer sheath and a **silicone gasket** sized to the cable diameter. Unused cavities are closed with a **cavity plug**.

Retainers are specified by outside diameter **D** and cable diameter **d**; gaskets are colour coded by cable diameter.

	Description	Material	Colour	D mm	d mm	P/N	MOQ
a	Tube retainer	PBT	Black	19,6	6	0300454	200
	Tube retainer	PBT	Black	19,6	8	0300452	200
	Tube retainer	PBT	Black	19,6	11,4	0300465	200
	Tube retainer	PBT	Black	24,6	12,8	0300455	200
	Tube retainer	PBT	Black	24,6	14,3	0300464	200
	Tube retainer	PBT	Black	24,6	15,2	0300557	200
	Tube retainer	PBT	Black	24,6	18,2	0301199	280
b	Gasket	Silicon	Green	18	2	0300456	200
	Gasket	Silicon	Blue	18	3,7	0300457	200
	Gasket	Silicon	Yellow	18	6	0300463	200
	Gasket	Silicon	Red	18	8	0300458	200
	Cavity plug	Silicon	Natural	18	—	0350459	200
	Cavity plug bulk	Silicon	Natural	18	—	0300459	5000
	Gasket	Silicon	Yellow	23	8	0300460	200
	Gasket	Silicon	Green	23	10	0350558	200
	Gasket bulk	Silicon	Green	23	10	0300558	5000
	Cavity plug	Silicon	Natural	23	—	0301204	1000

Fit a gasket to every occupied cavity and a cavity plug to every unused one — an open cavity defeats the seal on the whole box.

SPLASH PROOF · CONFIGURABLE · WITH BUS BAR

Configurable PDU



A splash proof configurable platform that can be populated to the circuit schedule. Version 1 takes two MEGA/POWERVAL and two MIDIVAL and will accept an electronic battery disconnect switch; version 2 takes four MIDIVAL, two MEGAVAL and five MINIVAL.

Body 238 × 207,7 mm over the lugs, cover 220 × 190 mm, depth 47 mm, fixing holes Ø 7 mm.

	Description	P/N	MOQ
a	Pre mounted housing for 2 MEGA/POWERVAL + 2 MIDIVAL with cover and bus bar; can accommodate electronic BDS	0301865	1
b	Pre mounted housing for 4 MIDIVAL + 2 MEGAVAL + 5 MINIVAL with cover and bus bar	0301873	1

Connections and fixings: MIDI terminals polarity A/B and A/B/C/D, tubular M8, SML modules and F280 terminals.

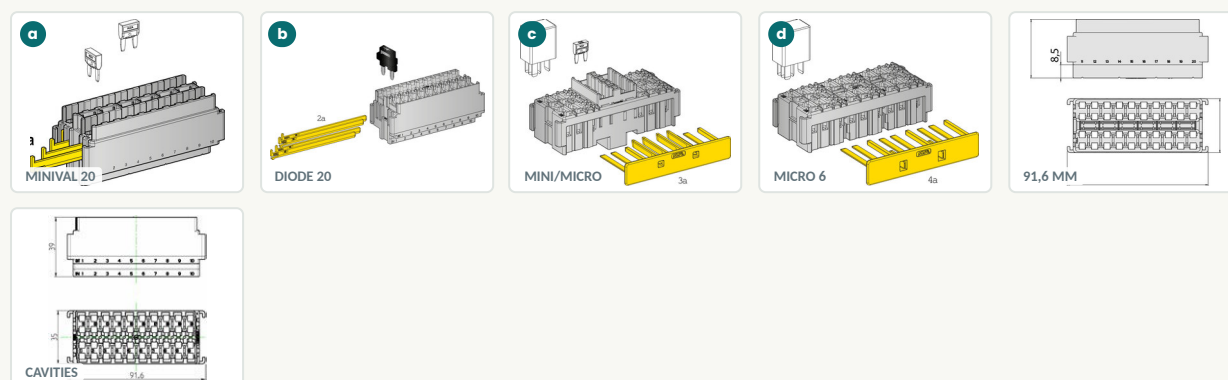
Bulk and reel quantities for production build are available against schedule — 800BOATS.

Main distribution units – the module system

MTA — SNAP-TOGETHER FUSE AND RELAY MODULES ON A COMMON 84 × 91,6 MM FOOTPRINT

MINIVAL, DIODE & MICRO RELAY MODULES

Modules — 20-way & relay



The MDU system builds a distribution board out of snap-together modules on a common **84 × 91,6 mm** footprint. Each module carries its own fuse or relay cavities and a yellow **secondary lock** that captures every terminal before the frame is closed.

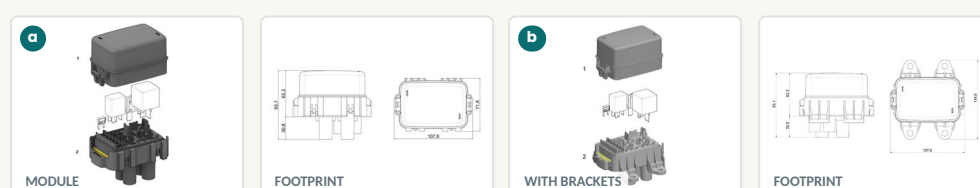
Module heights vary with the cavity type: **35 mm** for the 20-way MINIVAL board, **38 mm** with diodes, **39,4 mm** for the mixed MINIVAL / micro relay board and **26,9 mm** for the six-way micro relay board.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	MINIVAL module	20	PA66 MD25	Grey	0101460	0301460	250
	Secondary lock	—	PA66	Yellow	—	0300793	7000
b	Diodes / MINIVAL module	20	PA66 MD25	Grey	0101640	0301640	230
	Secondary lock	—	PA66	Yellow	—	0300793	7000
c	MINIVAL / micro relay module	8 + 4	PA66 MD25	Grey	0101564	0301564	132
	Secondary lock	—	PA66 GF13	Yellow	—	0301566	400
d	Micro relay module	6	PA66 MD25	Grey	0101484	0301484	198
	Secondary lock	—	PA66 GF13	Yellow	—	0301486	400

Connections and fixings: F280, F480E and F630E terminals, bus bar, relay retainer 0301630 and 0301376.

6 MINIVAL + 1 MAXIVAL + 2 MAXI + 1 MICRO RELAY

WP module — mixed blade & relay



The mixed sealed module: six MINIVAL, one MAXIVAL, two maxi relays and one micro relay behind gasketed terminals. Available as a plain module or with integral mounting brackets.

	Description	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	PA66 GF30	Black	0101371	0301371	100
	6 MINIVAL + 1 MAXIVAL + 2 maxi relay + 1 micro relay module	PA66 MD25	Black	0101491	0301491	60
b	Cover	PA66 GF30	Black	—	0101377	100
	Same module with mounting brackets	PA66 MD25	Black	—	0301407	45

Connections and fixings: F280 WP and F800 WP with gaskets and plug, JPT WP, SPT WP, MPT WP, gasket 4551903 and sealing plug 4423721 for MPT WP.

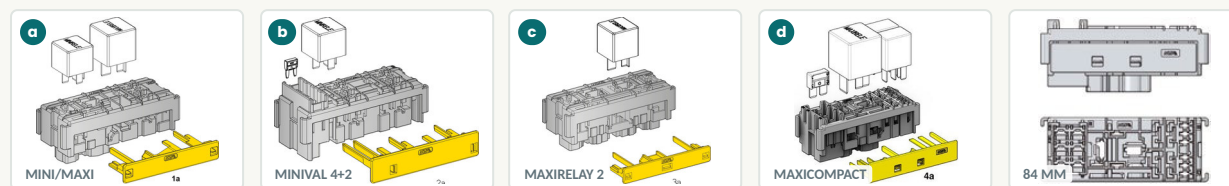
Custom Marine can supply any item on this page as part of a complete panel build — 800BOATS.

Main distribution units – the module system

MTA — SNAP-TOGETHER FUSE AND RELAY MODULES ON A COMMON 84 × 91,6 MM FOOTPRINT

MINI, MAXI RELAY & MAXICOMPACT MODULES

Modules – relay & bolt-down



Four more module types on the same footprint: a combined mini and maxi relay board, a mixed four-fuse / two-relay board, a two-way maxi relay board and a board that takes three MAXICOMPACT bolt-down fuses with one maxi and two micro relays.

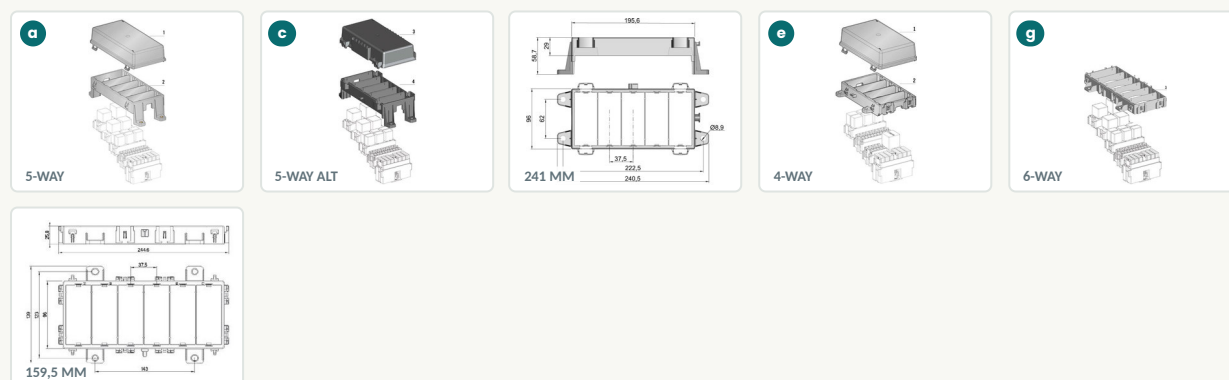
Module heights **35,83 mm**, **35,85 mm**, **27 mm** and **39,16 mm** respectively; all are **84 mm** wide over the frame rails.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Mini / maxi relay module	1 + 1	PA66 MD25	Grey	0101494	0301494	132
	Secondary lock	—	PA66 GF13	Yellow	—	0301496	600
b	MINIVAL / mini relay module	4 + 2	PA66 MD25	Grey	0101504	0301504	132
	Secondary lock	—	PA66 GF13	Yellow	—	0301506	400
c	Maxi relay module	2	PA66 MD25	Grey	0101660	0301660	132
	Secondary lock	—	PA66 GF13	Yellow	—	0301661	600
d	MAXICOMPACT / maxi / micro relay module	3 + 1 + 2	PA66 MD25	Grey	0101695	0301695	132
	Secondary lock	—	PA66 GF13	Yellow	—	0301696	400

Connections and fixings: F280, F480E, F630E and F950 terminals, bus bar, retainers 0301630 and 0301376.

FOUR-, FIVE- AND SIX-MODULE CARRIERS

Frames & covers – medium



The five-module frame measures **241 × 96 mm** over the lugs with a **223 mm** cover and **Ø 7 mm** fixings at **197 mm** centres; the four-module frame is **159,5 × 131 mm** with a **107 mm** cover. Frame depth is **37.5 mm** throughout.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	5	PP GF30	Grey	0101540	0301540	48
b	Frame	5	PP GF30	Grey	0101450	0301450	85
c	Cover	5	PP GF30	Grey	0101707	0301707	50
d	Frame	5	PP GF30	Grey	0101706	0301706	50
e	Cover	4	PP GF30	Grey	0101530	0301530	63
f	Frame	4	PP GF30	Grey	0101520	0301520	63
g	Frame	6	PP GF30	Grey	—	0301608	TBD

Relay retainers on the five-way frame 0301706 fit positions 2, 3 and 4 only.

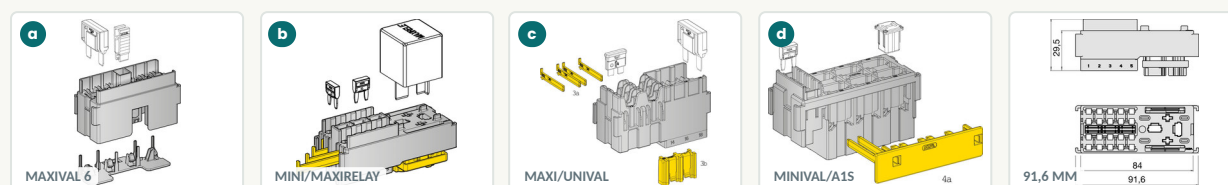
Specification support, drawings and sample parts are available to naval architects and yards — custommarine.ae.

Main distribution units – the module system

MTA — SNAP-TOGETHER FUSE AND RELAY MODULES ON A COMMON 84 × 91,6 MM FOOTPRINT

MAXIVAL, UNIVAL & TYPE A1S MODULES

Modules – maxi & standard blade



Modules for the larger blade formats. The MAXIVAL board takes six maxi blades at a height of **16,8 mm**; the MAXIVAL / UNIVAL board mixes three maxi with six standard blades; the MINIVAL / type A1S board adds six A1S circuit breaker positions.

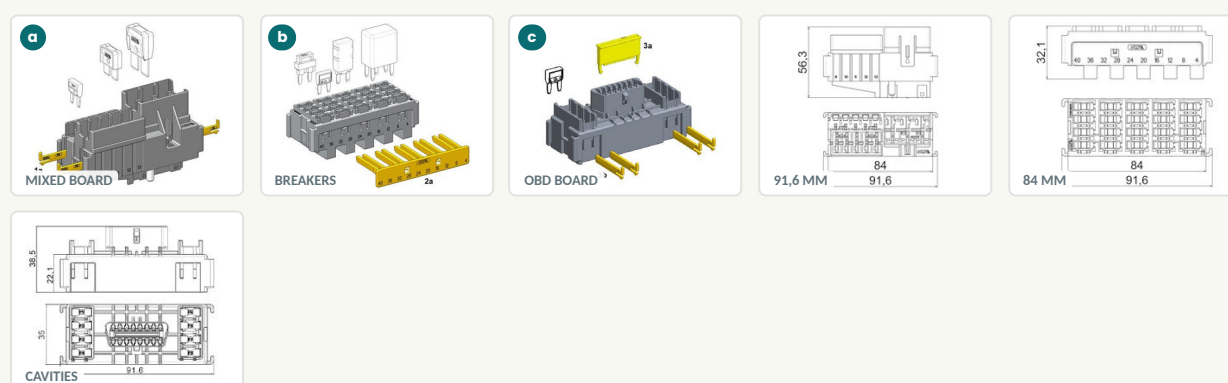
Board heights **49,5 mm**, **29,5 mm**, **52,5 mm** and **53,5 mm**; all on the **91,6 mm** module pitch.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	MAXIVAL module	6	PBT GF20	Grey	0101470	0301470	162
b	MINIVAL / maxi relay module	10 + 1	PA66 MD25	Grey	0101510	0301510	200
c	MAXIVAL / UNIVAL module	3 + 6	PA66 MD25	Grey	0101600	0301600	100
	Secondary lock for UNIVAL	—	PA66	Yellow	—	0301601	6000
	Secondary lock for MAXIVAL	—	PA66	Yellow	—	0301602	1700
d	MINIVAL / type A1S module	4 + 6	PA66 MD25	Grey	0101690	0301690	99
	Secondary lock	—	PA66 GF13	Yellow	—	0301691	300

Connections and fixings: F280, F800, F950, M630, UNI F630 and SPT terminals, bus bar, retainers 0301630 and 0301376.

BOLT-DOWN, CIRCUIT BREAKER & OBD MODULES

Modules – mixed format



The three most heavily populated boards in the system: five MINIVAL with five MAXICOMPACT and three M8COMPACT; a twenty-way MINIVAL board that also accepts circuit breakers and diodes with six micro 280 relays; and an eight-way MINIVAL board with a diagnostic connector position.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	MINIVAL / MAXICOMPACT / M8COMPACT module	5 + 5 + 3	PA66 MD25	Grey	0101697	0301697	162
	Secondary lock	—	PA66	Yellow	—	0300564	486
b	MINIVAL / circuit breakers / diodes module, micro 280 relays module	20 + 6	PA66 MD25	Grey	0101698	0301698	160
	Secondary lock	—	PA66 GF13	Yellow	—	0301699	320
c	MINIVAL / OBD module	8 + 1	PA66 GF30	Grey	0101375	0301375	96
	Secondary lock for OBD connector	—	PA66	Yellow	—	0300791	5000
	Secondary lock for MINIVAL	—	PA66	Yellow	—	0301601	6000

Connections and fixings: F280, F630E and F800 terminals with clip, bus bar, 0301630, 0301376 and 0301237.

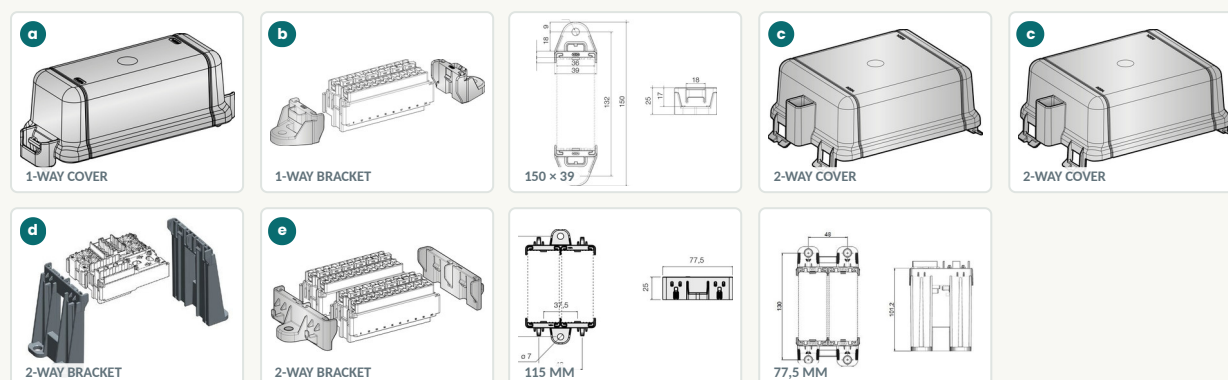
Custom Marine holds the fast-moving MTA references in Dubai and builds distribution units to your circuit schedule — 800BOATS.

MDU frames, brackets & covers

MTA — PP GF30 CARRIERS FOR ONE TO TWELVE MODULES, WITH COVERS AND MOUNTING BRACKETS

ONE- AND TWO-MODULE MOUNTING

Covers & brackets — small



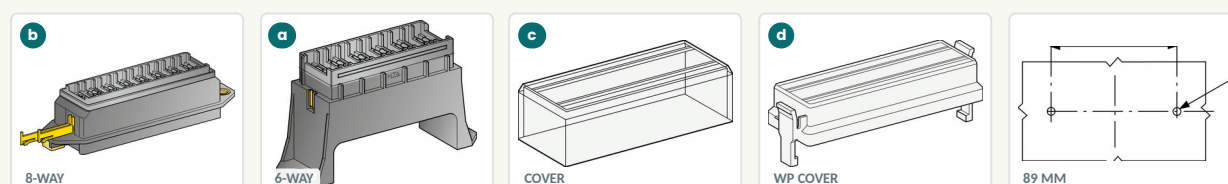
A single module is closed by a one-way cover and carried on a one-way bracket; two modules share a two-way cover with a choice of two brackets. All parts are moulded in **PP GF30**.

One-way bracket **150 × 39 mm** with an **18 mm** mounting foot; two-way bracket **115 mm** across the **Ø 7 mm** fixing holes at **77,5 mm** centres.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	1	PP GF30	Grey	0101590	0301590	150
b	Bracket	1	PP GF30	Grey	0101580	0301580	500
c	Cover	2	PP GF30	Grey	0101550	0301550	200
d	Bracket	2	PP GF30	Grey	0101180	0301180	130
e	Bracket	2	PP GF30	Grey	0100699	0300699	400

UNIVAL STRIPS · AXIAL CABLE EXIT · 4 / 6 / 8 WAY

Axial exits



UNIVAL fuse strips with the cable leaving in line with the body. Four, six and eight way, in **PA66 GF30**, with a clear polycarbonate cover on the four and six way and a gasketed PA 12 cover on the eight way.

Body lengths **53,2 mm**, **73,2 mm** and **103 mm**; fixing holes **Ø 5,5 mm**; height **28 mm**.

	Description	Way	Material	Colour	P/N kit	P/N bulk	MOQ
a	Housing with terminals	4	PA66 GF30	Black	0100540	0300540	500
	Housing without terminals	4	PA66 GF30	Black	—	0300541	500
	Housing with terminals	6	PA66 GF30	Black	0100560	0300560	500
	Housing without terminals	6	PA66 GF30	Black	—	0300561	500
b	Housing with terminals	8	PA66 GF30	Black	0100580	0300580	300
	Housing without terminals	8	PA66 GF30	Black	—	0300581	300
c	Cover	4	PC	Natural	—	0300542	500
	Cover	6	PC	Natural	—	0300562	400
d	Cover with gasket	8	PA 12	Natural	—	0300582	150

Kit inner box 24 pcs on the 4-way, 12 on the 6-way and 9 on the 8-way. Connections and fixings: UNI F630 terminals.

The four and six way covers are clear polycarbonate so the elements can be checked without opening the strip; the eight way cover is PA 12 with a moulded gasket and should be used where the strip is exposed to spray.

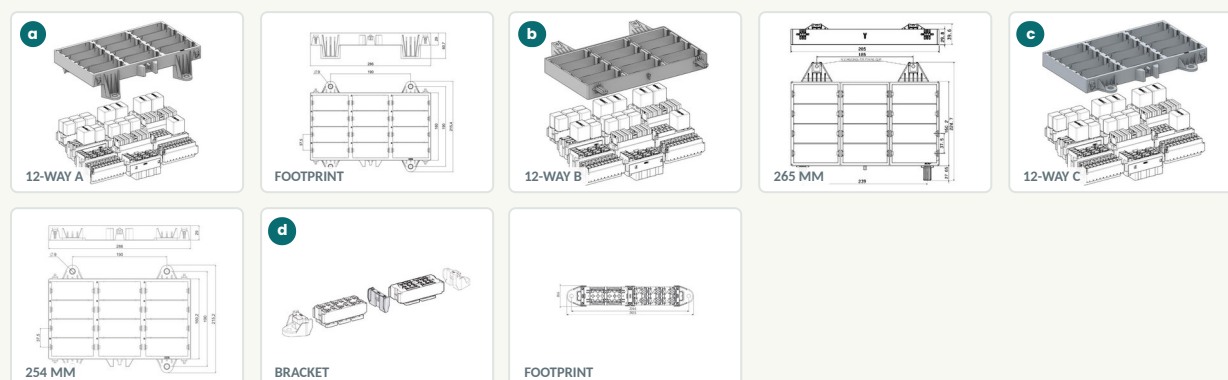
Fuse, holder, terminal and seal are specified together at Custom Marine so the assembly is right first time — 800BOATS.

MDU frames, brackets & covers

MTA — PP GF30 CARRIERS FOR ONE TO TWELVE MODULES, WITH COVERS AND MOUNTING BRACKETS

TWELVE-MODULE CARRIERS & SINGLE BRACKET

Frames — large



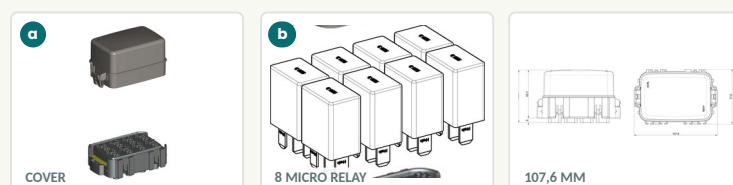
Three twelve-module frames cover the large distribution positions: a deep frame for double-height modules, a flat frame **265 mm** wide over the rails with a **239 mm** fixing pitch, and a shallow frame for the mixed fuse and relay boards.

All three accept the relay retainer **0301376** and the circuit breaker guide **0301237**.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Frame	12	PP GF30	Grey	0301682	25
b	Frame	12	PP GF30	Grey	0301680	104
c	Frame	12	PP GF30	Grey	0301681	30
d	Bracket	1	PP GF30	Grey	0301620	250

EIGHT MICRO RELAY · SEALED · 107,6 × 71,6 MM

Micro relay WP module



An eight-position micro relay module in the sealed format, **107,6 × 71,6 mm** over the flange with a body **68,3 × 62,3 mm** and a **6 mm** sealing land.

	Description	Material	Colour	P/N bulk	MOQ
a	Cover	PA66 GF30	Black	0301371	100
b	8 micro relay module	PA66 MD25	Black	0301677	TBD

Connections and fixings: *JPT WP* and *SPT WP* terminals with gaskets **0300690** and plugs **0300691**.

TWO-WAY MAXI AND MINI RELAY HOLDER

Relay holder



A two-way holder for maxi and mini relays in **PBT GF20**, with an upper and bottom cover in **PP**. **82,4 mm** long, **53,5 mm** wide, **51,6 mm** high, mounting foot **34,5 mm**.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Holder for maxi and mini relay	2	PBT GF20	Black	0302000	240
b	Upper and bottom cover	—	PP	Black	0302001	240

Connections and fixings: *L-type F950* and *NG1 6,3* terminals.

Ask Custom Marine for a wiring take-off measured against your general arrangement — **800BOATS · 800YACHTS**.

MDU frames, brackets & covers

MTA — PP GF30 CARRIERS FOR ONE TO TWELVE MODULES, WITH COVERS AND MOUNTING BRACKETS

RELAY RETAINERS & CIRCUIT BREAKER GUIDE

Frame service parts



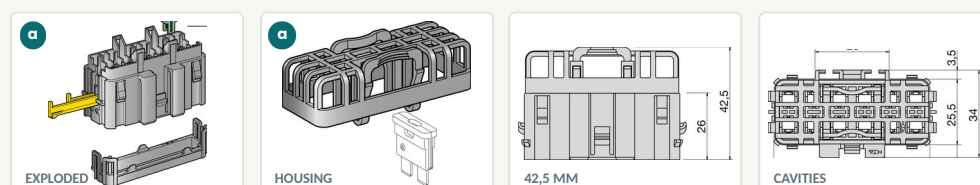
Relays and circuit breakers are held down in the frame by a moulded retainer that clips over the module. Two retainer patterns and one circuit breaker guide cover the whole frame range.

Retainer **92,8 mm** across the frame, **38,4 mm** high; guide pitch **37,02 mm**, height **23,55 mm**.

	Description	Fits frames	Material	P/N bulk	MOQ
a	Relay retainer	0301450, 0301706 (positions 2, 3, 4 only), 0301520	PA66-GF13	0301630	350
b	Relay retainer	0301450, 0301706 (positions 2, 3, 4 only), 0301520, 0301682, 0301680, 0301681	PA66-GF13	0301376	120
c	Circuit breaker guide	0301450, 0301706 (positions 2, 3, 4 only), 0301520, 0301682, 0301680, 0301681	PA66-GF30	0301237	210

6-WAY IN-LINE · 30 A · COLOUR-CODED INSERTS

6-way U.P.L.



A six-way in-line fuse block rated **30 A** per way, built from a housing, a cover and a wire's cover, with a snap-in identification insert moulded in the fuse colour so the rating of each way is readable without pulling the fuse.

Housing **61 × 61 mm**, height **42,5 mm**; cover face **34 × 29 mm**, insert pitch **25,5 mm**, insert thickness **3,5 mm**.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Housing	6	PA66 GF25	Black	0303006	500
b	Cover	—	PA66 GF30	Black	0303009	600
c	Wire's cover	—	PA66	Black	0303008	1000
d	Identification insert 3 A	—	PBT GF20	Violet	0303003	500
	Identification insert 5 A	—	PBT GF20	Beige	0303005	500
	Identification insert 7,5 A	—	PBT GF20	Brown	0303007	500
	Identification insert 10 A	—	PBT GF20	Red	0303010	500
	Identification insert 15 A	—	PBT GF20	Blue	0303015	500
	Identification insert 20 A	—	PBT GF20	Yellow	0303020	500
	Identification insert 25 A	—	PBT GF20	White	0303025	500
	Identification insert 30 A	—	PBT GF20	Green	0303030	500

Connections and fixings: 0300949, gaskets 0300690, plugs 0300691, UNI F630 terminals and bus bar.

Crimp tooling, applicator-reel quantities and cut packs are available to order — custommarine.ae.

Waterproof fuse & relay modules

MTA — SEALED PA66 MODULES WITH GASKETED TERMINALS AND A BLACK GF30 COVER

30 MINIVAL OR 10 MICRO RELAY · SEALED

Footprint waterproof module



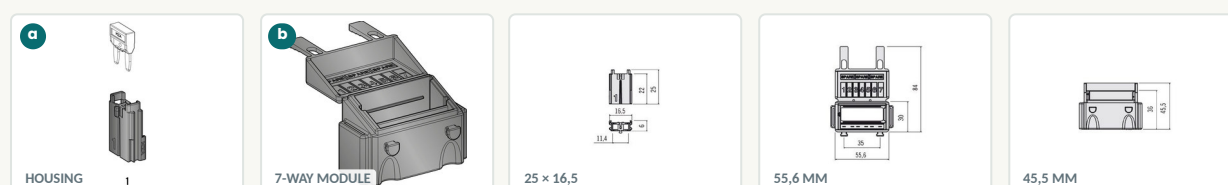
The waterproof footprint module carries thirty MINIVAL cavities or ten micro relay positions behind individually gasketed F280 WP terminals, closed by a black **PA66 GF30** cover. This is the module for an engine-space or exposed console position.

	Description	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	PA66 GF30	Black	0101371	0301371	100
	30 MINIVAL or 10 micro relay WP footprint module	PA66 MD25	Black	0101370	0301370	60
	Secondary lock	PA66	Yellow	—	0301372	1500

Connections and fixings: F280 WP terminals with gaskets 0300690 and plugs 0300691.

7-FUSE MINIVAL CARRIER · 55,6 MM

SML



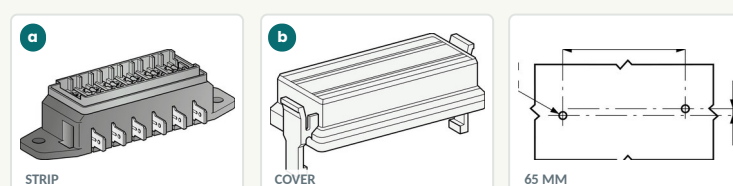
A compact seven-way MINIVAL carrier: a single housing takes an EPDM module that carries the seven fuse cavities. **55,6 mm** long, **35 mm** wide, board height **30 mm**, overall **84 mm** with the module fitted.

	Description	Way	Material	Colour	P/N bulk	P/N kit	MOQ
a	Housing	1	PA66 GF30	Black	0301420	—	2800
b	Module for MINIVAL	7	EPDM-60	Black	0301430	—	250
	Module for MINIVAL	7	EPDM-60-D15	Black	0301431	—	400
	Kit with terminals	—	—	—	—	0301435	1

0301435 is the kit with terminals, ordered as a single kit; the housing and modules are bulk references. Connections and fixings: F280 terminals.

UNIVAL STRIPS · SIDE CABLE EXIT · 4 / 6 / 8 WAY

Lateral exits



The same UNIVAL strip with the cable leaving the side of the body — the version to use when the strip is mounted against a bulkhead or in a shallow locker. Each way is supplied with terminals; a gasketed PA 12 cover is available for all three sizes.

Body lengths **65 mm**, **85 mm** and **105 mm**; fixing holes **Ø 5,5 mm** with a **5 mm** land.

	Description	Way	Material	Colour	P/N kit	P/N bulk	MOQ
a	Housing with terminals	4	PA66 GF30	Black	0100610	0300610	500
	Housing with terminals	6	PA66 GF30	Black	0100600	0300600	400
	Housing with terminals	8	PA66 GF30	Black	0100590	0300590	300
b	Cover with gasket	4	PA12	Natural	—	0300612	450
	Cover with gasket	6	PA12	Natural	—	0300602	80
	Cover with gasket	8	PA12	Natural	—	0300582	150

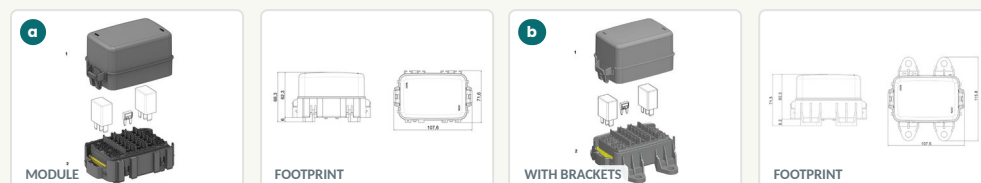
Custom Marine supports refit yards across the UAE with same-week supply on the references shown — 800BOATS.

Waterproof fuse & relay modules

MTA — SEALED PA66 MODULES WITH GASKETED TERMINALS AND A BLACK GF30 COVER

18 MINIVAL + 4 MICRO RELAY · SEALED

WP module — 18-way



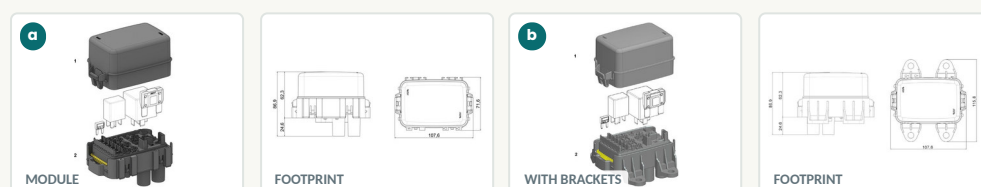
Eighteen MINIVAL cavities with four micro relay positions in the sealed format — the largest mini-blade waterproof module in the range. Plain or with integral mounting brackets.

	Description	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	PA66 GF30	Black	0101371	0301371	100
	18 MINIVAL + 4 micro relay module	PA66 MD25	Black	0101568	0301568	48
b	Cover	PA66 GF30	Black	—	0301377	100
	Same module with mounting brackets	PA66 MD25	Black	—	0301373	60

Connections and fixings: F280 WP with gaskets 0300690 and plugs 0300691, JPT WP and SPT WP.

6 MINIVAL + 1 MAXIVAL + 1 MINI + 3 MICRO RELAY

WP module — mini relay



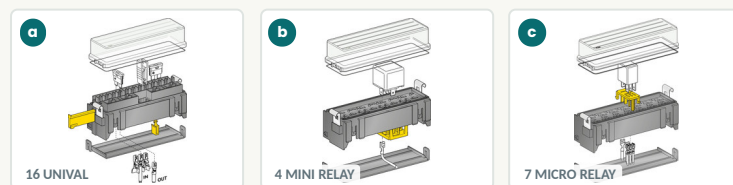
The sealed module built around a mini relay: six MINIVAL, one MAXIVAL, one mini relay and three micro relays. Plain or with integral mounting brackets.

	Description	Material	Colour	P/N box	P/N bulk	MOQ
a	Cover	PA66 GF30	Black	0101371	0301371	100
	6 MINIVAL + 1 MAXIVAL + 1 mini relay + 3 micro relay module	PA66 MD25	Black	0101569	0301569	60
b	Cover	PA66 GF30	Black	—	0301377	100
	Same module with mounting brackets	PA66 MD25	Black	—	0301374	45

Connections and fixings: F280 WP and F800 WP with gaskets and plugs, JPT WP and SPT WP.

PATENTED 130,2 MM BOX · 16 UNIVAL OR RELAYS

Fuse boxes



MTA's patented fuse box: a 130,2 mm square holder that takes sixteen UNIVAL blade fuses, four mini relays or seven micro relays, closed by a clear polycarbonate cover with gasket and a moulded bottom cover.

Body 130,2 × 130,2 mm, height 62,9 mm, holder depth 45,3 mm. Kit versions include cover, brackets and terminals.

	Description	Way	Material	Colour	P/N kit	P/N bulk	MOQ
a	UNIVAL holder	16	PA66 GF25	Black	0100655	0300650	36
b	Mini relay holder	4	PA66 GF25	Black	0100665	0300660	60
c	Micro relay holder	7	PA66 GF25	Black	0100705	0300700	100
d	Cover with gasket	—	PC	Natural	—	0300670	80
e	Bottom cover	—	PA66	Black	—	0300680	72

Kit inner box 16 pcs. Connections and fixings: UNI F630 terminals, bus bar, FASTON F630 with locking notch, FASTON F480 pitch 5, FASTON F630 thickness 0,35, gaskets 0300690, plugs 0300691 and 0300856.

Fuse & relay holders — in-line and panel

MTA — A HOLDER FOR EVERY FUSE FORMAT, FROM THE 41 MM MINI IN-LINE TO THE 123 MM MEGAVAL BLOCK

IN-LINE MINI FUSE · 41,4 MM

MINIVAL® in-line holder



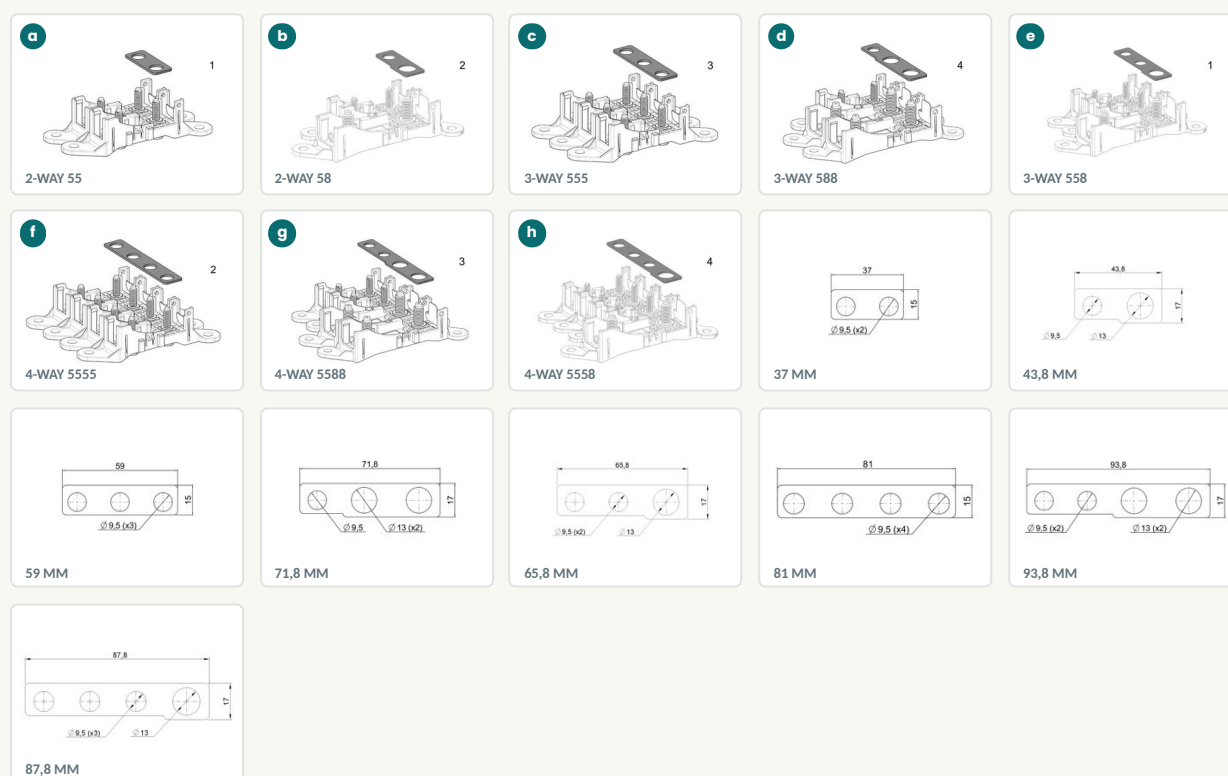
The smallest holder in the range: a two-part PA66 in-line housing for one MINIVAL, **41,4 mm** long, **16,2 mm** wide and **12,2 mm** deep, with a snap-on cover. Used to fuse a single instrument or accessory feed inside the loom.

	Description	Way	Material	Colour	P/N box	P/N bulk	P/N bulk
a	Housing	1	PA66	Black	0101400	0301400	0301410
b	Cover	—	PA66	Black	0100416	0300416	—

Box MOQ 5; bulk MOQ 200 (0301400), 2000 (0301410 and 0300416). Connections and fixings: fixing plates 0300395 and 0300398, JPT terminals.

CU-SN BUS BARS · 1,5 MM · 2 TO 7 WAY

Bus bars



Tinned copper bus bars, **1,5 mm** thick, that link the gangable holders into one fused block. The number in each description reads the stud sizes across the bar: **5** is an M5 MIDIVAL position, **8** an M8 MEGAVAL position.

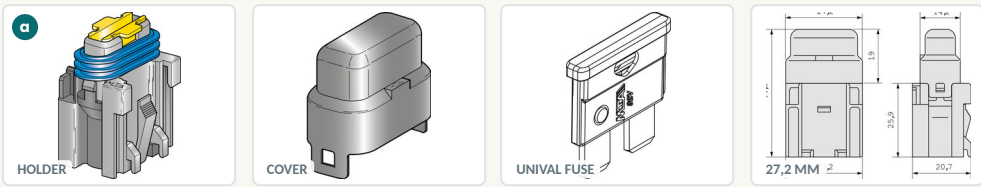
	Description	Material	Thickness	P/N bulk	MOQ
a	2-way bus bar 55 — 2 MIDIVAL	Cu-Sn	1,5 mm	0301509	200
b	2-way bus bar 58 — 1 MIDIVAL / 1 MEGAVAL	Cu-Sn	1,5 mm	0301252	200
c	3-way bus bar 555 — 3 MIDIVAL	Cu-Sn	1,5 mm	0301508	100
d	3-way bus bar 588 — 1 MIDIVAL / 2 MEGAVAL	Cu-Sn	1,5 mm	0301511	500
e	3-way bus bar 558 — 2 MIDIVAL / 1 MEGAVAL	Cu-Sn	1,5 mm	0301251	100
f	4-way bus bar 5555 — 4 MIDIVAL	Cu-Sn	1,5 mm	1600060	TBD
g	4-way bus bar 5588 — 2 MIDIVAL / 2 MEGAVAL	Cu-Sn	1,5 mm	0301512	500
h	4-way bus bar 5558 — 3 MIDIVAL / 1 MEGAVAL	Cu-Sn	1,5 mm	0301250	100

Every part on these pages can be supplied loose, in box packs or on production reels — 800BOATS.

Fuse & relay holders — in-line and panel

MTA — A HOLDER FOR EVERY FUSE FORMAT, FROM THE 41 MM MINI IN-LINE TO THE 123 MM MEGAVAL BLOCK

SPLASH PROOF · COLOUR-CODED SECONDARY LOCK
Splash proof UNIVAL® holder



A splash proof single-way UNIVAL holder supplied complete with cover and a **PBT GF20** secondary lock moulded in the fuse colour, so the rating of the way is identified from the outside.

Body 27,2 × 27,2 mm, height 44,9 mm, cover face 25,9 × 19 mm, spigot 14,2 mm.

	Secondary lock rating	Material	Colour	P/N box	P/N bulk	MOQ bulk
a	1 A	PBT GF20	Black	—	0301301	1200
	5 A	PBT GF20	Beige	0302305	0301305	1200
	7,5 A	PBT GF20	Brown	—	0301307	1200
	10 A	PBT GF20	Red	0302310	0301310	1200
	15 A	PBT GF20	Blue	0302315	0301315	1200
	20 A	PBT GF20	Yellow	0302320	0301320	1200
	25 A	PBT GF20	Natural	0302325	0301325	1200
	30 A	PBT GF20	Green	0302330	0301330	1200

Box MOQ 100. Kit 3050153 supplies terminals, gasket and fixing plate. Connections and fixings: 0300949, 0300856, 0300392, 0300440, 0300430, 0300698, 0300697, UNI F630 terminals plain and with clip, gaskets 4507770 and 4507771.

MIDIVAL, MEGACOMPACT & MEGAVAL · GANGABLE
Gangable holders



Three single-fuse holders in **PA66 GF30** that dovetail together to build a multiple fuse block of any length. Footprints: MIDIVAL 105 × 36 mm, MEGACOMPACT 117 × 36 mm, MEGAVAL 126,2 × 45 mm; stud pitch 88 mm, 100 mm and 109 mm respectively.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	MIDIVAL holder	1	PA66 GF30	Black	0101499	0301499	200
b	MEGACOMPACT holder	1	PA66 GF30	Black	0101497	0301497	150
c	MEGAVAL holder	1	PA66 GF30	Black	0101498	0301498	100

Box MOQ 20. Connections and fixings: MIDI M5, ring STD137, tubolar, MEGA M8 polarity A and MEGA M8 polarity B terminals.

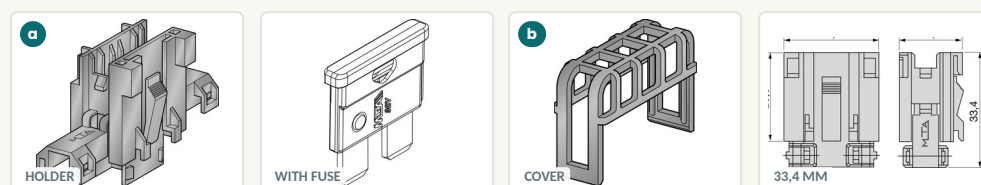
Technical drawings, mounting dimensions and 3D models are available on request — custommarine.ae.

Fuse & relay holders — in-line and panel

MTA — A HOLDER FOR EVERY FUSE FORMAT, FROM THE 41 MM MINI IN-LINE TO THE 123 MM MEGAVAL BLOCK

PANEL HOLDER · 33,4 MM · ONE UNIVAL

UNIVAL® holder



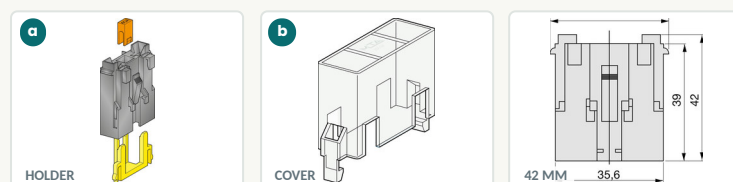
The standard single-way UNIVAL holder in PA66, 27,2 mm across the flange and 33,4 mm high, with a PA66 GF30 cover. Available in black or brown so the positive and negative side of a circuit can be told apart on the panel.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Holder	1	PA66	Black	0100400	0300400	500
	Holder	1	PA66	Brown	—	0300402	500
b	Cover	—	PA66 GF30	Black	0100415	0300415	1000

Box MOQ 25. Connections and fixings: 0300949, 0300856, 0300392, 0300440, 0300430, 0300698, 0300697 and UNI F630 terminals.

OPEN 42 MM HOLDER · CLEAR COVER

MAXIVAL® holder



The open MAXIVAL holder with a clear polycarbonate cover and the same colour-coded identification inserts as the splash proof version. Body 39 × 35,6 mm, height 42 mm, cover land 17,3 mm.

	Description	Material	Colour	P/N box	P/N bulk	MOQ
a	Holder + secondary lock	PA66 GF25 / PA66 GF30	Black / yellow	0100390	0300390	1200
b	Cover	PC	Natural	0100391	0300391	650
c	Identification insert 30 A	PBT GF20	Green	—	0301030	1500
	Identification insert 40 A	PBT GF20	Orange	—	0301040	1500
	Identification insert 50 A	PBT GF20	Red	—	0301050	1500
	Identification insert 60 A	PBT GF20	Blue	—	0301060	1500
	Identification insert 70 A	PBT GF20	Beige	—	0301070	1500
	Identification insert 80 A	PBT GF20	Natural	—	0301080	1500

Holder box MOQ 50, cover box MOQ 10. Kit with terminals 3001001, MOQ 25.

SEALED MAIN-FUSE CARRIER

Waterproof MEGAVAL® holder



The sealed MEGAVAL carrier in PA66 GF25, with the fuse studs standing proud of a gasketed base and a hinged cover. The extended-cover version gives clearance for a heavier cable lug under the cover.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	WP MEGAVAL holder	1	PA66 GF25	Black	0301502	24
b	WP MEGAVAL holder with extended cover	1	PA66 GF25	Black	0301152	24

Connections and fixings: tubular terminals.

Fuse & relay holders — in-line and panel

MTA — A HOLDER FOR EVERY FUSE FORMAT, FROM THE 41 MM MINI IN-LINE TO THE 123 MM MEGAVAL BLOCK

WITH TERMINALS, CABLES OR SECONDARY LOCK

UNIVAL® holder — cabled



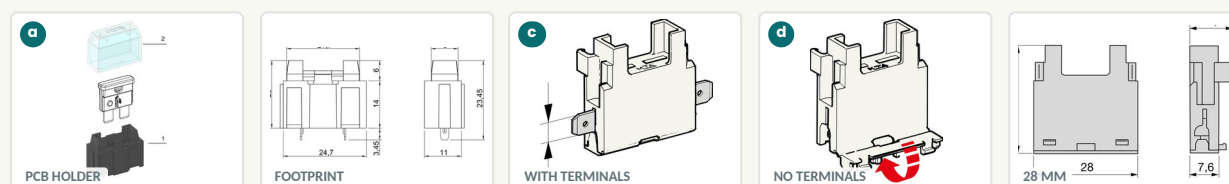
The same UNIVAL body supplied three ways: pre-fitted with terminals, with a yellow secondary lock and no terminals, or complete with terminals and flying leads. A clear polycarbonate cover lets the element be checked without opening the holder.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Holder with terminals	1	PA66	Black	0100351	0300351	1250
	Holder with secondary lock, without terminals	1	PA66	Black	—	0300354	1000
	Holder with terminals and cables	1	PA66	Black	0100350	—	25
b	Cover	—	PC	Clear	0100359	0300359	500
c	Secondary lock	—	PA66	Yellow	—	0300357	250

Kit with cover, terminals, fixing plate and extractor, in blister: 0100353, MOQ 20. Connections and fixings: fixing plate 0300352 and UNI F630 terminals.

PCB AND 6,3 MM FASTON IN-LINE HOLDERS

UNIVAL® PCB & in-line



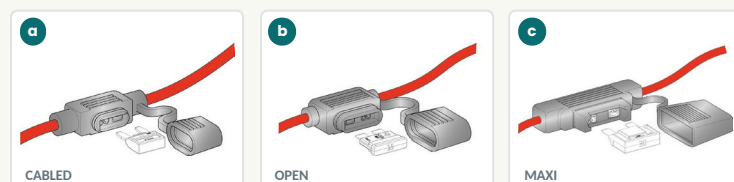
Two more UNIVAL formats: a **PA66 GF30** holder for direct mounting on a printed circuit board, and a **6,3 mm** faston in-line holder that clips over two flag terminals — **29 mm** long, **11,8 mm** wide, body **28 × 7,6 mm**.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	PCB holder	1	PA66 GF30	Black	0100420	0300420	1000
b	Cover	1	PC	Natural	0100359	0300359	500
c	In-line fuseholder with terminals	1	PA66	Black	—	0300341	1000
d	In-line fuseholder without terminals	1	PA66	Black	—	0300342	2500

PCB holder box MOQ 5, cover box MOQ 25 with inner box 250 pcs. Connections and fixings: FASTON F630 flag terminals.

FACTORY-CABLED · MINI, STANDARD & MAXI BLADE

Waterproof cabled holders



Three ready-made waterproof in-line fuseholders supplied with the cable already terminated and sealed — the quickest way to fuse a new circuit in an exposed position without making up a joint on board.

	Description	Cable	Length	P/N box	P/N bulk	MOQ box
a	WP MINIVAL fuseholder with cable	4 mm ²	140 mm	0100335	—	5
b	WP UNIVAL fuseholder with cable	4 mm ²	138 mm	0100336	0300336	5
c	WP MAXIVAL fuseholder with cable	8 mm ²	132 mm	0100337	—	1

Bulk MOQ 500 on the UNIVAL version.

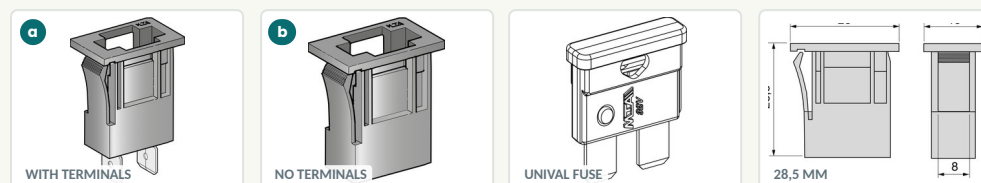
Complete distribution assemblies are built and tested to your schematic before they reach the vessel — 800BOATS.

Fuse & relay holders — in-line and panel

MTA — A HOLDER FOR EVERY FUSE FORMAT, FROM THE 41 MM MINI IN-LINE TO THE 123 MM MEGAVAL BLOCK

MODULE-INSERTABLE · 28,5 MM

UNIVAL® insertable holder



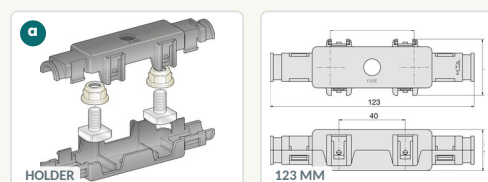
A UNIVAL holder that inserts into a module or panel cut-out rather than mounting on a flange. **PA66 GF25** body, **28,5 mm** deep, **15 mm** wide, **28 mm** across the fuse face, with or without terminals.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Holder with terminals	1	PA66 GF25	Black	0300330	1000
b	Holder without terminals	1	PA66 GF25	Black	0300331	1000
c	Secondary lock	—	PA66	Yellow	0300357	250

Connections and fixings: UNI F630 terminals.

OPEN BLOCK · 123 MM · TWO FUSE POSITIONS

MEGAVAL® holder



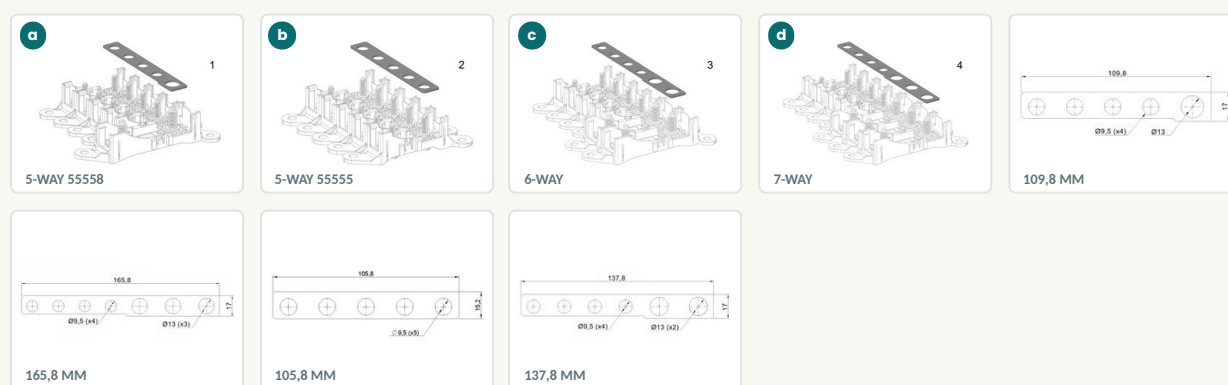
The open MEGAVAL block in **PA66 GF30**: **123 mm** long over the mounting feet with the fuse studs on **50,8 mm** centres, body **40 mm** wide, **33,6 mm** high, mounting face **24,6 mm**.

	Description	Way	Material	Colour	P/N	MOQ
a	MEGAVAL holder	1	PA66 GF30	Black	0300380	50
	Kit with terminals, screws and nuts	1	—	—	0100380	1

Kit inner box 10 pcs. Connections and fixings: fixing plates 0300395 and 0300398, MEGA L34 terminals.

CU-SN BUS BARS · 5, 6 AND 7 WAY

Bus bars — long



The long bus bars, up to seven fused ways from one input. Hole patterns are shown to scale on the drawings: **Ø 9,5 mm** at the MIDIVAL positions and **Ø 13 mm** at the MEGAVAL positions.

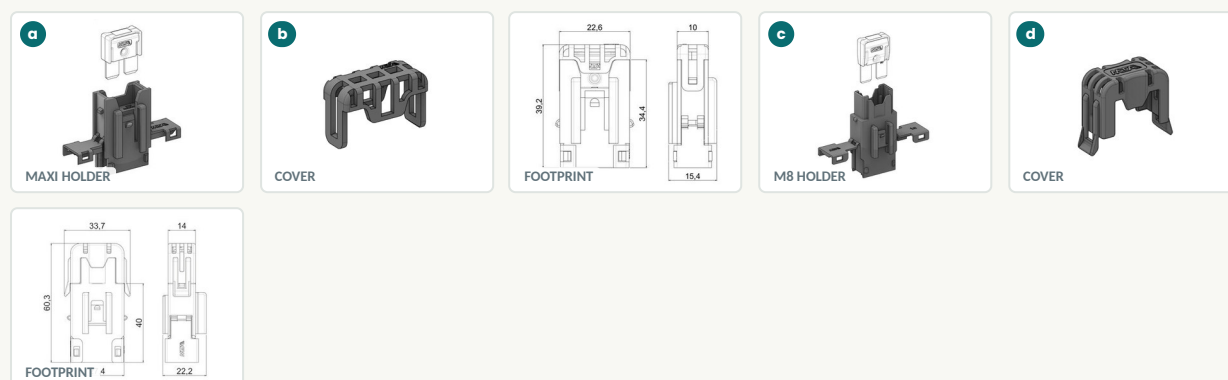
	Description	Material	Thickness	P/N bulk	MOQ
a	5-way bus bar 55558 — 4 MIDIVAL / 1 MEGAVAL	Cu-Sn	1,5 mm	0301249	100
b	5-way bus bar 55555 — 5 MIDIVAL	Cu-Sn	1,5 mm	0301227	100
c	6-way bus bar 555588 — 4 MIDIVAL / 2 MEGAVAL	Cu-Sn	1,5 mm	0301225	100
d	7-way bus bar 5555888 — 4 MIDIVAL / 3 MEGAVAL	Cu-Sn	1,5 mm	0301226	100

Bolt-down blade holders

MTA — PA66 HOLDERS AND COVERS FOR THE MAXICOMPACT AND M8COMPACT ELEMENTS

MAXICOMPACT® AND M8COMPACT® HOLDERS

Bolt-down holders



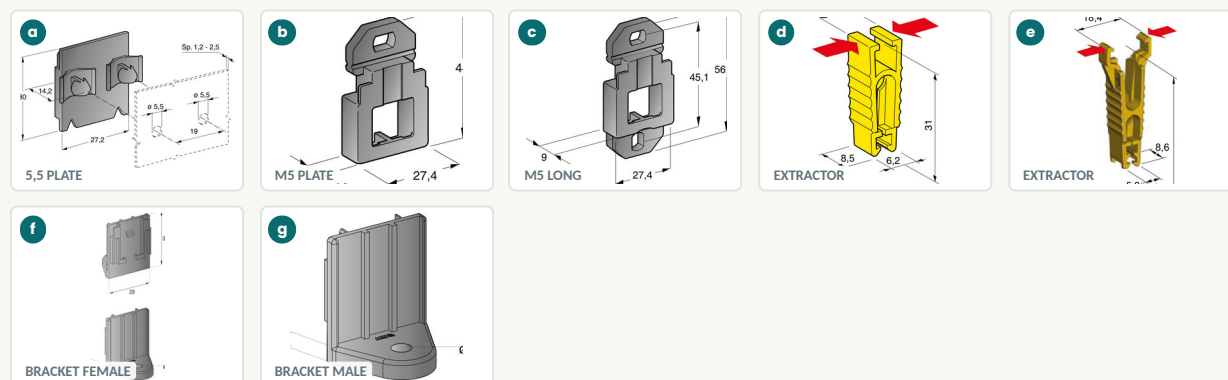
A moulded PA66 holder and a matching cover for each bolt-down blade format. The MAXICOMPACT holder measures $39,2 \times 22,6$ mm with a $34,4$ mm body and a $15,4$ mm spigot; the M8COMPACT holder is $60,3 \times 33,7$ mm with a 40 mm body and a $27,4$ mm mounting face.

	Description	Way	Material	Colour	P/N box	MOQ
a	MAXICOMPACT holder	1	PA66	Black	0101881	40
b	MAXICOMPACT cover	1	PA66	Black	0101882	50
c	M8COMPACT holder	1	PA66	Black	0101883	50
d	M8COMPACT cover	1	PA66	Black	0101884	50

Connections and fixings: F630E terminals and fixing plates 0300395 / 0300398 for MAXICOMPACT; F800 with clip and the same fixing plates for M8COMPACT.

SCREW-FIXED PLATES & THE BLADE EXTRACTOR

Fixing plates & extractor



The screw-fixed plates carry a holder on a bulkhead: a $5,5$ mm clearance plate $27,2 \times 30$ mm, and two M5 plates $27,4 \times 44$ mm and $27,4 \times 56,5$ mm. The yellow PP extractor pulls a blade fuse out of a crowded board without a screwdriver.

The $5,5$ mm male and female bracket pair, 35×29 mm, completes the range.

	Description	Screw / Ø	Material	Colour	P/N box	P/N bulk	MOQ
a	Fixing plate	5,5	PA66	Black	0100392	0300392	2000
b	Fixing plate	M5	PA66	Black	0100430	0300430	1000
c	Fixing plate	M5	PA66	Black	0100440	0300440	250
d	Extractor for blade fuse	—	PP	Yellow	0100358	0300358	3000
e	Extractor for blade fuse	—	PP	Yellow	—	0300353	2000
f	Mounting bracket female	5,5	PA66	Black	—	0300698	100
g	Mounting bracket male	5,5	PA66	Black	—	0300697	100

Fixing plate box MOQ 10 with inner box 120 pcs (0100392) or 100 pcs (0100430, 0100440); extractor box MOQ 25 with inner box 600 pcs.

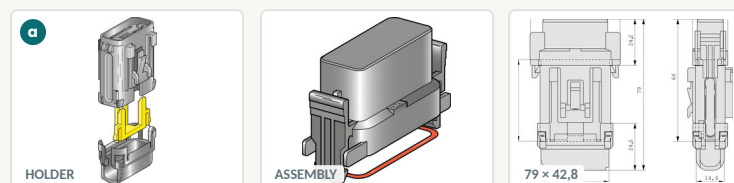
Custom Marine stocks the matching terminals, seals and tooling for every connector system in this chapter — 800BOATS.

Bolt-down blade holders

MTA — PA66 HOLDERS AND COVERS FOR THE MAXICOMPACT AND M8COMPACT ELEMENTS

SPLASH PROOF · 40 A · COLOUR-CODED INSERTS

Splash proof MAXIVAL® holder



The sealed MAXIVAL holder: a **PA66 GF25** body with a yellow **PA66 GF30** secondary lock, a gasketed cover and a bottom cover, plus a snap-in identification insert moulded in the fuse colour.

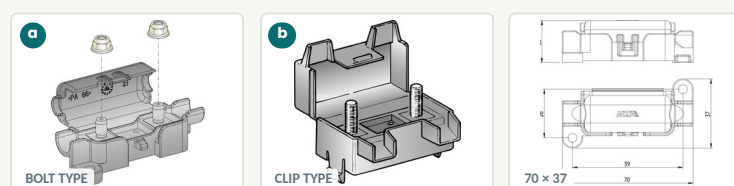
Body **47 × 34 mm**, overall **79 × 42,8 mm** with the cover, height **24,5 mm**, insert **35,9 × 14,6 mm**.

	Description	Material	Colour	P/N bulk	MOQ	P/N bulk	MOQ
a	Holder + secondary lock	PA66 GF25 / PA66 GF30	Black / yellow	0321000	250	0301000	800
b	Cover with gasket	PA66	Black	0321210	500	0301210	1500
c	Bottom cover	PA66	Black	0321200	250	0301200	1500
d	Identification insert 30 A	PBT GF20	Green	—	—	0301030	1500
	Identification insert 40 A	PBT GF20	Orange	—	—	0301040	1500
	Identification insert 50 A	PBT GF20	Red	—	—	0301050	1500
	Identification insert 60 A	PBT GF20	Blue	—	—	0301060	1500
	Identification insert 70 A	PBT GF20	Beige	—	—	0301070	1500
	Identification insert 80 A	PBT GF20	Natural	—	—	0301080	1500

MTA lists two bulk references for the holder and covers, differing only in minimum order quantity; both columns are bulk, neither is a boxed pack. Kit with terminals 0101005, MOQ 50. Connections and fixings: 0300949, 0300856, 0300392, 0300440, 0300430 and F800 terminals.

BOLT TYPE AND CLIP TYPE · 70 MM

MIDIVAL® holder



Two ways of holding a MIDIVAL: the **bolt type** holder supplied with nuts, and the **clip type** that snaps over the fuse tags, with or without nuts.

Body **70 mm** long, **37 mm** wide, **26 mm** high; stud centres **59 mm**, mounting face **51,6 × 29 mm**.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	MIDIVAL holder bolt type with nuts	1	PA66	Black	0100360	0300360	200
b	MIDIVAL holder clip type without nuts	1	PA66	Black	—	0300370	200
	MIDIVAL holder clip type with nuts	1	PA66	Black	0100370	—	5

Bolt type box MOQ 75. Connections and fixings: MIDI terminals.

SINGLE STUD · MIDIVAL & MEGAVAL

Single stud holders



The single stud version of the gangable holder, for the position at the end of a block or where only one fuse is required. Same dovetail, same footprints: MIDIVAL **105 × 36 mm**, MEGAVAL **126,2 × 45 mm**.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Single stud MIDIVAL holder	1	PA66 GF30	Black	0101224	0301224	200
b	Single stud MEGAVAL holder	1	PA66 GF30	Black	0101223	0301223	100

Box MOQ 20. Connections and fixings: MIDI M5, tubular, MEGA M8 polarity A and polarity B terminals.

MIDIVAL® and MEGAVAL® holders

MTA — BOLT AND CLIP TYPE HOLDERS, WATERPROOF IN-LINE HOUSINGS AND THE 48 V VERSION

WATERPROOF IN-LINE MEGAVAL® HOUSING

WP in-line MEGAVAL®



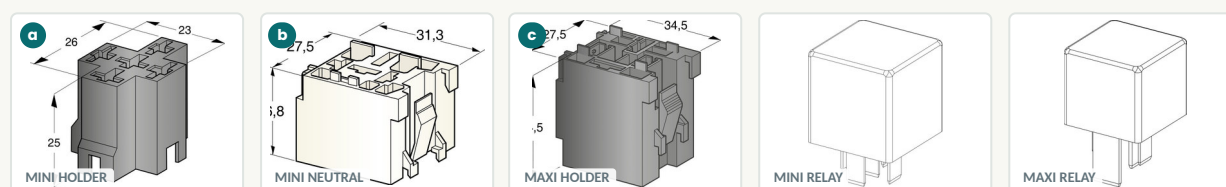
A fully sealed in-line MEGAVAL housing in **PA66 GF30 + TPE**, closing on a moulded tube retainer at each end. **150,5 mm** long overall, **30,5 mm** deep — the housing to specify when the battery main has to run through an exposed or flooded compartment.

	Description	Way	Material	Colour	P/N	MOQ
a	WP in-line MEGAVAL holder	1	PA66 GF30 + TPE	Black	0301751	TBD
b	Cover	1	PA66 GF30 + TPE	Black	0301750	TBD
c	Tube retainer	—	PA6-GF35	Black	0301752	TBD
d	Kit with screws and retainers	—	—	Black	0100010	TBD

Connections and fixings: 1600068, 1600069, 1607511, CSA parts 0301754 and 0301753, and gaskets 0301755-59.

PANEL RELAY SOCKETS · MINI & MAXI

Relay holders



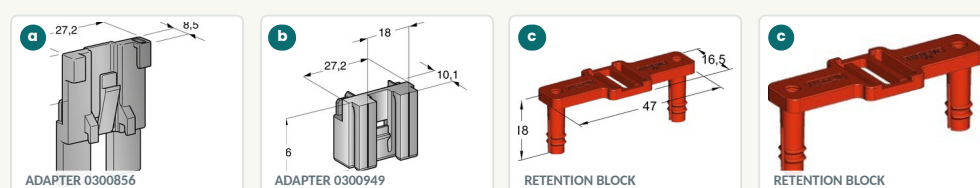
Moulded PA sockets for the mini and maxi relay footprints. The mini holder is **27,5 × 26 mm** and **25 mm** high; the maxi holder **34,5 × 31,3 mm**. Both accept faston terminals with a locking notch so the relay cannot back out under vibration.

	Description	Material	Colour	P/N box	MOQ
a	Mini relay holder	PA	Black	4410246	50
b	Mini relay holder	PA	Neutral	4410245	50
c	Maxi relay holder	PA	Black	4410247	50

Connections and fixings: F630, F630 with locking notch, anti-slide F630, FASTON F950 with locking notch, and fixing plates 0100392, 0100440 and 0100430.

HOLDER MOUNTING ADAPTERS

Adapters



Two **PA66 GF25** adapters clip onto the back of a UNIVAL or MAXIVAL holder and convert it to a rail or bracket mounting; the red **PP GF30-HB** retention block locks a group of holders together.

Adapter 1 **27,2 × 38,9 mm**, **8,5 mm** deep; adapter 2 **27,2 × 26 mm**, **10,1 mm** deep; retention block **47 × 18 mm**, **16,5 mm** deep.

	Description	Material	Colour	P/N bulk	MOQ
a	Adapter	PA66 GF25	Black	0300856	1000
b	Adapter	PA66 GF25	Black	0300949	1500
c	Retention block without bolts	PP GF30-HB	Red	9450168	5000

Talk to Custom Marine early — the fusing plan is easiest to get right before the loom is cut — 800YACHTS.

MIDIVAL® and MEGAVAL® holders

MTA — BOLT AND CLIP TYPE HOLDERS, WATERPROOF IN-LINE HOUSINGS AND THE 48 V VERSION

CABLE STRAIN ADAPTERS & SEALING GASKETS

CSA & gaskets

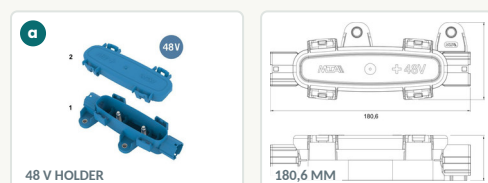


The strain adapters and silicone gaskets that close the waterproof in-line housings. Gaskets are colour coded by cable diameter; fit one to every occupied entry.

	Description	Material	Colour	P/N	MOQ
a	CSA M6	PA6-GF35	Black	0301754	TBD
b	CSA	PA6-GF35	Black	0301753	TBD
c	Gasket	Silicon	Yellow	0301755	TBD
	Gasket	Silicon	Red	0301756	TBD
	Gasket	Silicon	Pink	0301757	TBD
	Gasket	Silicon	Green	0301758	TBD
	Gasket	Silicon	Violet	0301759	TBD

48 V WATERPROOF · BLUE PA6-GF25 · 180,6 MM

WP MEGAVAL® holder 48 V



The 48 V version of the sealed MEGAVAL carrier, moulded in blue PA6-GF25 and marked +48 V so it cannot be confused with a 12 V unit. 180,6 mm long, 69,5 mm wide, 40,2 mm high.

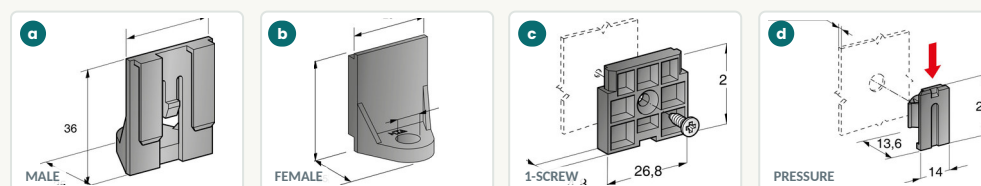
	Description	Way	Material	Colour	P/N	MOQ
a	MEGAVAL holder 48 V waterproof	1	PA6-GF25	Blue	0300070	120
b	Cover	1	PA6-GF25	Blue	0300071	104

Use the 70 V rated MEGAVAL CU element in this holder. A 32 V element will not interrupt a fault on a 48 V bank.

Connections and fixings: 1607511, gasket 0300558 and tube retainer 0301199.

BRACKETS AND SNAP-IN PLATES

Fixing plates — small



The small mounting parts: a male and female bracket pair that lets a holder be clipped on and off, a single-screw fixing plate, and two pressure plates that push into a 6,5 mm or 8 mm panel hole.

Male and female brackets take an Ø 8,5 mm spigot; the pressure plate suits panel thicknesses 1,2 – 2,5 mm.

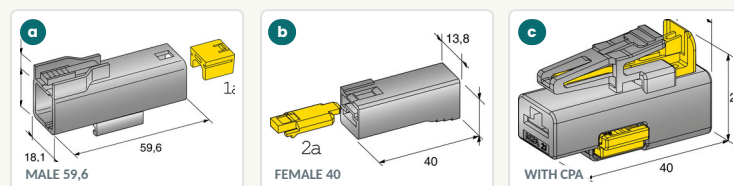
	Description	Ø mm	Material	Colour	P/N bulk	MOQ
a	Mounting bracket male	8,5	PA66	Black	0300690	100
b	Mounting bracket female	8,5	PA66	Black	0300691	100
c	Fixing plate with 1 screw	3,6	PP GF30	Black	0300352	1000
d	Fixing plate by pressure	6,5	PA66	Black	0300395	1000
	Fixing plate by pressure	8,0	PA66	Black	0300398	1000

POWER connectors — 1, 2 and 3 way

MTA — THE M800 / F800 8 MM POWER SYSTEM, POLARISED AND KEYED SO A LOOM CANNOT BE CROSS-PLUGGED

M800 / F800 TERMINALS · 59,6 MM

1-way POWER



The single-way POWER connector: an **8 mm** contact in a **PA66 GF25** holder. The male body is **59,6 mm** long and **18,1 mm** across; the female is **40 mm** long. The **GF30** female with a connector position assurance (CPA) latch cannot be left half-mated.

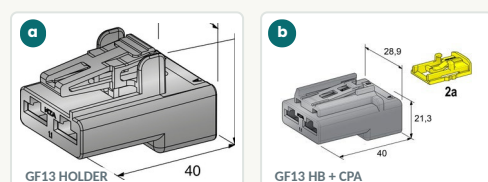
Every holder takes a yellow **secondary lock** that captures the terminal after insertion.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder	1	PA66 GF25	Black	4540205	1200
b	Female holder	1	PA66 GF25	Black	4540105	2400
c	Female holder with secondary lock and CPA	1	PA66 GF30	Black	4540150	700
	Secondary lock	—	PA66	Yellow	4545200	5000
	Secondary lock	—	PA66	Yellow	4545100	10000

Connections and fixings: M800 and F800 terminals, fixing plates 0300395 and 0300398.

GF13 SERIES · 40 MM · F800 TERMINALS

2-way POWER GF13



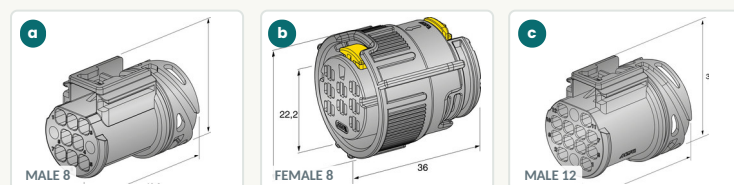
A lighter two-way female in **PA66 GF13** and a flame-retardant **GF13 HB** grade, both polarised blue or green and both taking a yellow CPA. Body **40 × 28,9 mm**, **25,3 mm** deep.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Female holder polarized	2	PA66 GF13	Blue	4540500	600
	Female holder polarized	2	PA66 GF13	Green	4540501	600
	CPA	2	PA66 GF30	Yellow	4545300	2400
b	Female holder polarized	2	PA66 GF13 HB	Blue	4540502	1200
	Female holder polarized	2	PA66 GF13 HB	Green	4540503	1200
	CPA	2	PA66 GF30	Yellow	4540303	8000

Connections and fixings: F800 terminals.

MULTIPOLE 2,8 SYSTEM · 8 AND 12 WAY

RC 280 holders



The RC 280 multipole block: eight or twelve **2,8 × 0,8 mm** tabs in a round **PA66 GF30** shell with a hinged latch. Male eight-way **31,4 × 40,9 mm**, twelve-way **36 × 40,9 mm**; female eight-way **33 mm** across with a **22,2 mm** spigot.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder for tabs 2,8 × 0,8	8	PA66 GF30	Black	4510970	500
b	Female holder for BDK & BSK terminals	8	PA66 GF30	Black	4510870	120
c	Male holder for tabs 2,8 × 0,8	12	PA66 GF30	Black	4510975	350

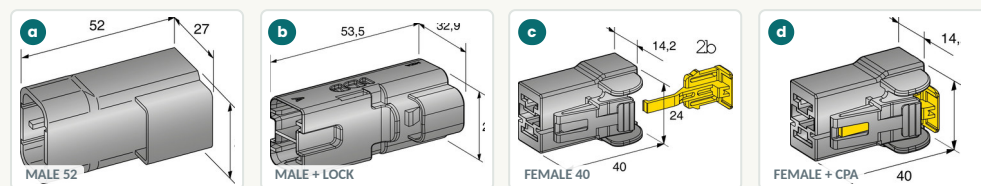
Cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae.

POWER connectors — 1, 2 and 3 way

MTA — THE M800 / F800 8 MM POWER SYSTEM, POLARISED AND KEYED SO A LOOM CANNOT BE CROSS-PLUGGED

POLARISED BY COLOUR · 52 MM MALE

2-way POWER



The two-way POWER connector, moulded in **PA66 GF30** and keyed by colour so a blue plug will not enter a green socket. Male body **52 × 28,2 mm**, **27 mm** deep; female **40 × 24 mm**, **14,2 mm** deep.

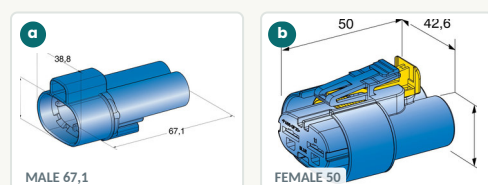
Four female colours and three male colours are stocked, plus a version with an integral CPA latch.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder	2	PA66 GF30	Black	4540405	600
b	Male holder polarized	2	PA66 GF30	Blue	4540410	600
	Male holder polarized	2	PA66 GF30	Green	4540430	600
c	Female holder	2	PA66 GF30	Black	4540305	1200
	Female holder polarized	2	PA66 GF30	Blue	4540315	1200
	Female holder polarized	2	PA66 GF30	Grey	4540345	1200
	Female holder polarized	2	PA66 GF30	Green	4540325	1200
d	Female holder polarized with CPA	2	PA66 GF30	Blue	4540312	1200
	Secondary lock	—	PA66 GF30	Yellow	4545400	1200
	Secondary lock	—	PA66	Yellow	4545100	10000
	CPA	—	PA66 GF30	Yellow	4545300	2400

Connections and fixings: M800 and F800 terminals, fixing plates 0300395 and 0300398.

WP M800 / WP F800 · 67,1 MM · WITH GASKET AND CPA

2-way POWER waterproof



The sealed two-way POWER connector: a **67,1 mm** male body with an integral cable seal boot and a **50 mm** female carrying the gasket and CPA. Colour keyed blue, green or black.

Male **38,8 × 31,7 mm**; female **42,6 mm** across, **17,2 mm** deep.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder	2	PA66 GF30	Blue	4540210	600
	Male holder	2	PA66 GF30	Green	4540211	600
	Male holder	2	PA66 GF30	Black	4540212	600
b	Female holder with gasket and CPA	2	PA66 GF30	Blue	4540110	500
	Female holder with gasket and CPA	2	PA66 GF30	Green	4540111	500
	Female holder with gasket and CPA	2	PA66 GF30	Black	4540112	500

Connections and fixings: WP M800 and WP F800 terminals, fixing plates 0300395 and 0300398.

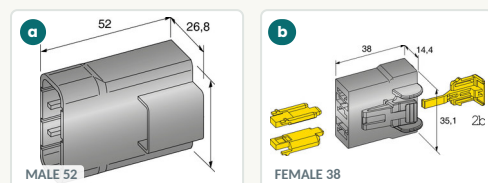
Bulk and reel quantities for production build are available against schedule — 800BOATS.

POWER connectors — 1, 2 and 3 way

MTA — THE M800 / F800 8 MM POWER SYSTEM, POLARISED AND KEYED SO A LOOM CANNOT BE CROSS-PLUGGED

THREE 8 MM CONTACTS · 52 MM MALE

3-way POWER



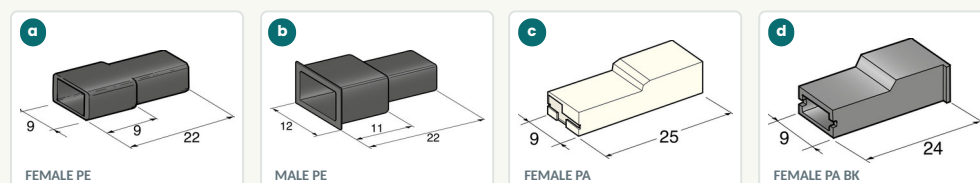
The three-way POWER connector. Male $52 \times 39,8$ mm, 26,8 mm deep in PA66 GF25; female $38 \times 35,1$ mm, 14,4 mm deep in PA66 GF30, plain or polarised blue or grey.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder	3	PA66 GF25	Black	4540805	600
b	Female holder	3	PA66 GF30	Black	4540705	1200
	Female holder polarized	3	PA66 GF30	Blue	4540715	1200
	Female holder polarized	3	PA66 GF30	Grey	4540735	1200
	Secondary lock	—	PA66 GF30	Yellow	4545800	1200
	Secondary lock	—	PA66	Yellow	4545100	10000
	CPA	—	PA66 GF30	Yellow	4545300	2400

Connections and fixings: M800 and F800 terminals, fixing plates 0300395 and 0300398.

WEATHER PROTECTION FOR 6,3 TERMINALS

Terminal covers



Slip-on covers that insulate and weatherproof an individual 6,3 mm faston joint. The PE covers are colour coded so a circuit can be identified at the joint; PA covers are used where the joint runs hot.

PE covers 22 mm long over a 9 mm body; PA covers 25 mm and 24 mm.

	Description	Material	Colour	P/N box	MOQ
a	Female 6,3 cover	PE	Black	4410070	200
	Female 6,3 cover	PE	Yellow	4410072	200
	Female 6,3 cover	PE	Blue	4410073	200
	Female 6,3 cover	PE	Red	4410074	200
	Female 6,3 cover	PE	Neutral	4410076	200
b	Male 6,3 cover	PE	Black	4410080	200
	Male 6,3 cover	PE	Red	4410084	200
	Male 6,3 cover	PE	Neutral	4410086	200
c	Female 6,3 cover	PA	Neutral	4410077	200
d	Female 6,3 cover	PA	Black	4420800	50

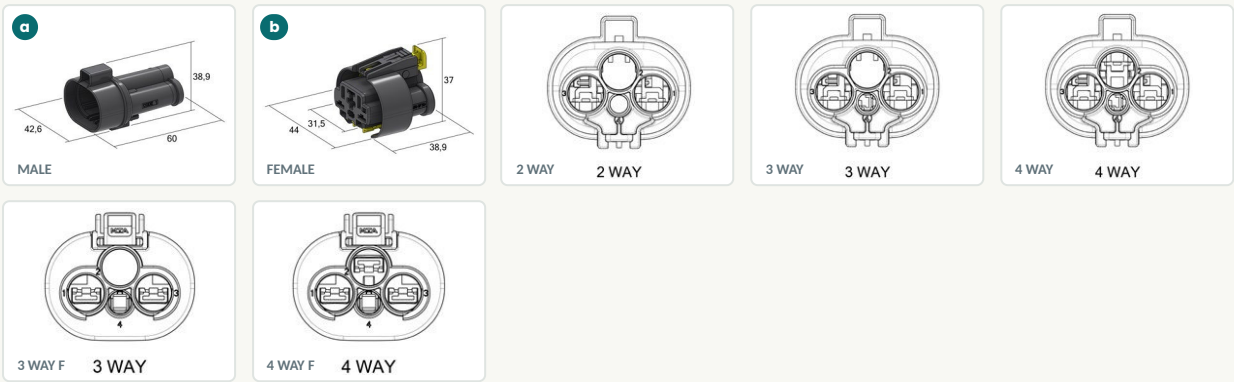
Connections and fixings: FASTON F630 and M630 terminals.

Custom Marine can supply any item on this page as part of a complete panel build — 800BOATS.

Sealed POWER connectors

MTA — GASKETED 2, 3 AND 4-WAY HOUSINGS FOR THE 8 MM POWER SYSTEM AND THE 6,3 / 2,8 MM WP SERIES

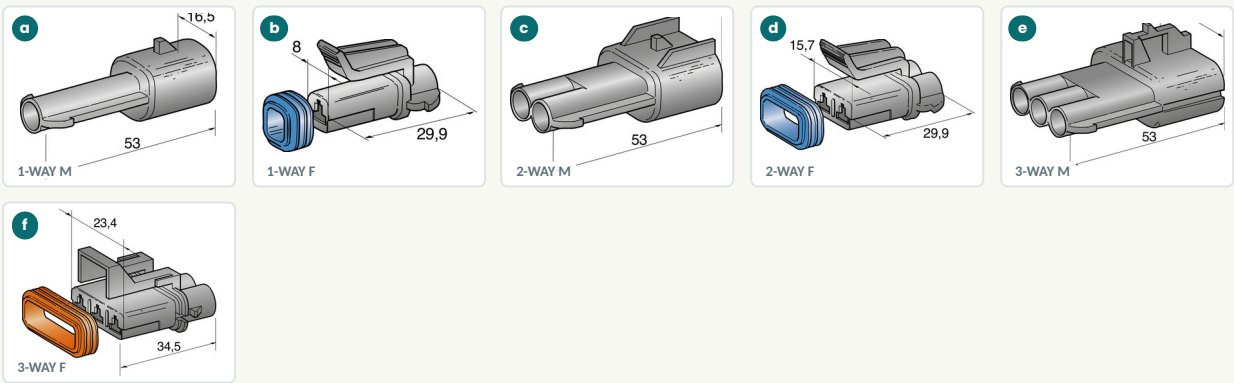
SEALED 2, 3 AND 4-WAY · M630 WP / F280 WP
POWER waterproof multi-way



Sealed **PA66 GF30** housings in two, three and four way with the cavity patterns shown in the end views. They take **M630 WP**, **JPT WP M280**, **F630E WP** and **F280 WP** terminals, each with its own wire seal.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Male holder	2	PA66 GF30	Black	4551900	500
	Male holder	3	PA66 GF30	Black	4540817	500
	Male holder	4	PA66 GF30	Black	4551899	500
b	Female holder with gasket	3	PA66 GF30	Black	4540816	500
	Female holder with gasket	4	PA66 GF30	Black	4551897	500

SEALED 2,8 MM SYSTEM · 1 TO 3 WAY
SEAL 2,8



The sealed **2,8 mm** system for higher-current sealed circuits, taking **METRIPACK M280** and **F280** terminals. One, two and three way, male and female, in PA 66.

	Description	Way	Material	Colour	P/N box	MOQ
a	SEAL 2,8 male holder	1	PA 66	Black	4423520	5
b	SEAL 2,8 female holder	1	PA 66	Black	4423510	5
c	SEAL 2,8 male holder	2	PA 66	Black	4423540	5
d	SEAL 2,8 female holder	2	PA 66	Black	4423530	5
e	SEAL 2,8 male holder	3	PA 66	Black	4423560	5
f	SEAL 2,8 female holder	3	PA 66	Black	4423550	5

Connections and fixings: **METRIPACK M280** and **METRIPACK F280** terminals.

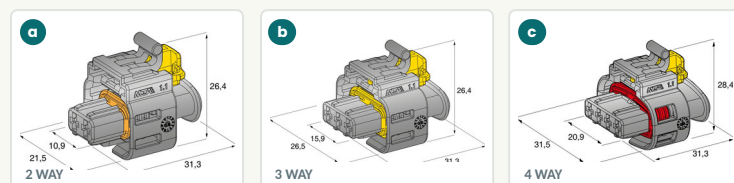
Specification support, drawings and sample parts are available to naval architects and yards — custommarine.ae.

HP6, C 280 and RC 280 multipole connectors

MTA — THE 2,8 MM BLADE SYSTEM IN 2 TO 12 WAY, CODED SO IDENTICAL HOUSINGS CANNOT BE SWAPPED

HIGH-PERFORMANCE 2,8 SYSTEM · 2, 3 & 4 WAY

HP6 holders



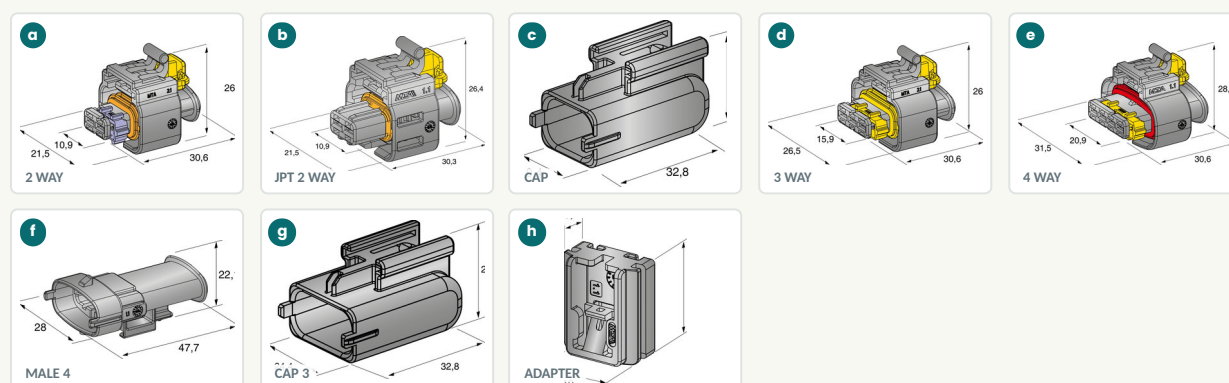
The HP6 female holders in **PA66 GF30**, coded I and II so two three-way looms cannot be crossed. Bodies **26,4 × 31,3 mm** (2 and 3 way) and **28,4 × 31,3 mm** (4 way); depths **10,9, 15,9 and 20,9 mm**.

	Description	Way	Material	Colour	P/N bulk	MOQ
a	Female holder	2	PA66 GF30	Black	4510840	2500
b	Female holder code I	3	PA66 GF30	Black	4510881	2000
c	Female holder code II	3	PA66 GF30	Black	4510880	2000
c	Female holder code I	4	PA66 GF30	Black	4510891	1600

Connections and fixings: HP6 280 terminals.

C 280 · 2, 3 AND 4-WAY · BDK, BSK & JPT

C 280 holders



The C 280 family takes **BDK**, **BSK** and **JPT** terminals in a **PA66 GF30** housing, with the secondary lock moulded violet or yellow to distinguish otherwise identical bodies. Sealing caps and a mounting adapter complete the range.

Two-way **26,4 × 30,6 mm**; three-way **30,6 × 26,4 mm**; four-way **30,6 × 28,4 mm**.

	Description	Way	S.lock	Colour	P/N bulk	MOQ
a	Female holder for BDK & BSK terminals	2	Violet	Black	4510801	2500
b	Female holder for JPT terminals	2	—	Black	4510830	2500
c	Cap for connectors 4510801/830	2	—	Black	4510802	2000
d	Female holder for BDK & BSK terminals	3	Yellow	Black	4510810	2000
e	Female holder for BDK & BSK terminals	3	Violet	Black	4510811	2000
e	Female holder for BDK & BSK terminals	4	Yellow	Black	4510820	1600
e	Female holder for BDK & BSK terminals	4	Violet	Black	4510821	1600
f	Male holder for 4510821	4	—	Black	4510921	2000
g	Cap for connectors 4510810/811	3	—	Black	4510812	2800
h	Adapter for 4510921	—	—	Black	0300489	2500

All housings are moulded in PA66 GF30, black.

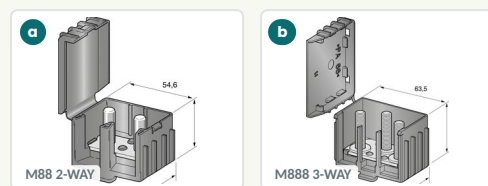
Custom Marine holds the fast-moving MTA references in Dubai and builds distribution units to your circuit schedule — 800BOATS.

Loom junction blocks & joints

MTA — SCREW BRANCH KNOTS AND THE 9-WAY AND 18-WAY JOINT BLOCKS

SCREW BRANCH KNOTS · M5 TO M8

Joint — branch knots



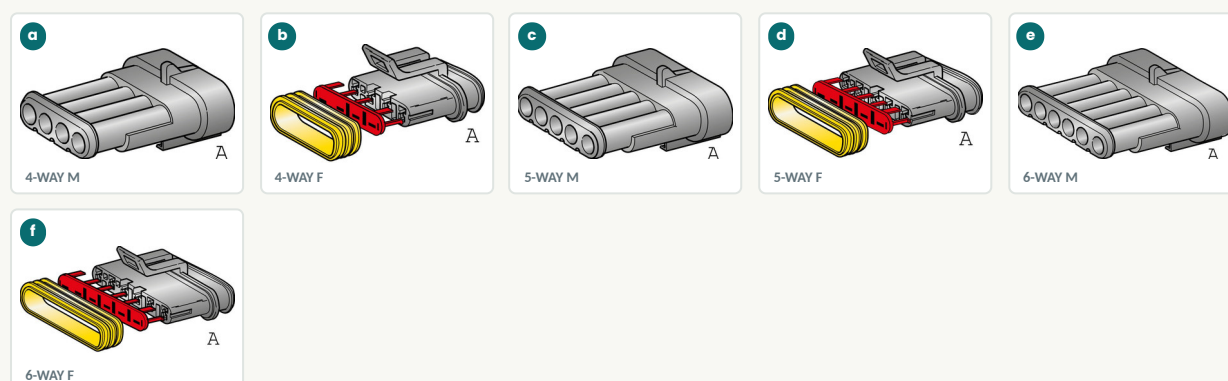
A moulded PA66 branch knot takes two or three studded cable lugs and closes them inside an insulated shell — a bolted joint in the loom that can be opened for test without cutting the cable.

Two-way body 54,6 × 40 mm, 34,5 mm deep; three-way 63,5 × 40 mm, 44,5 mm deep.

	Description	Screw	Way	Material	Colour	P/N bulk	MOQ
a	Branch knot M 88	M 88	2	PA66	Black	4541100	100
b	Branch knot M 888	M 888	3	PA66	Black	4541200	100
	Branch knot M 666	M 666	3	PA66	Black	4541202	100
	Branch knot M 555	M 555	3	PA66	Black	4541201	100

IP-SEALED 1,5 MM SYSTEM · 4 TO 6 WAY

SUPERSEAL 1,5 — large



The larger SUPERSEAL housings, four, five and six way, male and female, each loose or as a complete kit. The rear wire seals are colour coded to the cable diameter and are included in the kit.

	Description	Way	Material	Colour	P/N	MOQ
a	S-SEAL 1,5 male holder	4	PA 66	Black	4423670	10
	Kit A+B+C	4	PA 66	—	3050129	1
b	S-SEAL 1,5 female holder	4	PA 66	Black	4423680	10
	Kit A+B+C	4	PA 66	—	3050130	1
c	S-SEAL 1,5 male holder	5	PA 66	Black	4423690	10
	Kit A+B+C	5	PA 66	—	3050131	1
d	S-SEAL 1,5 female holder	5	PA 66	Black	4423700	10
	Kit A+B+C	5	PA 66	—	3050132	1
e	S-SEAL 1,5 male holder	6	PA 66	Black	4423710	10
	Kit A+B+C	6	PA 66	—	3050133	1
f	S-SEAL 1,5 female holder	6	PA 66	Black	4423720	10
	Kit A+B+C	6	PA 66	—	3050134	1

Connections and fixings: S-SEAL M150 and S-SEAL F150 terminals.

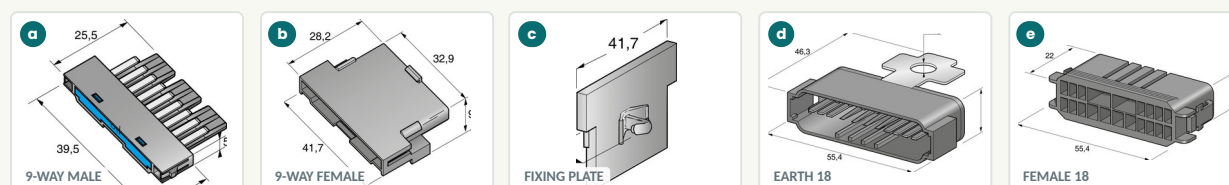
Fuse, holder, terminal and seal are specified together at Custom Marine so the assembly is right first time — 800BOATS.

Loom junction blocks & joints

MTA — SCREW BRANCH KNOTS AND THE 9-WAY AND 18-WAY JOINT BLOCKS

9-WAY AND 18-WAY JOINT BLOCKS

Joint — 9 and 18 way



The joint block gangs a group of circuits into one plug. The nine-way male is supplied with a coloured cover — blue for a straight nine-way, yellow, red or green for the split 6+3, 5+4 and 3+3+3 patterns — so a technician can see the grouping without opening the block.

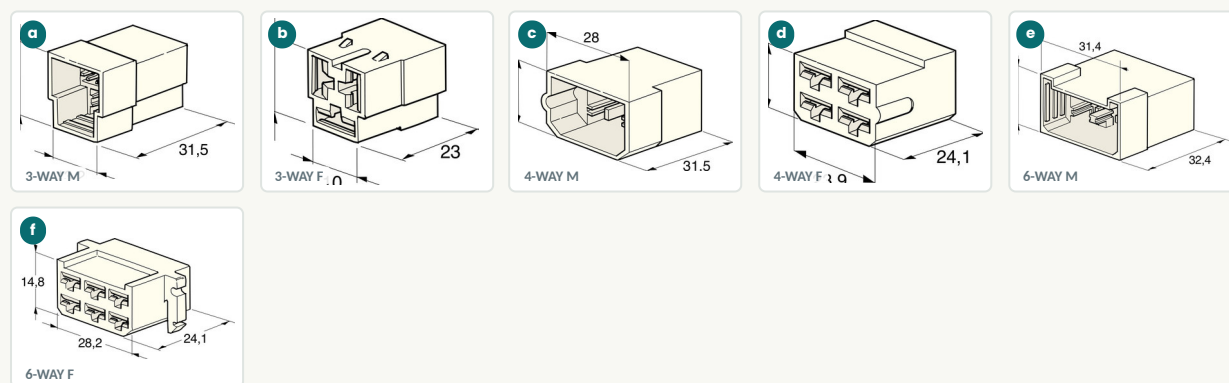
Nine-way body 41,7 × 32,9 mm, 28,2 mm deep; eighteen-way earth block 55,4 × 46,3 mm with an Ø 8,4 mm fixing hole.

	Description	Way	Material	Cover	P/N bulk	MOQ
a	Male holder	9	PA66 GF13	Blue	4551610	2500
	Male holder	6 + 3	PA66 GF13	Yellow	4551611	2500
	Male holder	5 + 4	PA66 GF13	Red	4551612	2500
	Male holder	3 + 3 + 3	PA66 GF13	Green	4551613	2500
b	Female holder	9	PBT	—	4551605	2500
c	Fixing plate	—	PA66	—	0300397	1000
d	Earth male holder	18	PA66 GF30	—	4510125	300
e	Female holder	18	PA66 GF30	—	4510120	1500

Connections and fixings: JPT F280 terminals.

6,3 MM FASTON HOLDERS · 3, 4 AND 6 WAY

MULTIPLE 6,3 — medium



Three, four and six way in the same neutral PA. Bodies 31,5 × 13,2 mm, 31,5 × 23,9 mm and 32,4 × 28,2 mm; the six-way female is 24,1 mm deep.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Male holder	3	PA	Neutral	4410210	4510210	2500
b	Female holder	3	PA	Neutral	4410220	4510220	2500
c	Male holder	4	PA	Neutral	4410230	4510230	2500
d	Female holder	4	PA	Neutral	4410240	4510240	2500
e	Male holder	6	PA	Neutral	4410250	4510250	1000
f	Female holder	6	PA	Neutral	4410260	4510260	1000

Box MOQ 50 on the three-way, 25 on the four and six way.

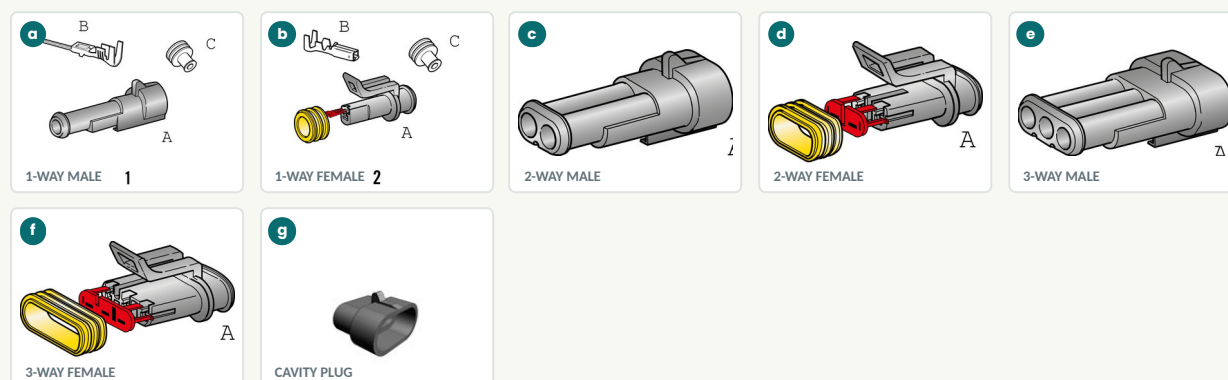
Ask Custom Marine for a wiring take-off measured against your general arrangement — 800BOATS · 800YACHTS.

SUPERSEAL 1,5 & SEAL 2,8 sealed connectors

MTA — IP-SEALED 1 TO 6 WAY IN PA 66, SUPPLIED LOOSE OR AS A COMPLETE A+B+C KIT

IP-SEALED 1,5 MM SYSTEM · 1 TO 3 WAY

SUPERSEAL 1,5 — small



SUPERSEAL 1,5 is the sealed **1,5 mm** contact system used for sensors, lighting and instrument circuits in wet compartments. Each holder is offered loose or as a **kit A+B+C** — housing, wire seals and terminals in one pack.

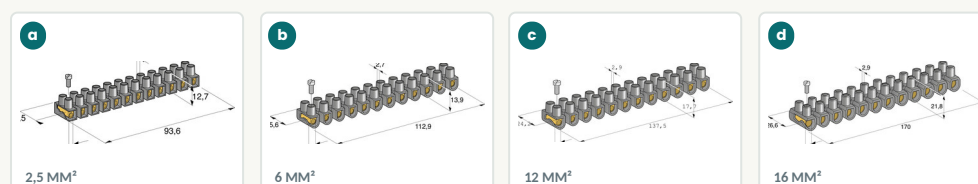
Unused cavities in a three-way female must be closed with the cavity plug.

	Description	Way	Material	Colour	P/N	MOQ
a	S-SEAL 1,5 male holder	1	PA 66	Black	4423610	10
	Kit A+B+C	1	PA 66	—	3050123	1
b	S-SEAL 1,5 female holder	1	PA 66	Black	4423620	10
	Kit A+B+C	1	PA 66	—	3050124	1
c	S-SEAL 1,5 male holder	2	PA 66	Black	4423630	10
	Kit A+B+C	2	PA 66	—	3050125	1
d	S-SEAL 1,5 female holder	2	PA 66	Black	4423640	10
	Kit A+B+C	2	PA 66	—	3050126	1
e	S-SEAL 1,5 male holder	3	PA 66	Black	4423650	10
	Kit A+B+C	3	PA 66	—	3050127	1
f	S-SEAL 1,5 female holder	3	PA 66	Black	4423660	10
	Kit A+B+C	3	PA 66	—	3050128	1
g	Cavity plug for 3-way holder 4423650	3	PA 66	Black	9450300	2000

Connections and fixings: S-SEAL M150 and S-SEAL F150 terminals.

12-WAY SCREW STRIPS · 24 A · 85°C

Connector strips



Twelve-way screw connector strips in black PP, rated **24 A** continuous at **85°C**. Four cable sections from **2,5** to **16 mm²**; the two larger strips are rated to **450 V**, the smaller two to **380 V**. Strip length **93,6 mm**.

	Description	Way	Material	Volt	I n	Cable mm²	P/N box
a	Connector strip	12	PP black	380	24 A	2,5	4430100
b	Connector strip	12	PP black	380	24 A	6	4430110
c	Connector strip	12	PP black	450	24 A	12	4430120
d	Connector strip	12	PP black	450	24 A	16	4430130

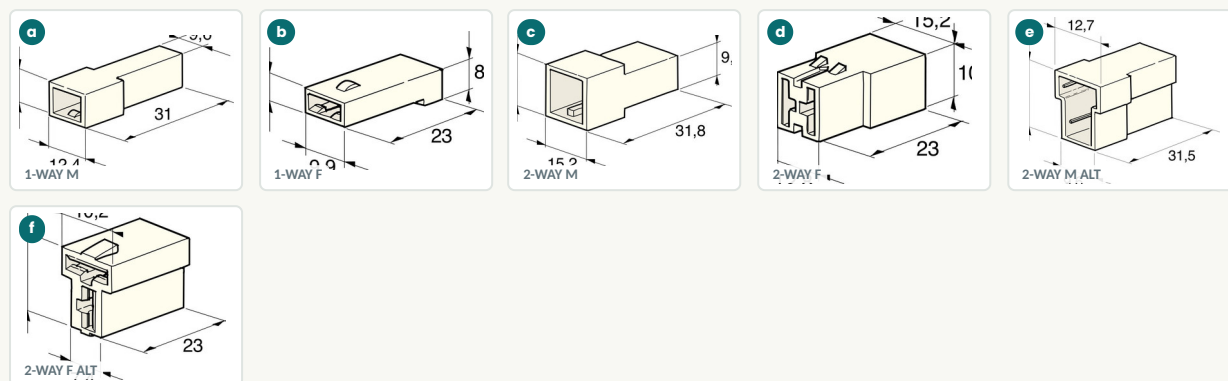
Operating temperature 85°C. Box MOQ 10.

MULTIPLE 6,3 connectors & terminal covers

MTA — PA HOLDERS FOR 6,3 MM FASTON TERMINALS WITH A LOCKING NOTCH, 1 TO 11 WAY

6,3 MM FASTON HOLDERS · 1 AND 2 WAY

MULTIPLE 6,3 — small



Neutral PA holders that turn loose 6,3 mm faston terminals into a keyed multi-way plug. The terminals lock into the housing on a notch, so the joint cannot pull apart under vibration.

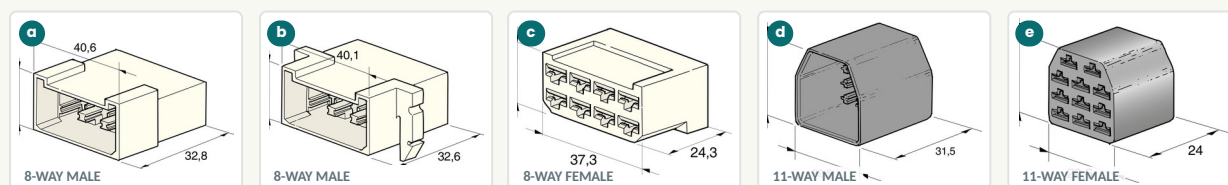
One-way 31 × 9,6 mm; two-way 31,5 × 15,2 mm and 23 × 10,2 mm.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Male holder	1	PA	Neutral	4410150	4510150	2500
b	Female holder	1	PA	Neutral	4410160	4510160	2500
c	Male holder	2	PA	Neutral	4410170	4510170	2500
d	Female holder	2	PA	Neutral	4410180	4510180	2500
e	Male holder	2	PA	Neutral	4410190	4510190	2500
f	Female holder	2	PA	Neutral	4410200	4510200	2500

Box MOQ 100 on the one-way, 50 on the two-way. Connections and fixings: FASTON M630 and F630 with locking notch.

6,3 MM FASTON HOLDERS · 8 AND 11 WAY

MULTIPLE 6,3 — large



The largest 6,3 mm holders: eight way in two body styles, and an eleven-way pair moulded in black. Eight-way 40,6 × 32,8 mm and 40,1 × 32,6 mm; eleven-way 37,3 × 24,3 mm, cover 32,5 × 31,5 mm.

	Description	Way	Material	Colour	P/N box	P/N bulk	MOQ
a	Male holder	8	PA	Neutral	4410270	4510270	1000
b	Male holder	8	PA	Neutral	4410290	4510290	1000
c	Female holder	8	PA	Neutral	4410280	4510280	1000
d	Male holder	11	PA	Black	4410295	4510295	300
e	Female holder	11	PA	Black	4410296	4510296	500

Box MOQ 20, or 10 on 4410290.

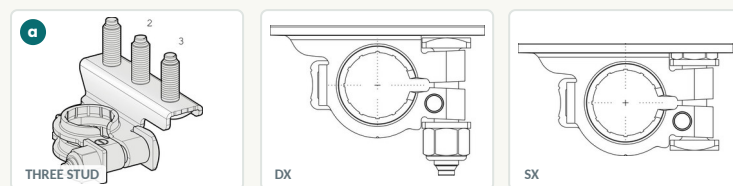
Crimp tooling, applicator-reel quantities and cut packs are available to order — custommarine.ae.

Battery terminals – double ring

MTA — CUZN-SN CLAMPS IN 1,5 AND 1,3 MM STOCK, HANDED DX AND SX, WITH TWO OR THREE STUDS

THREE-STUD CLAMPS · 1,5 MM CUZN-SN

Double ring – three stud



The double ring battery terminal clamps the post and presents two or three threaded studs for the cable lugs, so the battery main, the charge lead and an accessory feed can all land on one terminal without stacking.

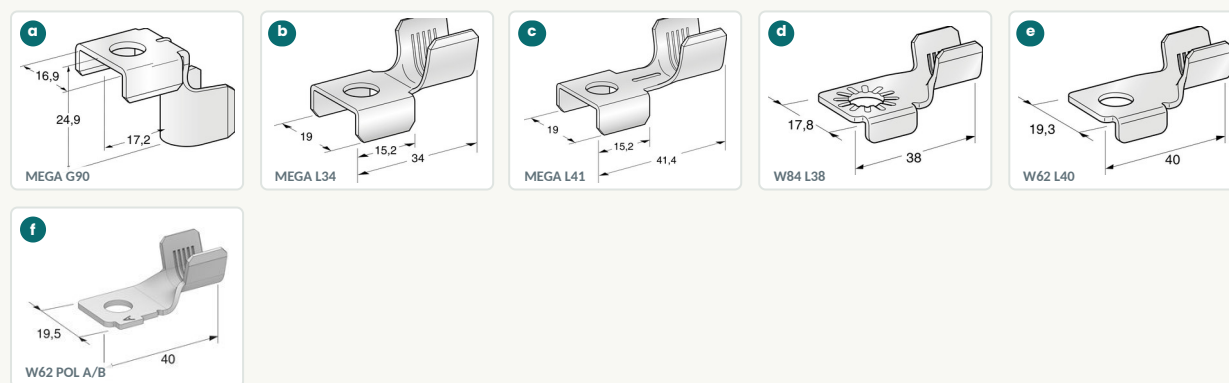
Handed **DX** (right) and **SX** (left); order by polarity as well — the positive clamp bore is larger than the negative.

	Description	Pol.	Screw 1	Screw 2	Screw 3	P/N box	P/N bulk
a	M686DX	+	M6	M8	M6	1507701	1507700
	M686DX	-	M6	M8	M6	1507704	1507705
	M666DX	+	M6	M6	M6	—	1507703
	M666DX	-	M6	M6	M6	—	1507707
	M666SX	+	M6	M6	M6	—	1507708
	M666SX	-	M6	M6	M6	—	1507736
	M080SX	+	—	M8	—	—	1507760
	M606DX	+	M6	—	M6	—	1507772
	M606SX	+	M6	—	M6	—	1507771
	M868DX	+	M8	M6	M8	—	1507790
	M868SX	+	M8	M6	M8	—	1508001

All eleven are CuZn-Sn, 1,5 mm material thickness. Box versions are supplied with nuts, MOQ 10; bulk MOQ 180 – 250 depending on reference.

FOR MEGAVAL M8 STUDS

MEGA terminals



The terminals that land a cable on a MEGAVAL, POWERVAL or MEGACOMPACT stud. **G90** is the 90° flag form; **L34** and **L41** are straight rings; **W84** and **W62** are the wide-palm forms, the latter polarised A or B to fix the cable exit direction.

	Description	Screw	Wire mm ²	Thk mm	P/N box	MOQ box	P/N reel	MOQ reel
a	MEGA G90	M8	10÷20	1,5	1608180	650	—	—
	MEGA G90	M8	25÷35	1,5	1608190	500	—	—
b	MEGA L34	M8	10÷20	1,2	1108110	10	1708110	1200
	MEGA L34	M8	25÷35	1,2	1108120	10	1708120	900
c	MEGA L41	M8	25÷40	1,5	1608196	500	—	—
d	W84 L38	M8	10÷25	1,5	1608800	1400	—	—
e	W62 L40	M8	25÷40	1,5	1609320	700	—	—
f	W62 L40 pol. A	M8	25÷40	1,5	1609330	700	—	—
	W62 L40 pol. B	M8	25÷40	1,5	1609340	700	—	—

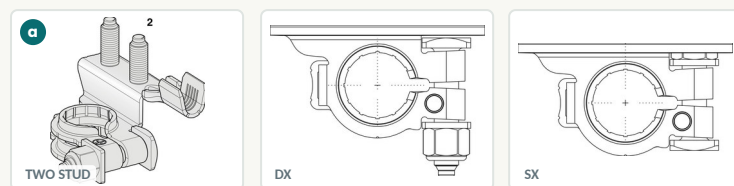
Only MEGA L34 is offered on reel; every other reference in this table is supplied in box. MEGA G90, L34, L41 and W62 L40 are Cu-Sn; W84 L38 is CuZn-Sn.

Battery terminals – double ring

MTA — CUZN-SN CLAMPS IN 1,5 AND 1,3 MM STOCK, HANDED DX AND SX, WITH TWO OR THREE STUDS

TWO-STUD CLAMPS · 1,3 MM CUZN-SN

Double ring – two stud

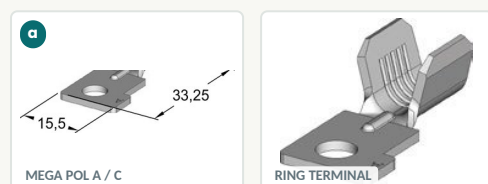


The two-stud version in **1,3 mm** stock, specified by the cable section it is designed to clamp. Bulk MOQ 200.

	Description	Pol.	Screw 1	Screw 2	Wire mm ²	P/N bulk	MOQ
a	M66DX	+	M6	M6	10÷20	1507800	200
	M66DX	+	M6	M6	25÷40	1507820	200
	M66DX	-	M6	M6	25÷40	1507875	200

FOR THE MEGACOMPACT STUD

MEGA COMPACT terminals

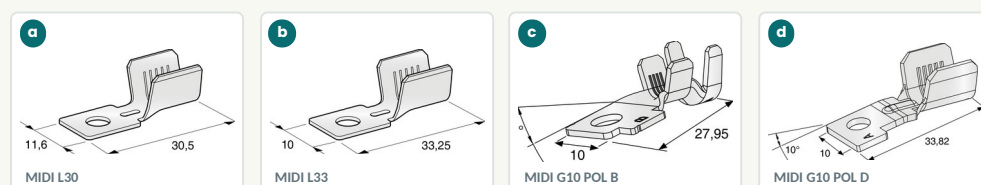


Two polarised **M6** ring terminals for 10 to 20 mm² cable on the MEGACOMPACT footprint. **Cu-Sn**, 1,5 mm, reel MOQ 1000.

	Description	Screw	Wire mm ²	Thk mm	P/N reel	MOQ
a	Ring terminal MEGA pol. A	M6	10÷20	1,5	1700055	1000
b	Ring terminal MEGA pol. C	M6	10÷20	1,5	1700056	1000

FOR MIDIVAL M5 STUDS · 10 – 35 MM²

MIDI terminals – heavy



The same polarity system in the heavier sections. **L30** takes 10 to 16 mm²; **L33** in **1,5 mm** stock runs to 35 mm²; the **G10** forms add a 10° set to clear an adjacent fuse.

	Description	Screw	Wire mm ²	Material	Thk mm	P/N reel	MOQ
a	MIDI L30	M5	10÷16	CuZn-Sn	0,8	1708250	1600
	MIDI L30	M6	10÷16	CuZn-Sn	0,8	1708251	1600
b	MIDI L33 UNI	M5	25÷35	Cu-Sn	1,5	1605905	800
	MIDI L33 pol. A	M5	10÷20	Cu-Sn	1,5	1705855	1000
	MIDI L33 pol. B	M5	10÷20	Cu-Sn	1,5	1705825	1000
	MIDI L33 pol. B	M5	25÷35	Cu-Sn	1,5	1705925	800
	MIDI L33 pol. C	M5	10÷20	Cu-Sn	1,5	1705835	1000
	MIDI L33 pol. D	M5	10÷20	Cu-Sn	1,5	1705856	1000
	MIDI L33 pol. E	M5	10÷20	Cu-Sn	1,5	1705857	1000
c	MIDI G10 pol. B	M5	6÷8	CuZn-Sn	1	1705726	2700
d	MIDI G10 pol. D	M5	10÷20	CuZn-Sn	1,5	1705846	1000

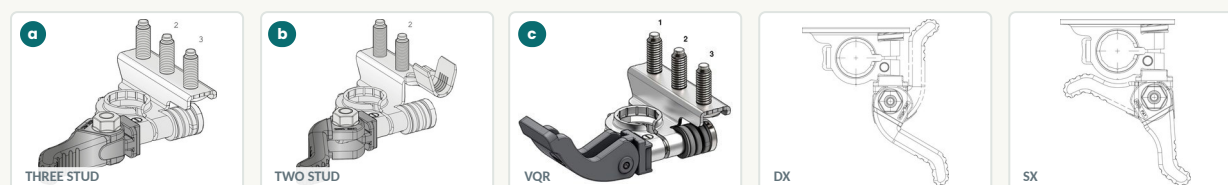
Custom Marine supports refit yards across the UAE with same-week supply on the references shown — 800BOATS.

Battery terminals – double ring

MTA — CUZN-SN CLAMPS IN 1,5 AND 1,3 MM STOCK, HANDED DX AND SX, WITH TWO OR THREE STUDS

TOOL-FREE POST CLAMPS · LEVER LOCK

Quick lock battery terminals



A cam lever replaces the clamp bolt: the terminal is lifted off and refitted by hand, which matters when a bank has to be isolated quickly or a battery is lifted out for winter storage.

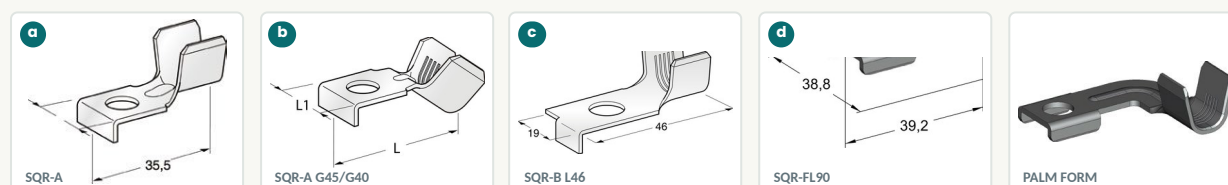
Three-stud and two-stud patterns in **CuZn-Sn**, plus the **VQR** clamp in **CuZn33-Sn**.

	Description	Pol.	Screws	Wire mm ²	Material	P/N bulk	MOQ
a	M666SX	-	M6 / M6 / M6	—	CuZn-Sn	1507905	130
	M666SX	+	M6 / M6 / M6	—	CuZn-Sn	1507975	130
	M666DX	-	M6 / M6 / M6	—	CuZn-Sn	1507915	130
b	M66DX	-	M6 / M6	10÷20	CuZn-Sn	1507925	130
	M66DX	-	M6 / M6	25÷40	CuZn-Sn	1507955	130
	M60DX	-	M6	10÷20	CuZn-Sn	1507946	100
	M66DX	-	M6 / M6	AWG1	CuZn-Sn	1507957	200
c	VQR	-	M6 / M6 / M6	—	CuZn33-Sn	1507601	100

Material thickness 1,5 mm on the three-stud and VQR clamps, 1,3 mm on the two-stud versions.

SQUARE-PALM BATTERY LUGS · SQR-A & SQR-B

Square terminals



The square palm spreads the clamping load over a wider area than a round ring, which matters on a soft busbar or a moulded stud. **SQR-A** is the straight form, **SQR-B** the long M10 lug and **SQR-FL90** the 90° ground version.

	Description	L mm	L1 mm	Screw	Wire mm ²	P/N box	P/N reel
a	SQR-A	35,5	12	M5	10÷20	—	1706990
	SQR-A	35,5	16	M6	25÷35	—	1706980
	SQR-A	35,5	16	M6	25÷40	1606981	—
	SQR-A	35,5	16	M8	10÷20	—	1706950
	SQR-A	35,5	16	M8	25÷35	—	1706960
	SQR-A	35,5	16	M8	25÷40	1606990	—
	SQR-A	37,1	16	M8	25÷40	1606992	—
b	SQR-A G45	37,1	16	M8	25÷40	1606994	—
	SQR-A G40	38,7	16	M6	25÷40	1606982	—
c	SQR-B L46	—	—	M10	10÷20	—	1708220
	SQR-B L46	—	—	M10	25÷35	—	1708200
d	SQR-FL90 ground	—	—	M8	25÷40	1600048	—

CuZn-Sn throughout except 1606981 (CuETP-Sn) and 1600048 (Cu-Sn). Material thickness 1,2 or 1,5 mm.

Every part on these pages can be supplied loose, in box packs or on production reels — 800BOATS.

Battery terminals – double ring

MTA — CUZN-SN CLAMPS IN 1,5 AND 1,3 MM STOCK, HANDED DX AND SX, WITH TWO OR THREE STUDS

STRIP CLAMPS · 1,2 MM · DX AND SX

Strip battery terminals

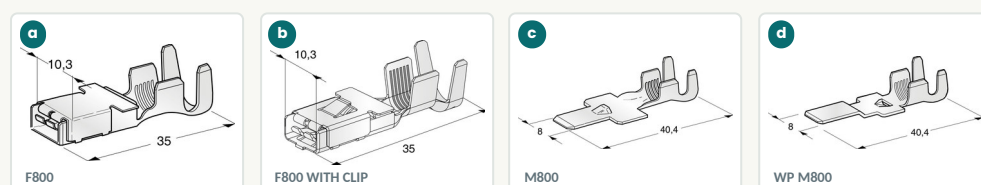


The strip terminal folds a single piece of **1,2 mm CuZn-Sn** around the post and out into a flat tail that is crimped directly to the cable — the lightest and lowest-profile way to land a battery cable.

	Description	Pol.	Screw	Wire mm ²	P/N bulk	MOQ
a	Strip DX	-	—	10÷20	1506655	400
	Strip DX	-	—	25÷40	1506665	400
	Strip SX	-	—	10÷20	1506658	400
	Strip SX	-	—	25÷40	1506668	400
	Strip DX	+	—	10÷20	1506720	400
	Strip DX	+	—	25÷40	1506730	400
b	Strip SX	-	M8	—	1506678	400

8 MM POWER CONTACTS TO 16 MM²

MAXI 800 terminals



The unsealed 8 mm power contact: **F800** receptacle, **F800 with clip** for a positively retained joint, **M800** blade, and the **WP M800** male for a mixed sealed / unsealed assembly.

	Description	Wire mm ²	Material	Thk mm	P/N box	P/N reel
a	F800	1,5÷2,5	CuZn-Sn	0,5	1107650	1707650
	F800	4÷6	CuZn-Sn	0,5	1107660	1707660
	F800	8÷10	CuZn-Sn	0,5	1107670	1707670
	F800	8÷10	CuNi-Sn	0,5	—	1707672
	F800	16	CuNi-Sn	0,5	1107671	1707671
b	F800 with clip	1,5÷2,5	CuZn-Sn	0,5	1107620	1707620
	F800 with clip	1,5÷2,5	CuNi-Sn	0,5	—	1700043
	F800 with clip	4÷6	CuZn-Sn	0,5	1107621	1707621
	F800 with clip	4÷6	CuNi-Sn	0,5	—	1700044
	F800 with clip	8÷10	CuNi-Sn	0,5	1107622	1707622
c	M800	2,5÷4	Cu-Sn	0,8	1107675	1707675
	M800	6÷8	Cu-Sn	0,8	1107685	1707685
	M800	10÷16	Cu-Sn	0,8	1107690	1707690
d	WP M800	2,5÷4	Cu-Sn	0,8	1107700	1707700
	WP M800	6÷8	Cu-Sn	0,8	1107710	1707710
	WP M800	10÷16	Cu-Sn	0,8	1107720	1707720

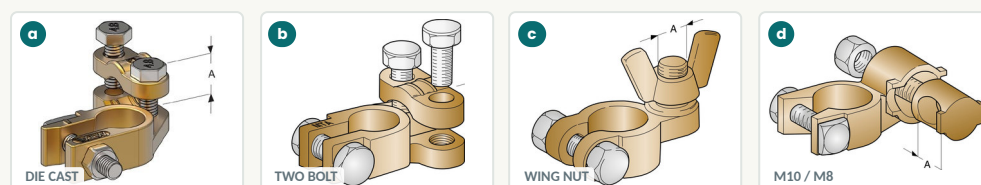
Box MOQ 20; reel MOQ 1300 – 3000.

Die cast & French type battery terminals

MTA — SOLID BRASS CLAMPS FOR 25 TO 70 MM² CABLE, WITH THE MOULDED PROTECTION COVERS TO SUIT

SOLID BRASS · 25 – 50 MM²

Die cast terminals

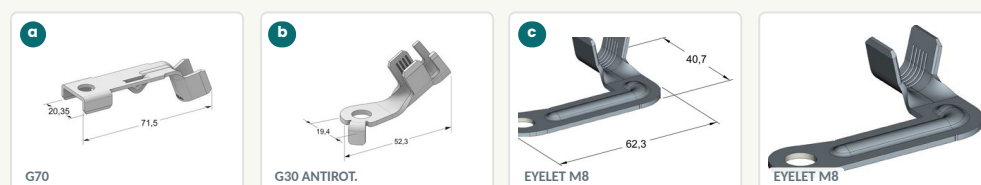


Die cast brass clamps for heavy cable. The wing-nut version is tightened by hand for a bank that is disconnected regularly; the bolted versions are for a permanent installation.

	Description	Pol.	Material	A mm ² / screw	P/N box	MOQ
a	Die cast	+	Brass	25÷50	1506100	25
	Die cast	–	Brass	25÷50	1506110	25
b	Die cast	+	Brass	25÷50	1506270	25
	Die cast	–	Brass	25÷50	1506280	25
c	Die cast	+	Brass	M10	1506120	25
	Die cast	–	Brass	M8	1506130	25
d	Battery terminal	+	Brass	25	1506250	25
	Battery terminal	–	Brass	25	1506260	25

G70, G30 ANTI-ROTATION & EYELET

Special terminals – heavy ring

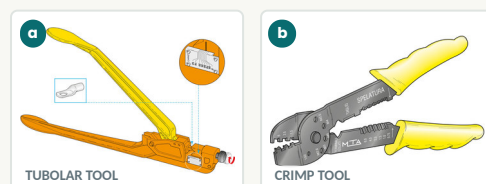


Three heavy rings: the **G70** for 25 to 35 mm² in 1,8 mm stock, the **G30** anti-rotation lug in 2,0 mm for 35 mm², and the plain **M8** eyelet for 25 mm². All CuZn-Sn.

	Description	Screw	Wire mm ²	Thk mm	P/N box	MOQ
a	G70	M8	25÷35	1,8	1608540	300
b	G30 antirotation	M8	35	2,0	1609960	500
c	Eyelet M8	M8	25	1,5	1556792	650

CRIMPING TOOLS

Crimping tools



Two hand tools: the long-handled tool for tubular copper tube lugs from **10 to 95 mm²**, **565 – 585 mm** long and **3267 g**, and the general crimping tool for insulated and open-barrel terminals from **1,5 to 6 mm²**.

	Description	Wire mm ²	Length mm	Weight g	P/N box	MOQ
a	Tool for tubular terminals	10÷95	565÷585	3267	9602490	1
b	Crimping tool	1,5÷6	—	—	9602450	1

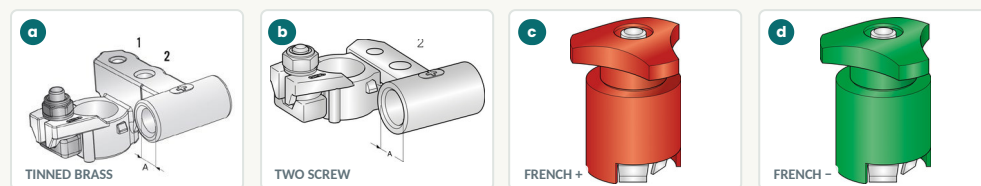
Technical drawings, mounting dimensions and 3D models are available on request — custommarine.ae.

Die cast & French type battery terminals

MTA — SOLID BRASS CLAMPS FOR 25 TO 70 MM² CABLE, WITH THE MOULDED PROTECTION COVERS TO SUIT

TINNED BRASS & FRENCH TYPE

Die cast & French terminals



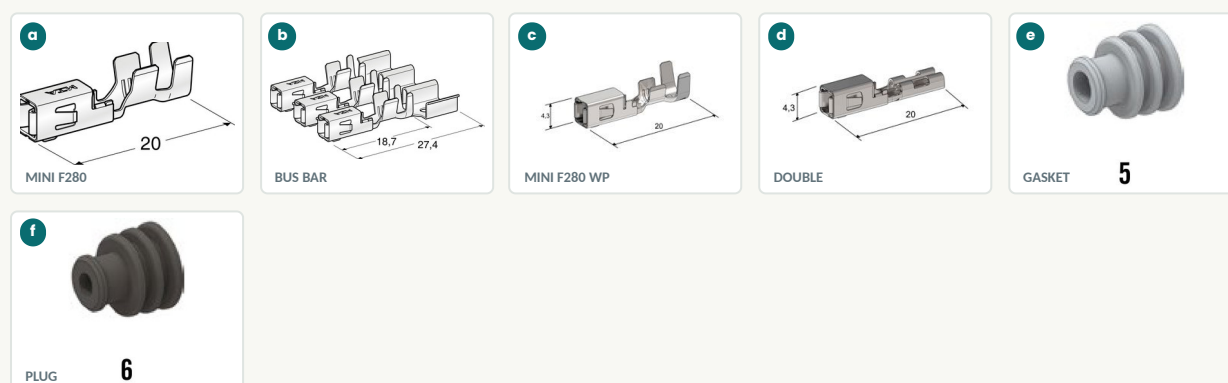
Tinned brass clamps to 70 mm² with an M6 and an M8 stud, and the French-type battery terminal in PE-nylon, moulded red for positive and green for negative.

	Description	Pol.	Screw 1	Screw 2	A mm ²	Material	P/N bulk
a	Die cast	+	M6	M8	50	Brass Sn	1506765
b	Die cast	+	M6	M8	70	Brass Sn	1506740
c	Die cast	-	M6	M8	50	Brass Sn	1506760
c	Battery terminal	+	—	—	—	PE-nylon, red	1506200
d	Battery terminal	-	—	—	—	PE-nylon, green	1506210

Bulk MOQ 70 (1506765), 150 (1506740 and 1506760); the PE-nylon terminals are boxed, MOQ 25.

MINI 280 · PLAIN, BUS BAR, WATERPROOF & DOUBLE

MINI 280 terminals



The 2,8 mm receptacle used in the MDU modules and mini fuse boards. The **BUS BAR** version carries a common tab; the **WP** version takes a silicone wire seal; the **DOUBLE** presents a 2,8 mm male tab on the back so a circuit can be picked off.

	Description	Wire mm ² / Ø mm	Material	Colour	P/N box	P/N bulk	P/N reel	MOQ bulk / reel
a	MINI F280	0,35±0,75	CuFe-Sn	—	1108330	—	1708330	9000
	MINI F280	1÷2	CuFe-Sn	—	1108331	—	1708331	9000
	MINI F280	2,5÷4	CuFe-Sn	—	1108332	—	1708332	9000
b	MINI F280 bus bar	1÷2	CuFe-Sn	—	—	—	1708335	12000
	MINI F280 bus bar	2,5÷4	CuFe-Sn	—	—	—	1708336	12000
c	MINI F280 WP	0,35±0,75	CuFe-Sn	—	1108337	—	1708337	9000
	MINI F280 WP	1÷2	CuFe-Sn	—	1108338	—	1708338	9000
	MINI F280 WP	2,5÷4	CuFe-Sn	—	1108339	—	1708339	9000
d	MINI F280 double, male 2,8	—	CuFe-Sn	—	—	1708334	—	20000
e	Gasket	2,2÷3	Silicon	Green	4551747	4550747	—	10000
	Gasket	1,2÷2,1	Silicon	Red	4551748	4550748	—	10000
	Gasket	3,1÷3,7	Silicon	Grey	4551749	4550749	—	10000
f	Plug	—	Silicon	Black	—	4550750	—	5000

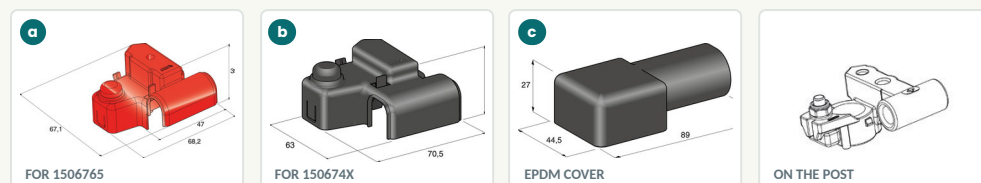
Every box reference in this table has a **box MOQ of 100**; the MOQ column gives the bulk or reel minimum. Terminal material thickness 0,3 mm. The figure in the third column is the wire section in mm² for the terminals and the cable outside diameter in mm for the gaskets.

Die cast & French type battery terminals

MTA — SOLID BRASS CLAMPS FOR 25 TO 70 MM² CABLE, WITH THE MOULDED PROTECTION COVERS TO SUIT

INSULATING BOOTS FOR DIE CAST CLAMPS

Protection covers — die cast

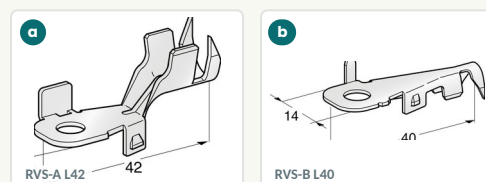


A moulded cover over a positive terminal is the cheapest insurance on a vessel: it stops a dropped spanner shorting the bank. Red for positive, black for negative; the EPDM cover suits an irregular clamp shape.

	Description	Pol.	Material	Colour	P/N bulk	MOQ
a	Cover for 1506765	+	PP	Red	4510499	500
b	Cover for 150674X	+	PP	Red	4510496	500
	Cover for 150676X	-	PP	Black	4510497	500
c	Cover	—	EPDM	Black	4510495	500

REVERSIBLE PALM - A AND B FORMS

Reversible terminals

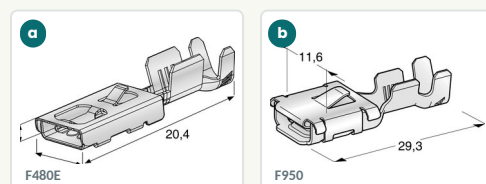


The reversible terminal can be fitted either face up, which removes one part number from the loom schedule where a cable may approach a stud from either side. **Cu-Sn**, M6, on reel.

	Description	Screw	Wire mm ²	Thk mm	P/N reel	MOQ
a	RVS-A L42	M6	2,5÷4	0,8	1706900	1200
	RVS-A L42	M6	6÷8	1	1706910	1400
b	RVS-B L40	M6	2,5÷4	0,8	1706930	2200
	RVS-B L40	M6	6÷8	1	1706940	2000

4,8 MM RECEPTACLE & THE 9,5 MM POWER BLADE

F480E & POWER 950



F480E is the 4,8 mm receptacle for the MDU boards; **F950** is the 9,5 mm power blade receptacle used on the maxi relay and heavy module positions, to 16 mm².

	Description	Wire mm ²	Material	Thk mm	P/N box	P/N reel
a	F480E	0,5÷1	CuZn-Sn	0,3	1108400	1708400
	F480E	1,5÷2,5	Cu alloy-Sn	0,3	1108401	1708401
	F480E	0,35÷0,5	CuZn-Sn	0,3	1108402	1708402
b	F950	2,5÷4	Cu-Sn	0,6	1107740	1707740
	F950	6÷8	Cu-Sn	0,6	1107741	1707741
	F950	10÷16	Cu-Sn	0,6	—	1707742

Box MOQ 100 on F480E and 20 on F950; reel MOQ 12000 – 16500 and 1300 – 2000 respectively.

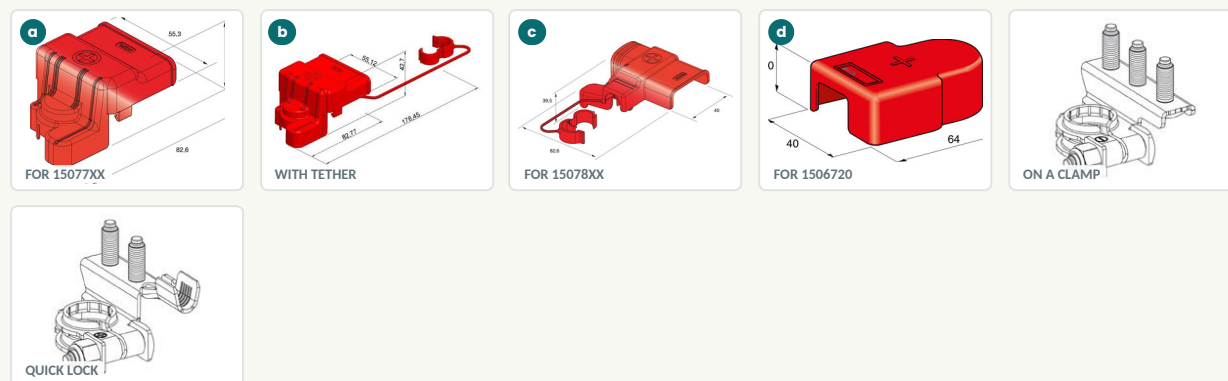
Complete distribution assemblies are built and tested to your schematic before they reach the vessel — 800BOATS.

Die cast & French type battery terminals

MTA — SOLID BRASS CLAMPS FOR 25 TO 70 MM² CABLE, WITH THE MOULDED PROTECTION COVERS TO SUIT

INSULATING BOOTS FOR RING & STRIP CLAMPS

Protection covers — ring

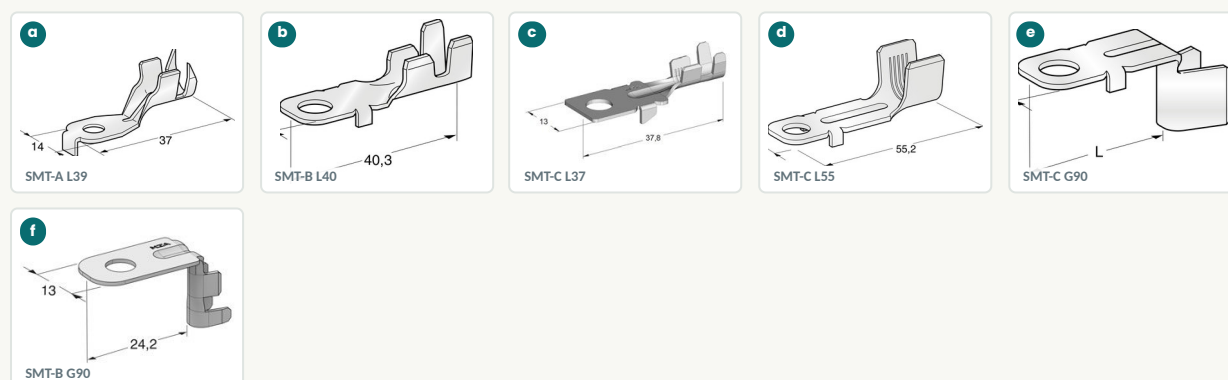


Red PP covers for the double ring and strip battery terminals. Each is moulded to the clamp it protects — check the terminal reference before ordering.

	Description	Pol.	Material	Colour	P/N	MOQ
a	Cover for 15077XX	+	PP	Red	4510503	100
b	Cover for 15077XX and 1508001	+	PP	Red	0301466	TBD
c	Cover for 15078XX	+	PP	Red	4510502	100
d	Cover for 1506720/21/30/31	+	PP	Red	4510480	500

STARTER-MOTOR TYPES · A, B AND C

SMT terminals



The SMT family is shaped to clear a starter-motor solenoid body: a narrow palm on a long barrel, in straight and 90° forms, up to 70 mm².

	Description	L mm	Screw	Wire mm ²	Thk mm	P/N box	P/N reel	MOQ
a	SMT-A L39	—	M6	4÷8	1	—	1706880	1400
	SMT-A L39	—	M6	10÷16	1,2	—	1706890	1200
b	SMT-B L40	—	M6	2,5÷4	0,8	—	1706600	2000
c	SMT-C L37	—	M6	2,5÷4	0,8	—	1706713	2000
d	SMT-C L55	—	M8	50÷70	1,5	1606796	—	1000
e	SMT-C G90	33	M6	6÷8	1,2	1606775	—	500
	SMT-C G90	33	M6	10÷20	1,2	1606770	—	2000
	SMT-C G90	33	M6	25÷40	1,2	1606500	—	600
	SMT-C G90	33	M8	25÷40	1,2	1606785	—	600
	SMT-C G90	35,6	M8	50÷70	1,5	1606795	—	1000
f	SMT-B G90	—	M8	2,5÷4	0,8	1606791	—	2000

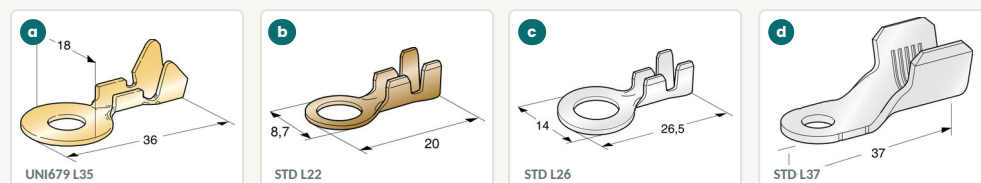
All SMT terminals are CuZn-Sn. The four SMT-A / SMT-B / SMT-C straight references are supplied on reel; the SMT-C G90, SMT-C L55 and SMT-B G90 references are supplied in box. MOQ is the minimum for the pack shown on that row.

Cable terminals – rings and ground tags

MTA — CRIMPED RING, GROUND AND FLAG TERMINALS FROM 0,35 TO 95 MM², ON REEL OR IN BOX

OPEN-BARREL RING TERMINALS

Standard ring



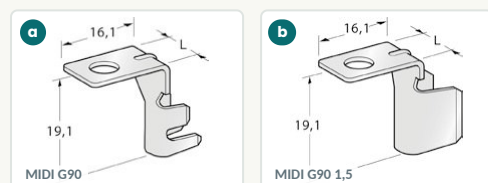
The plain crimped ring terminal in four body lengths, from the **22 mm** instrument tag to the **37 mm** heavy ring for 40 mm² cable. Brass to 6 mm², tinned brass above.

	Description	Screw	Wire mm ²	Material	Thk mm	P/N box	P/N bulk	MOQ
a	UNI679 L35	M10	4÷6	CuZn	0,7	1602550	—	100
b	STD L22	M4	1÷2,5	CuZn	0,6	1602970	—	100
	STD L22	M5	1÷2,5	CuZn	0,6	1602980	—	100
	STD L22	M6	1÷2,5	CuZn	0,6	1602981	—	100
c	STD L26	M6	3÷6	CuZn	0,8	1602990	—	100
	STD L26	M8	3÷6	CuZn	0,8	1603000	—	100
d	STD L37	M6	25÷40	CuZn-Sn	1,5	—	1609000	2000

The L22, L26 and UNI679 references are supplied in box; STD L37 is supplied bulk only.

90° MIDI RINGS • CU-SN • BOX PACKED

MIDI G90 terminals



The 90° MIDI ring, in **0,8 mm** stock for 2,5 to 8 mm² and **1,5 mm** stock for 10 to 35 mm², in polarity forms UNI, A, B, C, E and G. Palm length **L** is 10 mm except on the two M6 references, which are 13 mm.

	Description	L mm	Screw	Wire mm ²	Thk mm	P/N box	MOQ
a	MIDI G90 UNI	10	M5	6÷8	0,8	1605700	2500
	MIDI G90 pol. A	10	M5	2,5÷4	0,8	1605610	2500
	MIDI G90 pol. A	10	M5	6÷8	0,8	1605710	2000
	MIDI G90 pol. B	10	M5	2,5÷4	0,8	1605620	2500
	MIDI G90 pol. B	10	M5	6÷8	0,8	1605720	2000
	MIDI G90 pol. C	10	M5	2,5÷4	0,8	1605630	2500
	MIDI G90 pol. C	10	M5	6÷8	0,8	1605730	2000
	MIDI G90 pol. E	10	M5	2,5÷4	0,8	1605650	2500
b	MIDI G90 UNI	10	M5	10÷20	1,5	1605800	2000
	MIDI G90 UNI	10	M5	25÷35	1,5	1605900	1500
	MIDI G90 pol. A	10	M5	10÷20	1,5	1605810	1500
	MIDI G90 pol. A	10	M5	25÷35	1,5	1605910	2000
	MIDI G90 pol. B	10	M5	10÷20	1,5	1605820	1500
	MIDI G90 pol. B	10	M5	25÷35	1,5	1605920	2000
	MIDI G90 pol. C	10	M5	10÷20	1,5	1605830	1500
	MIDI G90 pol. G	10	M5	10÷20	1,5	1605847	1500
	MIDI G90 pol. A	13	M6	10÷20	1,5	1605811	1200
	MIDI G90 pol. C	13	M6	25÷35	1,5	1605911	1000

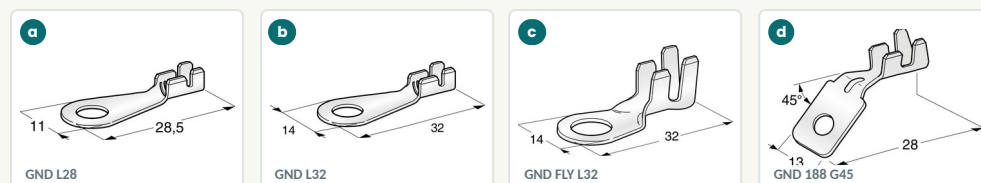
All MIDI G90 terminals are Cu-Sn.

Cable terminals – rings and ground tags

MTA — CRIMPED RING, GROUND AND FLAG TERMINALS FROM 0,35 TO 95 MM², ON REEL OR IN BOX

GROUND TAGS · FIXED AND FLYING

Ground terminals



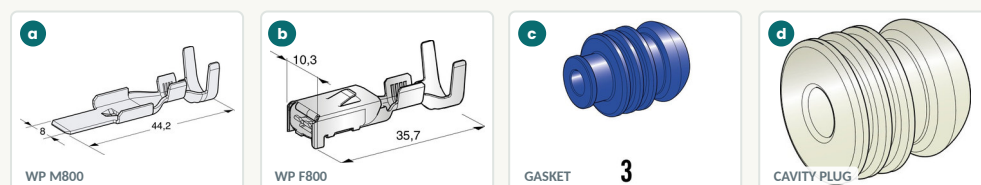
A ground tag differs from a plain ring in the anti-rotation lug that stops the terminal turning when the screw is tightened — essential on a bonding stud that gets disturbed. The **FLY** versions add a flying tail so a second conductor can be added without a second stud.

All are **CuZn-Sn**, supplied on reel.

	Description	Screw	Wire mm ²	Thk mm	P/N reel	MOQ
a	GND L28	M5	0,5÷1,5	0,6	1706740	12000
	GND-FLY L28	M5	0,5÷1,5	0,6	1706741	12000
b	GND L32	M6	1÷2,5	0,8	1706720	6000
	GND L32	M6	4÷6	0,8	1706700	4500
	GND L32	M6	8÷10	0,8	1706750	2400
	GND L32	M8	1÷2,5	0,8	1706730	6000
	GND L32	M8	4÷6	0,8	1706710	4500
	GND L32	M8	8÷10	0,8	1706760	2400
c	GND FLY L32	M6	1÷2,5	0,8	1706721	6000
	GND FLY L32	M6	3÷6	0,8	1706701	4500
	GND FLY L32	M8	1÷2,5	0,8	1706731	6000
	GND FLY L32	M8	3÷6	0,8	1706711	4500
d	GND 188 G45	M5	2,5÷6	0,8	1708160	3600

SEALED 8 MM POWER CONTACTS

MAXI 800 WP terminals



The sealed 8 mm power contact for the waterproof POWER connectors. Each contact takes a silicone gasket sized to the cable outside diameter; unused cavities are closed with the natural cavity plug.

	Description	Wire mm ² / Ø	Material	Colour	P/N box	P/N reel
a	WP M800	2,5÷4	Cu-Sn	—	—	1707760
	WP M800	6÷8	Cu-Sn	—	—	1707770
	WP M800	10÷16	Cu-Sn	—	—	1707780
b	WP F800	1,5÷2,5	CuZn-Sn	—	1107400	1707400
	WP F800	3÷6	CuZn-Sn	—	1107410	1707410
	WP F800	7÷10	CuNi-Sn	—	1107420	1707420
c	Gasket	1,9÷3,3	Silicon	Green	—	4550780
	Gasket	3,4÷4,9	Silicon	Blue	—	4550781
	Gasket	5÷6,5	Silicon	Red	—	4550782
d	Cavity plug	—	Silicon	Natural	—	4550784

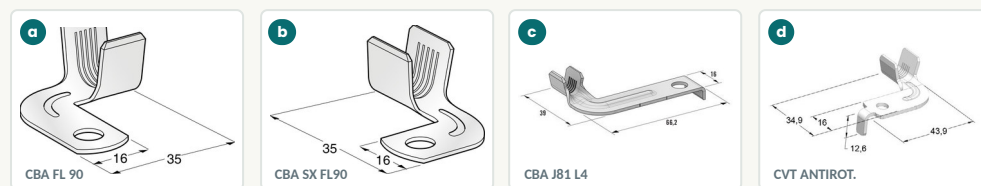
Terminal material thickness 0,8 mm on the male and 0,5 mm on the female. Box MOQ 20; reel MOQ 1000 – 1300; gaskets and plugs 5000.

Cable terminals – rings and ground tags

MTA — CRIMPED RING, GROUND AND FLAG TERMINALS FROM 0,35 TO 95 MM², ON REEL OR IN BOX

90° FLAG BATTERY-CABLE LUGS

CBA & CVT terminals



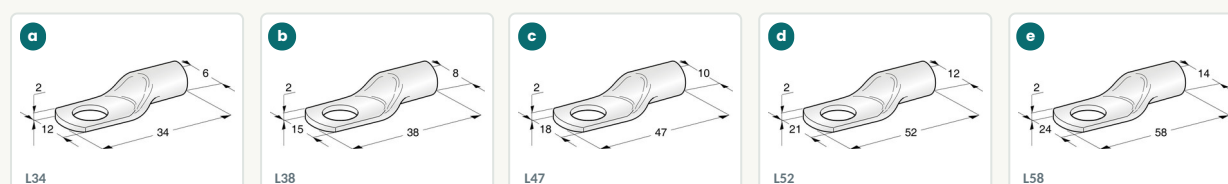
The flag lug turns the crimp 90° to the ring so a heavy battery cable can leave the terminal along the hull rather than standing off it. Right-hand and left-hand forms, 10 to 70 mm².

	Description	Screw	Wire mm ²	Thk mm	P/N box	P/N reel	MOQ
a	CBA FL 90	M8	10÷20	1,5	—	1708170	800
	CBA FL 90	M6	10÷20	1,5	—	1708175	1000
	CBA FL 90	M8	25÷42	1,5	1600072	1708210	600
	CBA FL 90	M6	25÷42	1,5	1604300	1708215	800
	CBA FL 90	M8	50÷70	1,8	1600070	1708230	600
	CBA FL 90	M8	50	1,8	—	1708231	600
b	CBA SX FL90	M8	20÷40	1,8	—	1708320	600
	CBA SX FL90	M6	20÷40	1,8	—	1708325	600
	CBA SX FL90	M8	50÷70	1,8	1600071	1708310	600
	CBA SX FL90	M6	50÷70	1,8	—	1708315	600
c	CBA J81 L4	M8	10÷20	1,8	1609200	—	350
d	Ring terminal antirotation CVT	M6	20÷40	1,8	—	1708326	3500

CBA J81 L4 (1609200) is supplied in box only. The MOQ column is the minimum for the reel, except on that box-only row; box MOQ is 600 on 1600072, 1600070 and 1600071, and 1500 on 1604300. 1600072, 1604300, 1600070 and 1600071 are post plated. CBA FL 90 and CBA SX FL90 are CuZn-Sn; CBA J81 L4 is Cu-Sn.

SEAMLESS COPPER TUBE LUGS · 16 – 75 MM²

Tubular terminals



The tubular lug is a seamless tinned copper tube on a forged palm: the terminal used for the battery main, the inverter feed and any run where the crimp has to carry the full bank current.

Five body lengths from 34 mm for 16 mm² up to 58 mm for 75 mm², with M6 to M13 palm holes.

	Description	Screw	Wire mm ²	Material	P/N box	MOQ
a	Tubular L34	M6	16	Cu-Sn	1605000	50
	Tubular L34	M8	16	Cu-Sn	1605100	50
b	Tubular L38	M8	25	Cu-Sn	1605010	50
	Tubular L38	M10	25	Cu-Sn	1605110	50
c	Tubular L47	M8	35	Cu-Sn	1605021	50
	Tubular L47	M10	35	Cu-Sn	1605020	50
d	Tubular L52	M11	50	Cu-Sn	1605030	25
e	Tubular L58	M13	75	Cu-Sn	1605040	25

Crimp with the tool 9602490 listed at the end of this section.

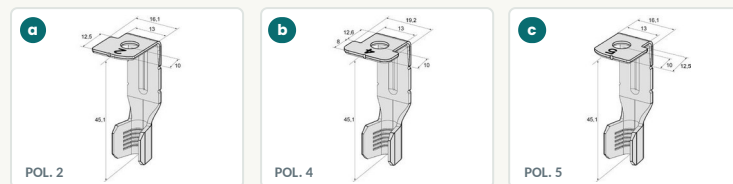
Custom Marine stocks the matching terminals, seals and tooling for every connector system in this chapter — 800BOATS.

Cable terminals – rings and ground tags

MTA — CRIMPED RING, GROUND AND FLAG TERMINALS FROM 0,35 TO 95 MM², ON REEL OR IN BOX

90° RINGS FOR THE HMPDC BLOCK

HMPDC terminals

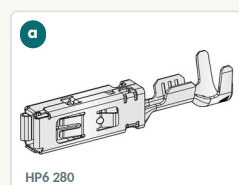


Three **45 mm 90°** ring terminals for 8 to 16 mm² cable, keyed by polarity position so the loom cannot be assembled the wrong way round in the block. **CuZn-Sn**. 1.5 mm. box MOQ 600.

	Description	Screw	Wire mm²	Thk mm	P/N box	MOQ
a	Ring terminal G90 45 mm pol. 2	M6	8÷16	1,5	1600055	600
b	Ring terminal G90 45 mm pol. 4	M6	8÷16	1,5	1600056	600
c	Ring terminal G90 45 mm pol. 5	M6	8÷16	1,5	1600057	600

HIGH-PERFORMANCE 2.8 RECEPTACLE

HP6 280 terminals



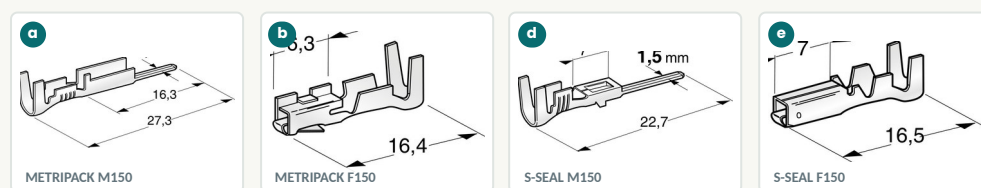
The HP6 receptacle for the HP6 housings, in a copper alloy with three contact-area platings: **gold** for signal circuits that must stay reliable at low current, **tin** for general use and **silver** for the highest current density.

	Description	Wire mm ²	Material	Coating	P/N box	P/N reel
a	HP6 280	0,5÷1	Cu alloy-Sn	Au	1108380	1708380
	HP6 280	1,5÷2,5	Cu alloy-Sn	Au	1108381	1708381
	HP6 280	0,5÷1	Cu alloy-Sn	Sn	1108382	1708382
	HP6 280	1,5÷2,5	Cu alloy-Sn	Sn	1108383	1708383
	HP6 280	0,5÷1	Cu alloy-Sn	Ag	—	1708391
	HP6 280	1,5÷2,5	Cu alloy-Sn	Ag	—	1708392

Material thickness 0,3 mm. Box MOQ 100, reel MOQ 10500.

CONTACTS FOR THE 1.5 MM SEALED SYSTEMS

Seal-connector terminals 1,5



The male and female contacts for the **METRIPACK 150** and **SUPERSEAL 150** systems, with their silicone wire seals and the red cavity plug that closes an unused way.

	Description	Wire mm ²	Thk mm	Material	Colour	P/N box	MOQ
a	METRIPACK M150	0,5÷1	0,4	CuZn-Sn	—	1105510	100
b	METRIPACK F150	0,5÷1	0,4	CuZn-Sn	—	1105500	100
c	Rubber seal	0,5÷1	—	Silicon	Red	4407530	100
d	S-SEAL M150	1÷1,5	0,32	CuZn-Sn	—	1105550	100
e	S-SEAL F150	1÷1,5	0,3	CuZn-Sn	—	1105560	100
f	Rubber seal	0,5÷1	—	Silicon	Yellow	4407740	100
g	Cavity plug	—	—	Silicon	Red	4407750	100

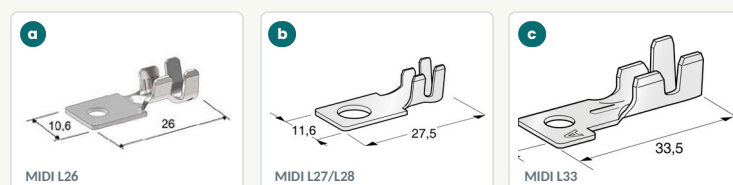
Talk to Custom Marine early — the fusing plan is easiest to get right before the loom is cut — 800YACHTS.

MEGA & MIDI terminals

MTA — THE M8 AND M5 STUD TERMINALS THAT LAND A CABLE ON A MEGAVAL OR MIDIVAL FUSE

FOR MIDIVAL M5 STUDS · 2,5 – 8 MM²

MIDI terminals – light

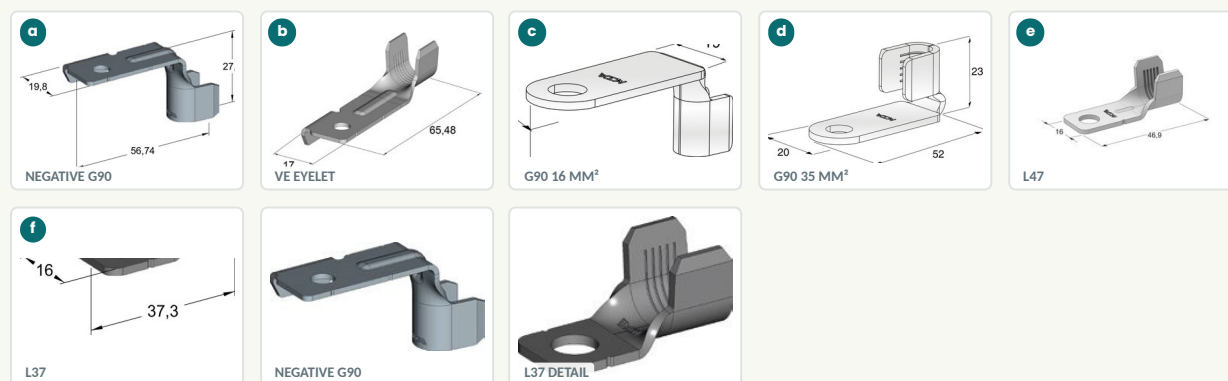


The MIDI terminal drops over the M5 studs of a MIDIVAL fuse. The L33 body is offered in five polarity forms — UNI plus A, B, C, D and E — each with the crimp barrel set at a different angle so the cable leaves the fuse in the required direction.

	Description	Screw	Wire mm ²	Material	Thk mm	P/N reel	MOQ
a	MIDI L26	M4	2,5÷4	CuZn-Sn	0,8	1708280	2000
b	MIDI L27	M5	2,5÷4	CuZn-Sn	0,8	1708240	2000
	MIDI L28	M5	6÷8	CuZn-Sn	0,8	1708245	1600
	MIDI L28	M6	6÷8	CuZn-Sn	0,8	1708246	1600
c	MIDI L33 UNI	M5	2,5÷4	Cu-Sn	0,8	1705606	2000
	MIDI L33 pol. A	M5	2,5÷4	Cu-Sn	0,8	1705616	2000
	MIDI L33 pol. B	M5	2,5÷4	Cu-Sn	0,8	1705626	2000
	MIDI L33 pol. E	M5	2,5÷4	Cu-Sn	0,8	1705656	2000
	MIDI L33 UNI	M5	6÷8	Cu-Sn	0,8	1705705	2000
	MIDI L33 pol. A	M5	6÷8	Cu-Sn	0,8	1705715	2000
	MIDI L33 pol. B	M5	6÷8	Cu-Sn	0,8	1705725	2000
	MIDI L33 pol. C	M5	6÷8	Cu-Sn	0,8	1705735	2000
	MIDI L33 pol. D	M5	6÷8	Cu-Sn	0,8	1705745	2000

BATTERY RINGS AND HEAVY 90° LUGS

Special terminals – battery



The heavy battery-cable terminals: a negative battery ring in 1,5 mm Cu-Sn for 35 to 50 mm², two thick G90 lugs in 1,9 and 2,3 mm stock, and the L47 and L37 forms that land the main cable on a waterproof MEGAVAL housing.

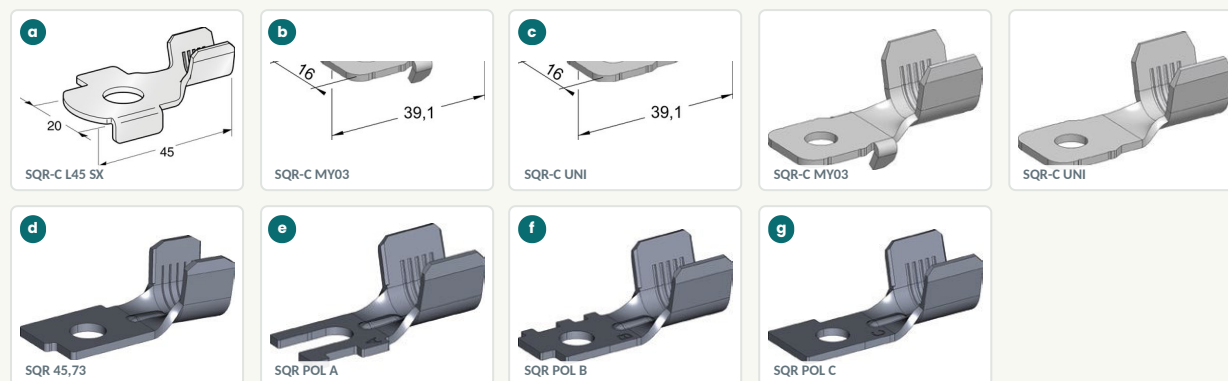
	Description	Screw	Wire mm ²	Material	Thk mm	P/N box	MOQ
a	Negative battery ring terminal G90	M6	35÷50	Cu-Sn	1,5	1600047	500
b	Battery ring terminal VE eyelet	M6	35÷50	Cu-Sn	1,5	1600067	TBD
c	G90	M8	16	CuZn-Sn	1,9	1796416	2000
d	G90	M8	35	CuZn-Sn	2,3	1793753	500
e	L47	M8	40, 50, 70	Cu-Sn	1,8	1607510	600
f	L37	M8	40÷70	Cu-Sn	1,8	1607511	600
	L37	M8	10÷20	Cu-Sn	1,5	1600068	TBD
	L37	M8	25÷40	Cu-Sn	1,5	1600069	TBD

Square, reversible & starter terminals

MTA — THE SQUARE-PALM FAMILY AND THE SPECIAL FORMS FOR STARTERS, ALTERNATORS AND FLANGES

SQR-C AND POLARISED SQUARE PALMS

Square terminals — C and polarised



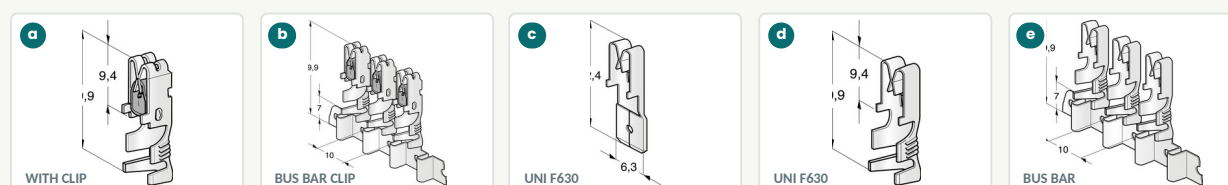
The **SQR-C** forms and the polarised square palms, where the crimp barrel is offset to fix the cable exit. All **25 to 40 mm²** unless stated.

	Description	L mm	Screw	Wire mm ²	P/N bulk	P/N reel	MOQ
a	SQR-C L45 SX	—	M10	25÷40	—	1708270	700
b	SQR-C MY03	—	M6	10÷20	—	1706975	1000
	SQR-C MY03	—	M6	25÷40	—	1706977	700
c	SQR-C UNI	—	M6	25÷40	—	1706712	700
d	SQR	45,73	M8	35	1603008	1603004	500
e	SQR pol. A	36,5	M6	25÷35	1603005	1603001	800
f	SQR pol. B	38,7	M6	25÷35	1603006	1603002	800
g	SQR pol. C	39,3	M6	25÷35	1603007	1603003	800

SQR-C terminals are CuZn-Sn 1,5 mm; the polarised SQR palms are Cu-Sn, 1,2 mm on the 45,73 mm body and 1,5 mm on the others.

FOR UNIVAL HOLDERS · CLIP RETENTION

UNI 630 terminals



The UNI 630 receptacle is the terminal for every UNIVAL holder, fuse box and exit strip in this chapter. The **with clip** versions add a retention lance that locks the terminal into the housing; the **bus bar** versions carry a common tab across adjacent ways.

	Description	Wire mm ²	Material	Thk mm	P/N box	P/N bulk	P/N reel	MOQ bulk / reel
a	UNI F630 with clip	0,5÷1,5	CuSn-Sn	0,4	1107920	—	1707920	6000
	UNI F630 with clip	2÷3	CuSn-Sn	0,4	1107930	—	1707930	6000
	UNI F630 with clip	4÷6	CuFe-Sn	0,4	1107940	—	1707940	5400
b	UNI F630 bus bar with clip	2÷3	CuSn-Sn	0,4	—	—	1707932	9000
	UNI F630 bus bar with clip	4÷6	CuFe-Sn	0,4	—	—	1707942	9000
c	UNI F630	—	CuSn-Sn	0,4	1107501	1907501	—	8000
d	UNI F630	0,5÷1,5	CuSn-Sn	0,4	1107900	—	1707900	6000
	UNI F630	2÷3	CuSn-Sn	0,4	—	—	1707902	6000
	UNI F630	4÷6	CuSn-Sn	0,4	1107901	—	1707901	5400
e	UNI F630 bus bar	2÷3	CuSn-Sn	0,4	—	—	1707912	9000
	UNI F630 bus bar	4÷6	CuSn-Sn	0,4	—	—	1707911	9000

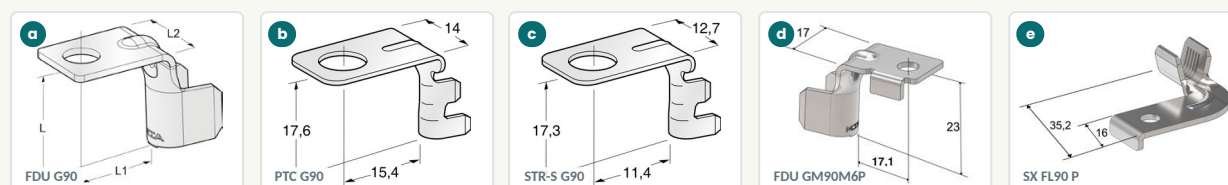
Box MOQ 100, or 50 on 1107940; the MOQ column gives the bulk or reel minimum. **1907501** is a bulk reference, not a reel reference.

Square, reversible & starter terminals

MTA — THE SQUARE-PALM FAMILY AND THE SPECIAL FORMS FOR STARTERS, ALTERNATORS AND FLANGES

FDU, PTC AND STR-S 90° TERMINALS

Special terminals – FDU



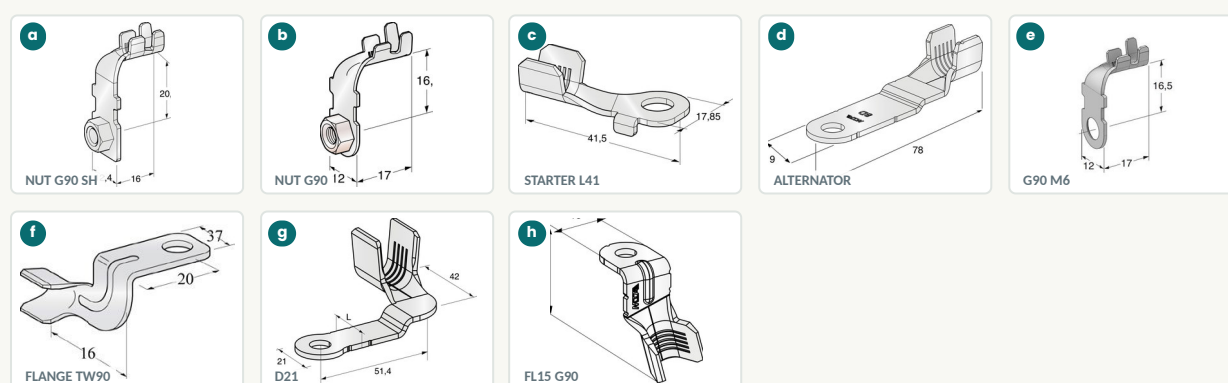
The FDU 90° terminal is dimensioned **L 23 × L1 16,7 × L2 17 mm** and is the standard cable-end for a distribution unit stud; the heavier **G90** forms take 40, 50 and 70 mm² and a 30 + 30 mm² twin crimp.

	Description	L / L1 / L2	Screw	Wire mm²	Thk mm	P/N box	MOQ
a	FDU G90	23 / 16,7 / 17	M8	25÷40	1,5	1608380	1500
	FDU G90	23 / 16,7 / 17	M6	25÷40	1,5	1608381	700
	G90	23 / 16 / 16	M8	40, 50, 70	1,8	1607500	600
	G90	24 / 16 / 16	M8	30 + 30	1,8	1617500	500
b	PTC G90	—	M8	2,5÷5	0,8	1608500	1700
c	STR-S G90	—	M6	2,5÷4	0,8	1608510	2300
d	FDU GM90M6P	—	M6	25÷35	1,5	1704010	600
e	SX FL90 P	—	M6	20÷35	1,8	1704000	500

FDU G90, FDU GM90M6P and SX FL90 P are CuZn-Sn; the G90, PTC and STR-S references are Cu-Sn.

CAPTIVE NUT, STARTER, ALTERNATOR & FLANGE

Special terminals – nut & flange



The nut types carry a captive nut on the palm so the terminal can be bolted to a plain hole. The starter, alternator and flange terminals are the shapes required by the equipment they land on.

	Description	L mm	Screw	Wire mm²	Material	P/N box	P/N reel	MOQ
a	NUT G90 SH	—	M5	2,5÷5	CuZn-Sn	1608420	—	1500
b	NUT G90	—	M5	2,5÷5	CuZn-Sn	1608400	—	1500
c	Starter L41	—	M8	10÷20	CuZn-Sn	—	1708360	1000
	Starter L41	—	M8	25÷40	CuZn-Sn	—	1708370	800
d	Alternator	—	M8	35÷50	Cu-Sn	1607400	—	250
e	G90	—	M6	2,5÷5	CuZn-Sn	1606995	—	2000
f	Flange TW90	—	M8	25÷35	Cu-Sn	1608700	—	450
g	D21	16	M8	16÷41	CuZn-Sn	1609910	—	380
	D21	13	M8	14÷41	CuZn-Sn	1609920	—	250
h	FL15 G90	—	M6	25÷35	Cu-Sn	1608520	—	700

Material thickness 0,8 to 2 mm depending on reference; the starter and alternator terminals are 1,5 and 2 mm respectively. Only the two Starter L41 references are supplied on reel; every other reference in this table is supplied in box.

Receptacle & blade terminals

MTA — THE 2,8, 4,8, 6,3 AND 8 MM CONTACT SYSTEMS, IN BOX AND ON APPLICATOR REEL

6,3 MM RECEPTACLES AND BLADES

F630E & M630 terminals

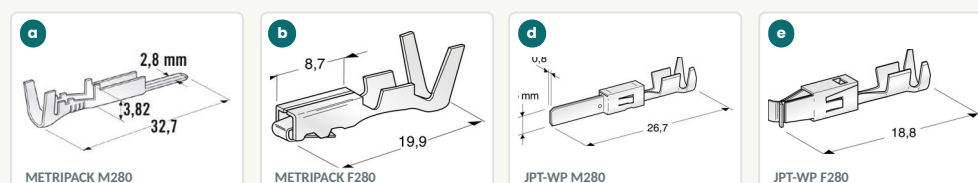


The 6,3 mm system in sealed and unsealed forms. **F630E** is offered for both the **6,3 × 0,8** and the **5,2 × 0,6** tab; **M630** is the matching blade, to 10 mm².

	Description	Wire mm ²	Material	Thk mm	Tab mm	P/N box	P/N reel
a	F630 E WP	2÷3	Cu alloy-Sn	0,4	6,3 × 0,8	—	1708505
	F630 E WP	4÷6	Cu alloy-Sn	0,4	6,3 × 0,8	—	1708504
b	M630 WP	2,5÷4	Cu-Sn	0,8	—	—	1707995
	M630 WP	6	Cu-Sn	0,8	—	—	1707994
c	Gasket, blue	2,7÷3,7	Silicon	—	—	—	4551901
	Gasket, green	4÷4,3	Silicon	—	—	—	4551902
d	F630 E	0,35÷0,5	CuZn-Sn	0,4	6,3 × 0,8	1108500	1708500
	F630 E	0,75÷1,5	CuZn-Sn	0,4	6,3 × 0,8	1108501	1708501
	F630 E	2÷3	Cu alloy-Sn	0,4	6,3 × 0,8	1108502	1708502
	F630 E	4÷6	Cu alloy-Sn	0,4	6,3 × 0,8	1108503	1708503
	F630 E	0,75÷1,5	CuZn-Sn	0,4	5,2 × 0,6	1108511	1708511
	F630 E	2÷2,5	Cu alloy-Sn	0,4	5,2 × 0,6	1108512	1708512
	F630 E	4÷6	Cu alloy-Sn	0,4	5,2 × 0,6	1108513	1708513
e	M630	1,5÷2	Cu-Sn	0,8	—	1107990	1707990
	M630	2,5÷4	Cu-Sn	0,8	—	1107991	1707991
	M630	6÷8	Cu-Sn	0,8	—	1107992	1707992
	M630	10	Cu-Sn	0,8	—	1107993	—

CONTACTS FOR THE 2,8 MM SEALED SYSTEMS

Seal-connector terminals 2,8



The 2,8 mm sealed contacts: **METRIPACK 280** for the SEAL 2,8 housings and **JPT-WP 280** for the waterproof modules and sealed POWER housings, each with its colour-coded silicone seal.

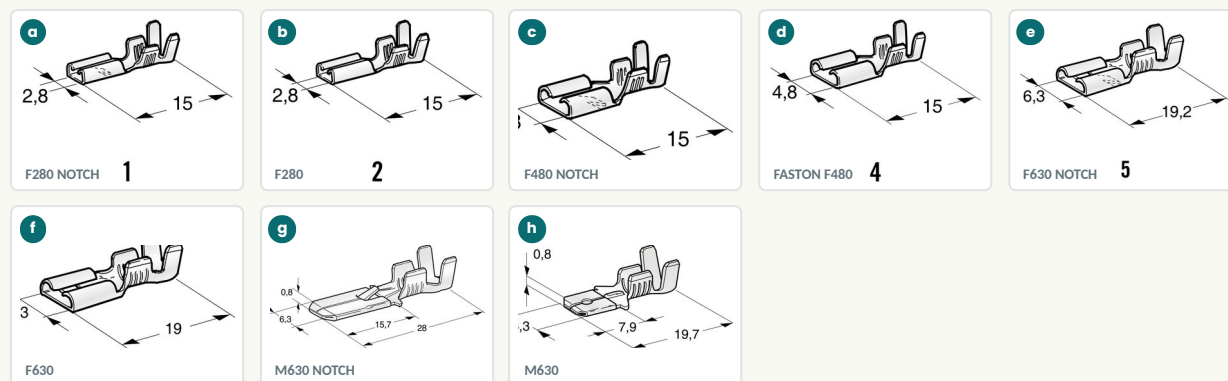
	Description	Wire mm ²	Thk mm	Material	Colour	P/N box	MOQ
a	METRIPACK M280	1÷2,5	0,4	CuSn-Sn	—	1104500	50
b	METRIPACK F280	1÷2,5	0,4	CuSn-Sn	—	1104510	100
c	Rubber seal	1÷2,5	—	Silicon	Green	4407510	100
d	JPT-WP M280	0,5÷1,5	0,32	CuSn-Sn	—	1108290	100
	JPT-WP M280	1,5÷2,5	0,32	CuSn-Sn	—	1108300	100
e	JPT-WP F280	0,5÷1	0,32	CuSn-Sn	—	1108260	100
	JPT-WP F280	1÷2,5	0,32	CuSn-Sn	—	1108270	100
f	Rubber seal	0,5÷1	—	Silicon	Azure	4510662	100
g	Rubber seal	1,5÷2,5	—	Silicon	White	4510658	100

FASTON terminals & seal-connector contacts

MTA — THE 2,8, 4,8, 6,3 AND 9,5 MM FASTON RANGE, PLAIN AND WITH LOCKING NOTCH

BLADE & RECEPTACLE · 2,8 TO 6,3 MM

FASTON terminals I



The FASTON range in brass and tinned brass. The **locking notch** versions engage a lance in the holder so the terminal cannot back out — specify them for anything that vibrates.

	Description	Wire mm ²	Thk mm	Material	P/N box	P/N reel
a	F280 with locking notch	0,5±1	0,25	CuZn-Sn	1101700	—
b	F280	0,3±1	0,30	CuZn	1301390	—
c	F480 with locking notch	0,5±1	0,32	CuZn-Sn	1101710	—
d	FASTON F480	0,5±1	0,33	CuZn	1301391	—
e	F630 with locking notch	1±2,5	0,35	CuZn	1301650	—
	F630 with locking notch	1±2,5	0,35	CuZn-Sn	1101650	1701650
f	F630	0,5±1,5	0,40	CuZn	1301402	—
	F630	1±2,5	0,40	CuZn-Sn	—	1701655
	F630	1±2,5	0,40	CuZn	1301400	—
	F630	1±2,5	0,40	CuZn-Sn	1101400	—
g	M630 with locking notch	0,75±2	0,4	CuZn-Sn	1101660	—
	M630 with locking notch	0,75±2	0,4	CuZn	1301660	—
	M630 with locking notch	0,75±2	0,4	CuZn	1901660	—
	M630 with locking notch	4÷6	0,4	CuZn-Sn	1101662	—
h	M630	0,5±1	0,4	CuZn	1301411	—
	M630	1±2,5	0,4	CuZn-Sn	1101412	—
	M630	1±2,5	0,4	CuZn-Sn	1951194	—
	M630	1±2,5	0,4	CuZn	1301412	—

A FASTON joint carries current through a spring contact, not a clamped one. Support the cable so the joint is never used to take the weight of the run, and never stack two receptacles on one tab.

Box MOQ 100 or 200; inner box 2400 or 4800 pcs on the references so packed; reel MOQ 1500.

Tab widths in this table are the nominal FASTON sizes: F280 is 2,8 mm, F480 is 4,8 mm, F630 is 6,3 mm. The material thickness column is the thickness of the terminal stock, not of the tab it engages.

Plain brass (CuZn) terminals are for dry, protected positions inside a console or panel. Specify the tinned (CuZn-Sn) version anywhere the joint can see salt air.

The inner box quantity is the pack inside the outer box; where two figures are shown for one reference, the second is the reel quantity for applicator crimping.

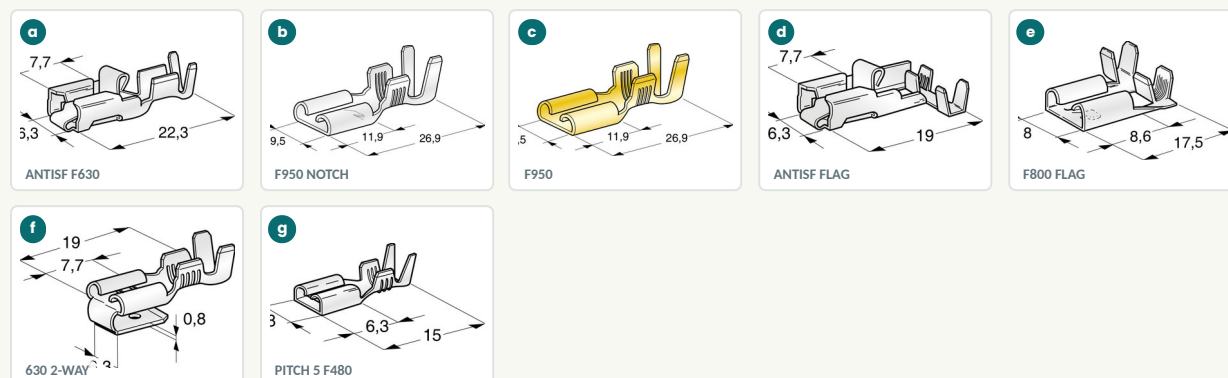
Cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae.

FASTON terminals & seal-connector contacts

MTA — THE 2,8, 4,8, 6,3 AND 9,5 MM FASTON RANGE, PLAIN AND WITH LOCKING NOTCH

ANTI-SLIDE, FLAG & TWIN FORMS

FASTON terminals II



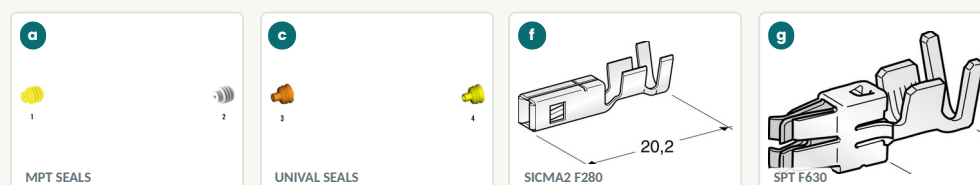
The specials: **ANTISF** anti-slide receptacles that grip the tab on both faces, the 9,5 mm **F950**, the flag forms that turn the cable 90° to the tab, a two-way 6,3 receptacle and the 5 mm pitch **F480** for the fuse box.

	Description	Wire mm ²	Thk mm	Material	P/N box	P/N reel	MOQ
a	ANTISF F630	0,5÷1,5	0,4	CuZn-Sn	1107000	—	50
	ANTISF F630	2,5÷4	0,4	CuZn-Sn	1107010	—	50
b	F950 with locking notch	6÷10	0,4	CuZn-Sn	1101720	—	100
c	F950	3÷6	0,4	CuZn	1301420	—	100
d	ANTISF F630 flag	0,51÷1,03	0,4	CuZn-Sn	1107020	—	50
e	F800 flag with locking notch	1÷2,5	0,4	CuZn-Sn	1101680	—	50
f	630 2-way	0,8÷2,5	0,4	CuZn-Sn	1301501	—	100
g	Pitch 5 F480	0,5÷1,5	0,35	CuZn-Sn	—	1701940	12000

1701940 is supplied on reel only; all other references are supplied in box.

MPT SEALS & SPECIAL CONNECTOR CONTACTS

MPT seals & JPT / SICMA2 / SPT



The silicone gaskets and sealing plugs for the MPT WP terminals and the splash proof UNIVAL holder, and the contacts for the JPT, SICMA2 and SPT connector systems used across the module range.

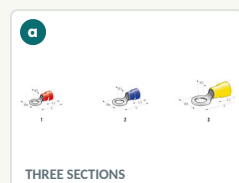
	Description	Wire mm ²	Thk mm	Material	Colour	P/N box	MOQ
a	Gasket for MPT WP terminals	2,5÷4	—	Silicon	Yellow	4551903	4000
b	Sealing plug for MPT terminals	—	—	Silicon	White	4423721	2500
c	Gasket for splash proof UNIVAL holder	0,5÷1,5	—	Silicon	Orange	4507770	1000
d	Gasket for splash proof UNIVAL holder	2÷3	—	Silicon	Yellow	4507771	1000
e	JPT F280	0,2÷0,5	0,32	CuSn-Sn	—	1105615	100
	JPT F280	0,5÷1	0,32	CuSn-Sn	—	1105620	100
	JPT F280	1,5÷2,5	0,32	CuSn-Sn	—	1105630	100
f	SICMA2 F280	0,35÷0,75	0,35	CuZn-Sn	—	1105660	100
	SICMA2 F280	1÷2,5	0,35	CuZn-Sn	—	1105670	100
g	SPT F630	2,5÷4	0,40	CuZn-Sn	—	1102050	100

Insulated terminals

MTA — PVC AND PA66 INSULATED RINGS, PUSH-ONS, BULLETS AND BUTTS, RED / BLUE / YELLOW BY SECTION

CU-SN BARREL / PA66 SLEEVE

Insulated ring terminals



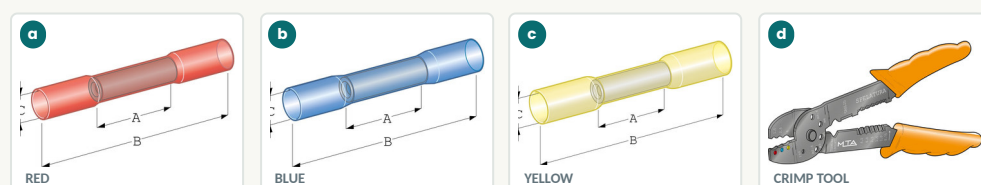
The insulated ring in the three standard colour bands: **red** for 0,25 – 1 mm², **blue** for 1 – 2,5 mm² and **yellow** for 2,5 – 6 mm². Tinned copper barrel in a PA66 sleeve; specify by inner hole diameter Øi.

	Wire mm ²	Øi mm	Øe mm	L mm	L1 mm	Thk mm	P/N box	MOQ
a	0,25-1÷1	3,2	5,5	18,0	10,5	0,75	1853050	100
	0,25-1÷1	3,7	5,5	18,0	10,5	0,75	1853060	100
	0,25-1÷1	4,3	6,6	20,1	10,5	0,75	1853070	100
	0,25-1÷1	5,3	8,0	21,5	10,5	0,75	1853150	100
	0,25-1÷1	6,4	11,6	27,4	10,5	0,75	1853200	100
	0,25-1÷1	8,4	11,6	27,4	10,5	0,75	1853250	100
	1÷2,5	4,3	8,5	23,0	11,0	0,80	1857100	100
	1÷2,5	5,3	8,5	23,0	11,0	0,80	1857150	100
	1÷2,5	6,4	12,0	28,0	11,0	0,80	1857200	100
	1÷2,5	8,4	12,0	28,0	11,0	0,80	1857250	100
	2,5÷6	4,3	7,2	23,5	14,0	1	1863100	50
	2,5÷6	5,3	9,5	27,0	14,0	1	1863150	50
	2,5÷6	6,4	12,0	30,5	14,0	1	1863200	50
	2,5÷6	8,4	15,0	35,2	14,0	1	1863250	50
	2,5÷6	10,4	15,0	35,2	14,0	1	1863300	50

All fifteen are Cu-Sn barrel in a PA66 sleeve.

HEAT SHRINK BUTTS & THE CRIMP TOOL

Heat shrink connectors



The heat shrink butt seals the splice against water as the sleeve is shrunk down — the only in-line joint that should be used below deck or in a bilge. **Cu-Sn barrel, 0,8 mm**, in a polyethylene sleeve; body length **A 15 mm**, overall **B 37 or 41 mm**.

	Description	Wire mm ²	A mm	B mm	C mm	P/N box	MOQ
a	Butt, heat shrink	0,75÷1,25	15,00	37,0	4,2	1880230	100
b	Butt, heat shrink	1,25÷2,50	15,00	37,0	4,9	1880240	100
c	Butt, heat shrink	2,5÷6	15,00	41,0	6,4	1880250	50
d	Crimping tool for insulated terminals	0,25÷6	—	—	—	9602460	1

Shrink the sleeve with a hot air gun, not a naked flame. A butt joint should never be left as the only support for a cable run — clip the cable both sides of the splice.

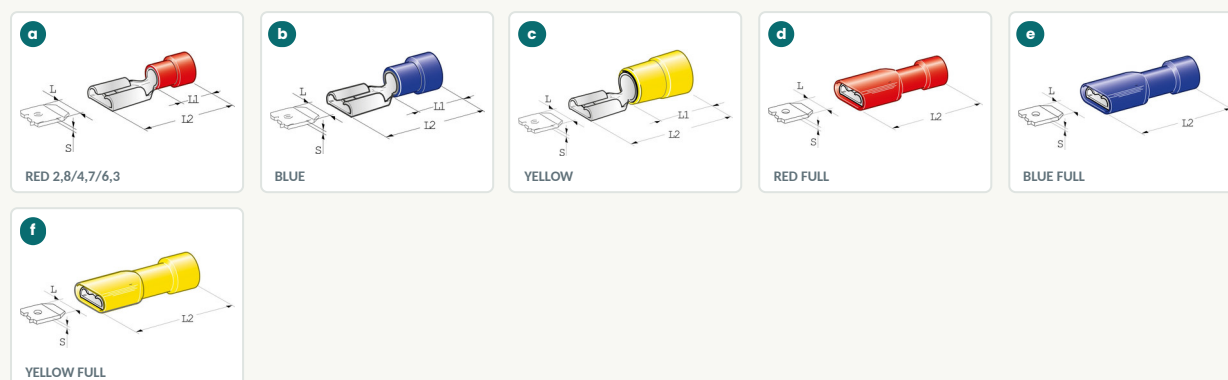
Bulk and reel quantities for production build are available against schedule — 800BOATS.

Insulated terminals

MTA — PVC AND PA66 INSULATED RINGS, PUSH-ONS, BULLETS AND BUTTS, RED / BLUE / YELLOW BY SECTION

INSULATED PUSH-ON • FEMALE

Push-on terminals – female



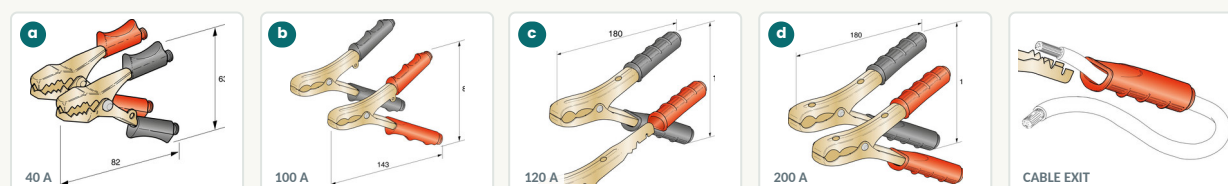
The insulated female push-on in 2,8, 4,7 and 6,3 mm tab widths. The fully insulated versions (d, e, f) close over the back of the tab as well, which is what a wet locker needs.

	Wire mm ²	S mm	L mm	L1 mm	L2 mm	Thk mm	P/N box	MOQ
a	0,25÷1	0,8	2,8	10,0	18,5	0,30	1850400	100
	0,25÷1	0,8	4,7	10,0	19	0,40	1850300	100
	0,25÷1	0,8	6,3	12,0	21	0,40	1851000	100
b	1÷2,5	0,8	2,8	10,0	19	0,30	1854400	100
	1÷2,5	0,8	6,3	12,0	21,0	0,40	1855000	100
c	2,5÷6	0,8	6,3	13,0	22,4	0,40	1861000	50
d	0,25÷1	0,8	6,3	—	23,5	0,40	1851500	100
e	1÷2,5	0,8	6,3	—	23,5	0,40	1855500	100
f	2,5÷6	0,8	6,3	—	24,0	0,40	1860500	50

CuZn-Sn barrel, PVC sleeve throughout.

COPPER JAWS • 40 – 200 A

Charging clips – light



The charging clip is a Fe-Zn half-body with copper jaws, a C70 steel spring and a PVC insulating handle. Supplied in matched red and black pairs; the jaw opening and cable range rise with the rating.

Body lengths 82 mm (40 A), 143 mm (100 A) and 180 mm (120 and 200 A).

	Description	Amp	Colour	Wire mm ²	P/N bulk	MOQ
a	Charging clip	40 A	Red	6÷10	4914221	300
	Charging clip	40 A	Black	6÷10	4914222	300
b	Charging clip	100 A	Red	10÷25	4914256	200
	Charging clip	100 A	Black	10÷25	4914257	200
c	Charging clip	120 A	Red	10÷35	4914258	100
	Charging clip	120 A	Black	10÷35	4914259	100
d	Charging clip	200 A	Red	10÷35	4914262	100
	Charging clip	200 A	Black	10÷35	4914264	100

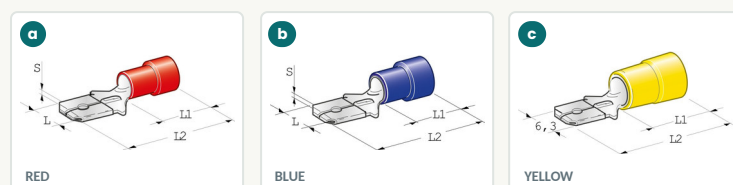
Custom Marine can supply any item on this page as part of a complete panel build — 800BOATS.

Insulated terminals

MTA — PVC AND PA66 INSULATED RINGS, PUSH-ONS, BULLETS AND BUTTS, RED / BLUE / YELLOW BY SECTION

INSULATED PUSH-ON • MALE

Push-on terminals – male



The matching insulated male blade, in 2,8, 4,7 and 6,3 mm, on the same three colour bands.

	Wire mm ²	L mm	L1 mm	L2 mm	Thk mm	P/N box	MOQ
a	0,25÷1	2,8	10	17,0	0,80	1850450	100
	0,25÷1	6,3	12	21,0	0,80	1852000	100
b	1÷2,5	4,7	10	19,5	0,50	1854550	100
	1÷2,5	6,3	12	21,0	0,80	1856000	100
c	2,5÷6	6,3	13	22,5	0,80	1862000	100

CuZn-Sn barrel, PVC sleeve throughout.

SELF-STRIPPING & T-CONNECTIONS

Self stripping terminals



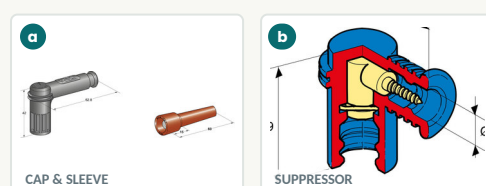
The self-striping connector cuts through the insulation as the shell is closed, so a spur can be taken off an existing run without cutting it. 19,5 × 13 mm body, 9 mm high; the T-connection version is 14,7 mm deep.

	Description	Wire mm ²	Material	Thk mm	P/N box	P/N bulk
a	Self-striping	0,25÷1	CuZn-Sn PP	—	4410090	4510090
b	Self-striping	1÷2,5	CuZn-Sn PP	—	4410091	4510091
c	T-connections	0,25÷1	CuZn-Sn PA66 V094	—	4410096	4510096
d	M630	0,25÷1	CuZn-Sn PVC	0,80	1852400	—

Box MOQ 100 on the self-striping and 50 on the T-connection and M630; bulk MOQ 10000, 10000 and 1000.

IGNITION LEAD CAPS & SUPPRESSORS

Spark plug caps



For a petrol engine or outboard: an EPDM spark plug cap, a wire-wound suppressor rated 5000 Ω that keeps ignition noise out of the vessel's electronics, and a 7 mm EPDM / CuZn cap for the plug lead.

	Description	Resistance Ω	Material	P/N box	P/N bulk	MOQ
a	Spark plug cap, type D	5000	EPDM	—	1900930	450
b	Suppressor with wire wound resistor	5000	PBT GF20	1000618	—	50
c	Spark plug cap, 7 mm	—	EPDM CuZn	1200590	1900590	50

Cap bores Ø 12 mm, Ø 8 mm and SAE Ø 6,4 mm. The type D cap is a bulk reference only. The MOQ column is the box minimum where a box reference is shown; the bulk minimum is 450 on 1900930 and 1000 on 1900590.

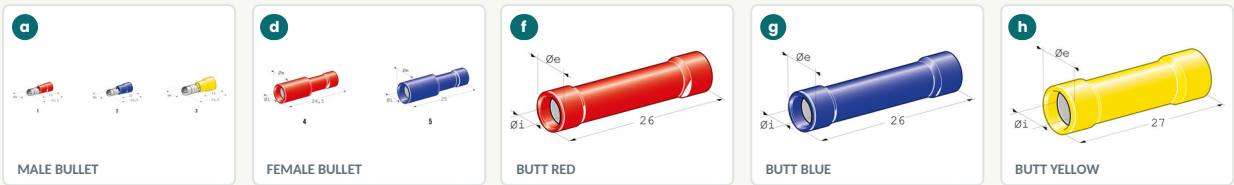
Specification support, drawings and sample parts are available to naval architects and yards — custommarine.ae.

Insulated terminals

MTA — PVC AND PA66 INSULATED RINGS, PUSH-ONS, BULLETS AND BUTTS, RED / BLUE / YELLOW BY SECTION

INSULATED BULLET & BUTT CONNECTORS

Bullet & butt connectors



The bullet connector makes a round in-line joint that can be broken for service; the butt connector makes a permanent in-line splice. Both in **CuZn-Sn** with a **0,40 mm** PVC sleeve on the three standard colour bands.

	Description	Wire mm ²	Øi mm	Øe mm	P/N box	MOQ
a	Male bullet	0,25÷1	—	4,0	1864000	100
b	Male bullet	1÷2,5	—	4,0	1864300	100
c	Male bullet	2,5÷6	—	5,0	1864700	100
d	Female bullet	0,25÷1	3,86	6,3	1864100	100
e	Female bullet	1÷2,5	3,86	6,3	1864400	100
	Female bullet	1÷2,5	4,85	7,0	1864600	50
f	Butt	0,25÷1	1,70	4,0	1868000	100
g	Butt	1÷2,5	2,30	4,6	1868100	100
h	Butt	2,5÷6	3,40	6,4	1868200	50

PA66 V2 · UL94 · -40°C TO +85°C

Self extinguishing cable ties



Self-extinguishing ties in **PA66 V2 to UL94**, rated **-40°C to +85°C**. Eighteen lengths from **98 mm** to **750 mm** in four widths; the **Kg** column is the loop tensile strength. Bag MOQ 100.

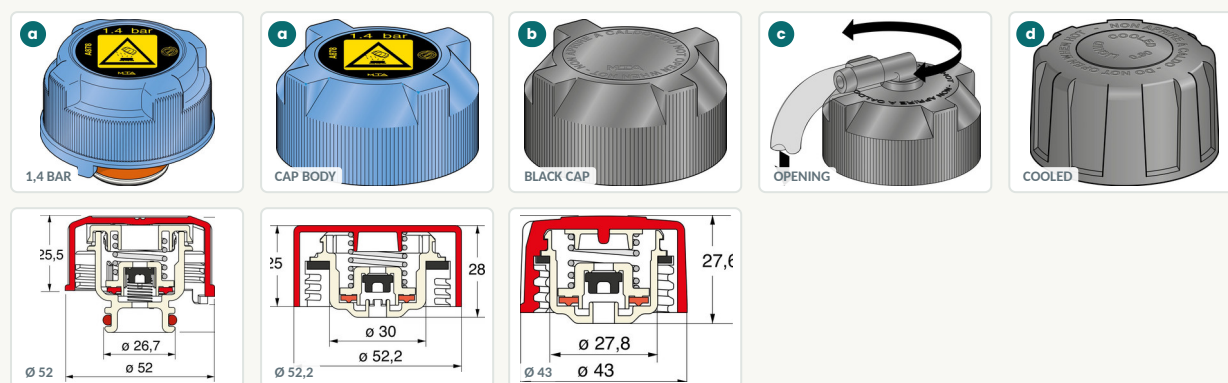
	L mm	S mm	Ø mm	Kg	P/N white	P/N black
a	98	2,5	20	8	—	4621410
	135	2,5	25	8	—	4621420
	200	2,6	50	8	—	4621430
	140	3,6	30	13	—	4621440
	290	3,6	75	13	4621150	4621450
	160	4,5	36	18	—	4621460
	178	4,8	40	22	—	4621470
	200	4,8	50	22	4621180	4621480
	250	4,8	62	22	—	4621490
	290	4,8	75	22	4621200	4621500
	360	4,8	100	22	4621210	4621510
	180	7,8	40	54	—	4621530
	240	7,8	50	54	—	4621540
	300	7,8	77	54	—	4621550
	365	7,8	100	54	4621260	4621560
	450	7,8	125	54	—	4621570
	540	7,8	150	54	—	4621580
	750	7,8	200	54	—	4621590

Cooling circuit pressure caps & level sensors

MTA — CALIBRATED PRESSURE / DEPRESSION CAPS IN PP GF30, AND THE COOLANT LEVEL SENSOR RANGE

CALIBRATED PRESSURE / DEPRESSION CAPS

Expansion & header tank caps



The cap on a heat exchanger or header tank holds the circuit above atmospheric pressure so the coolant boiling point is raised, and lets air back in as the engine cools. It is a calibrated part — fitting the wrong pressure rating changes the boiling point of the whole circuit.

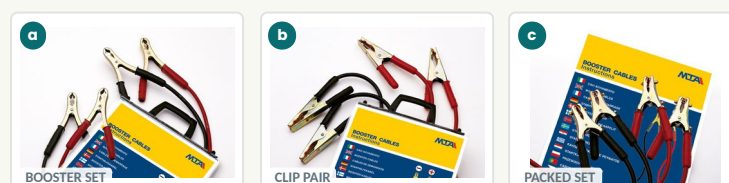
Every cap is PP GF30 with a depression setting of 0,04 – 0,10 bar. Seat diameters Ø 26,7 to Ø 30 mm in bodies of Ø 43 to Ø 52,2 mm.

	Description	Pressure bar	Depression bar	Colour	P/N box	P/N bulk	MOQ
a	Radiator cap	1	0,04 – 0,10	Blue	—	5056005	500
	Radiator cap	1,4	0,04 – 0,10	Blue	5014877	5056000	500
b	Radiator cap	1	0,04 – 0,10	Black	5014862	5050123	200
	Radiator cap	1,4	0,04 – 0,10	Blue	5014873	5050103	200
c	Radiator cap	1	0,04 – 0,10	Black	5014861	5114861	200
	Radiator cap	1,2	0,04 – 0,10	Black	—	5050124	200
d	Radiator cap	0,5	0,04 – 0,10	Black	5014900	5050090	200
	Radiator cap	1	0,04 – 0,10	Black	5014901	5114901	200
	Radiator cap	1,4	0,04 – 0,10	Blue	—	5050108	200
	Radiator cap	0,9	0,04 – 0,10	Black	—	5050097	270
	Radiator cap	1,1	0,04 – 0,10	Black	—	5050121	270

Never open a pressure cap on a hot circuit. Let the coolant fall below 50°C, then release the first detent and wait for the pressure to vent before lifting the cap.

HI-FLEX SETS · 120 – 600 A

Booster cables



Made-up booster sets in hi-flex cable with the clips already fitted — the pair to keep aboard for starting a tender or a second engine. Lengths from 2,5 m to 5 m in 16 to 50 mm².

Supplied in a reusable bag with handles and instructions in 19 languages. Box MOQ 1.

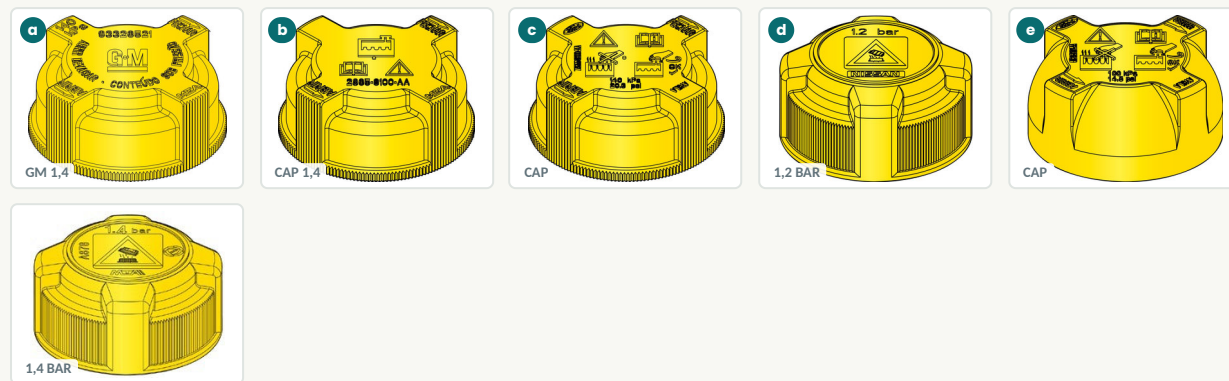
	Description	Material	Amp	Length mm	Wire mm ²	P/N box
a	Booster cables	Hi-flex	120 A	2500	16	4814271
	Booster cables	Hi-flex	120 A	2500	25	4814281
	Booster cables	Hi-flex	120 A	3500	25	4814282
b	Booster cables	Hi-flex	400 A	3500	25	4814290
	Booster cables	Hi-flex	400 A	5000	25	4814291
c	Booster cables	Hi-flex	500 A	5000	35	4814295
	Booster cables	Hi-flex	500 A	3500	50	4814373
	Booster cables	Hi-flex	600 A	5000	50	4814361

Cooling circuit pressure caps & level sensors

MTA — CALIBRATED PRESSURE / DEPRESSION CAPS IN PP GF30, AND THE COOLANT LEVEL SENSOR RANGE

RADIATOR PRESSURE CAPS · 1,0 TO 1,4 BAR

Pressure caps



The calibrated cooling-circuit caps, all **PP GF30**. Six are calibrated at **1,4 bar**, one at **1,2 bar** and two at **1,0 bar**; seven have a yellow body and two are black. Two references have a **0,15 bar** maximum depression rather than the usual 0,04 – 0,10 band.

	Description	Catalogue reference pattern	Pressure bar	Depression bar	Colour	P/N bulk	MOQ
a	Radiator cap	RADIATOR CAP GM	1,4	0,15 max	Yellow	5050140	500
b	Radiator cap	RADIATOR CAP (FORD)	1,4	0,04 – 0,10	Yellow	5050143	500
	Radiator cap	RADIATOR CAP (FORD)	1,4	0,04 – 0,10	Black	5050156	200
c	Radiator cap	RADIATOR CAP FORD	1,4	0,04 – 0,10	Yellow	5050147	500
	Radiator cap	RADIATOR CAP FORD	1,4	0,04 – 0,10	Black	5050155	200
d	Radiator cap	RADIATOR CAP FIAT	1,0	0,04 – 0,10	Yellow	5050126	500
	Radiator cap	RADIATOR CAP FIAT	1,4	0,04 – 0,10	Yellow	5050127	500
e	Radiator cap	RADIATOR CAP NISSAN	1,2	0,04 – 0,10	Yellow	5050227	500
	Radiator cap	RADIATOR CAP FORD TRUCK	1,0	0,15 max	Yellow	5050136	500

The catalogue reference pattern is MTA's own designation for the cap body, reproduced verbatim so a reference can be identified and re-ordered without ambiguity. It is an identification code, not a statement of application; select a cap on its calibrated pressure and depression figures.

FUEL & LUBRICATION FILLER CAPS

Filler caps



Calibrated filler caps for the fuel and lubrication circuits: red bodies at **0,35** and **0,6 bar** for petrol tanks, a yellow oil filler cap, and a plain black tank cap for a diesel tank.

	Description	Pressure bar	Depression bar	Material	Colour	P/N bulk	MOQ
a	Gasoline cap GM	0,35	0,08 max	PP GF30	Red	5050128	500
b	Gasoline cap FIAT	0,6	0,04 – 0,10	PP GF30	Red	5051108	500
c	Gasoline cap Renault	0,6	0,04 – 0,10	PP GF30	Red	5151137	500
d	Oil cap FIAT / Ford	—	—	PP GF30	Yellow	5050133	500
e	Diesel oil tank cap	—	—	PP	Black	5515870	5

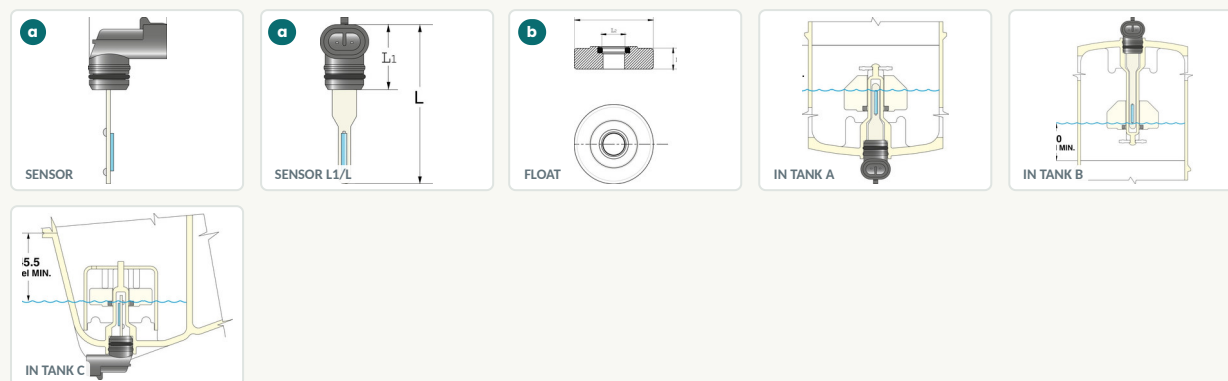
Custom Marine holds the fast-moving MTA references in Dubai and builds distribution units to your circuit schedule — 800BOATS.

Cooling circuit pressure caps & level sensors

MTA — CALIBRATED PRESSURE / DEPRESSION CAPS IN PP GF30, AND THE COOLANT LEVEL SENSOR RANGE

COOLANT LEVEL SENSORS & FLOATS

Level sensors



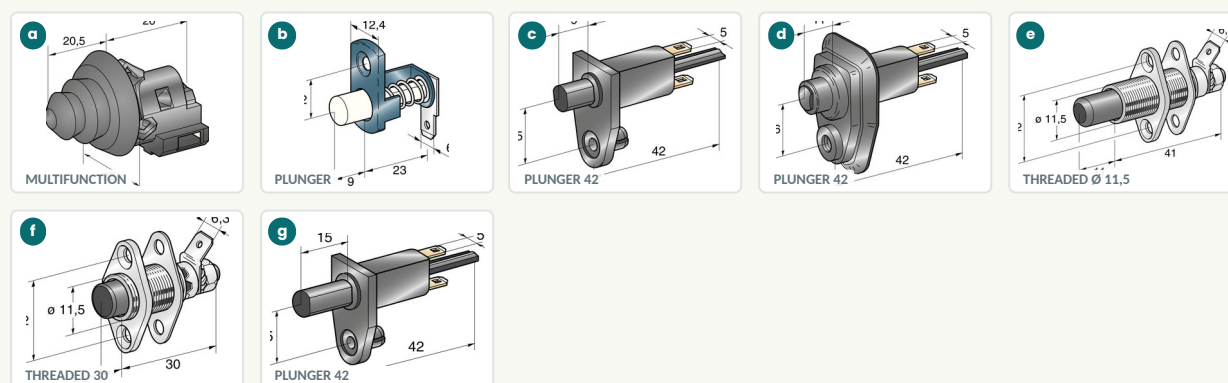
A float sensor screwed into the header tank gives a low-coolant alarm before the circuit runs dry. Three body types — A, B and C — differ in immersed length and therefore in the level at which they switch; the sectional drawings show the minimum level for each.

	Description	Type	L mm	L1 mm	L2 mm	Material	P/N
a	Level sensor	A	64,4	26,4	30,9	PA66	7050088
	Level sensor	B	84,4	26,4	30,9	PA66	7050096
	Level sensor	C	53,7	26,4	30,9	PA66	7050092
	Level sensor	A	64,4	26,4	30,9	PA66	7050100
	Level sensor	A	64,4	26,4	30,9	PA66	7050101
b	Float	A	42	11	11,4	PA light blue	7057093
	Float	C	42	11	11,4	PP white	7057092

MOQ 600 (7050088, 7050092, 7050100, 7050101), 400 (7050096), 1000 (7057093) and 700 (7057092). Minimum switching levels 30, 30 and 45,5 mm for types A, B and C.

PLUNGER CONTACTS

Press switches



Plunger switches close a circuit when a hatch, locker or engine cover is opened — the usual way to switch a locker light or feed an alarm loop. Bodies from 23 mm to 42 mm long, in flange-mount and Ø 11,5 mm threaded forms.

	Description	Catalogue reference pattern	Plunger mm	Body L mm	P/N box	MOQ
a	Press switch, multifunctional	MULTIFUNCTIONAL	—	—	4209655	1
b	Press switch, plunger type	DOORS	9	23	4209500	1
c	Press switch, plunger type	DOORS	9	42	4209520	1
d	Press switch, plunger type	DOORS	11	42	4209530	1
e	Press switch, threaded body Ø 11,5	ALARM, DOORS	11	41	4209570	1
f	Press switch, threaded body Ø 11,5	ALARM, DOORS	4,5	30	4209580	1
g	Press switch, plunger type	—	15	42	4209590	1

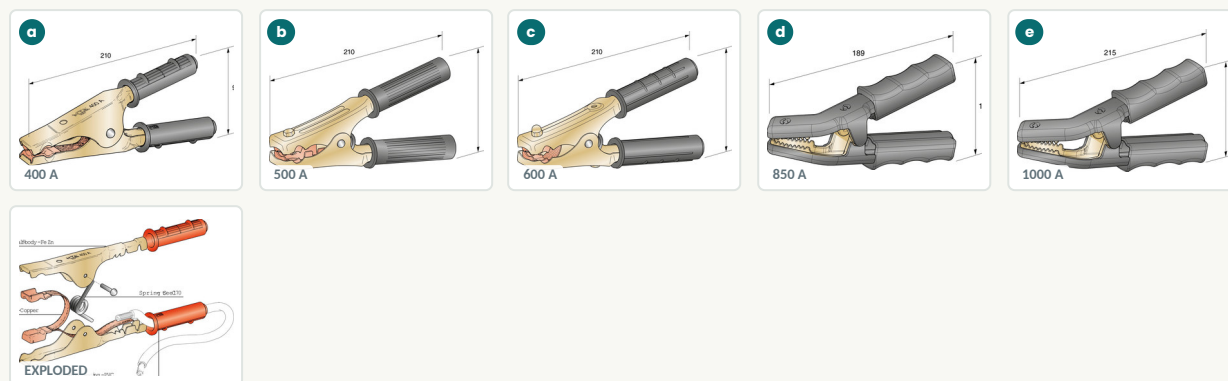
Plunger is the projection ahead of the mounting face, body L the length behind it; together they identify every reference here. Flange height 12 mm (b), 15 mm (c, g), 16 mm (d), 22 mm (e, f). The reference pattern is the vehicle-neutral part of MTA's designation.

Charging clips & booster cables

MTA — COPPER-JAWED CLIPS FROM 40 A TO 1000 A AND MADE-UP HI-FLEX BOOSTER SETS

COPPER JAWS • 400 – 1000 A

Charging clips – heavy



The heavy clips for engine starting and bank paralleling. Bodies **210 mm** (400 – 600 A), **189 mm** and **215 mm** on the 850 and 1000 A sets. The 1000 A reference is supplied as a red and black pair.

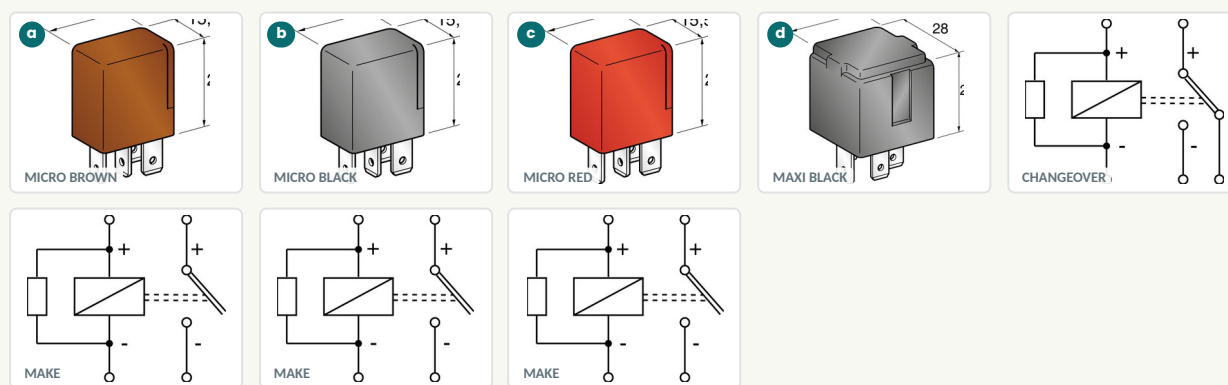
Construction: Fe-Zn or brass half-body, copper terminal, C70 steel spring, PVC insulating handle; the 1000 A clip adds a PE outer protection and a screwed brass cable fastener.

	Description	Amp	Colour	Wire mm ²	P/N bulk	P/N box	MOQ
a	Charging clips	400 A	Red	10÷30	4914267	—	50
	Charging clips	400 A	Black	10÷30	4914268	—	50
b	Charging clips	500 A	Red	35÷50	4914312	—	25
	Charging clips	500 A	Black	35÷50	4914313	—	25
c	Charging clips	600 A	Red	50	4914322	—	25
	Charging clips	600 A	Black	50	4914323	—	25
d	Charging clips	850 A	Red	25÷70	—	4914327	17
	Charging clips	850 A	Black	25÷70	—	4914326	17
e	Charging clips	1000 A	Red + black	35÷70	—	4814332	4

The 400, 500 and 600 A clips are supplied bulk; the 850 and 1000 A clips are supplied in box.

ISO MICRO & MAXI • 12 V COILS

Relays



Four **12 V** relays on the ISO micro and maxi footprints, colour coded by rating so a board can be checked at a glance. All are rated **–40°C to +125°C** and quoted at **80°C** ambient. The schematics show the changeover and make-contact arrangements.

	Description	Colour	Rated current at 80°C	Voltage	Temp. range	P/N box
a	Micro relay	Brown	10 A (NC) · 20 A (NO)	12 V	–40°C / +125°C	0603000
b	Micro relay	Black	20 A (NO)	12 V	–40°C / +125°C	0603010
c	Micro relay	Red	30 A (NO)	12 V	–40°C / +125°C	0603020
d	Maxi relay	Black	50 A (NO)	12 V	–40°C / +125°C	0603050

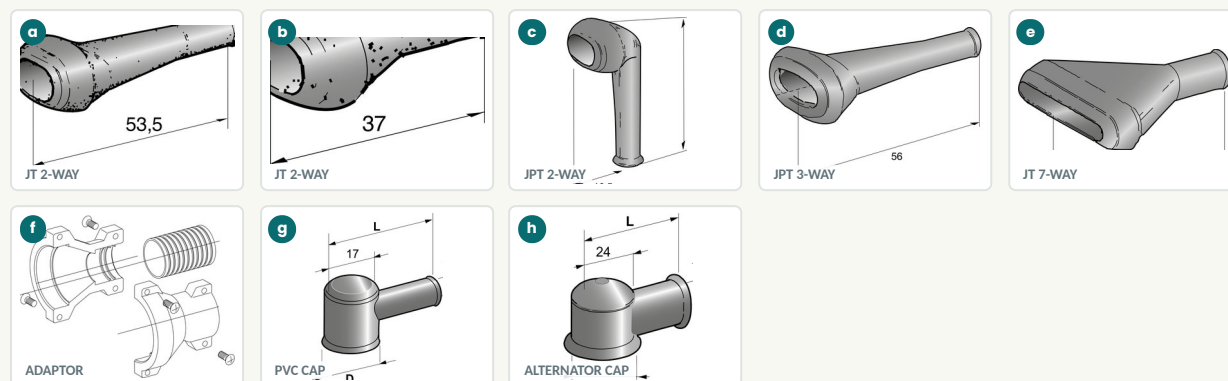
Box MOQ 1. Micro relay body 15,8 × 28 mm; maxi relay 28 mm wide. Holders for both footprints are listed in the holder section.

Relays, switches, caps & cable management

MTA — MICRO AND MAXI RELAYS, PLUNGER SWITCHES, CONNECTOR CAPS, TIES, TAPE AND BONDING STRAPS

CONNECTOR & TERMINAL CAPS

Rubber and PVC caps



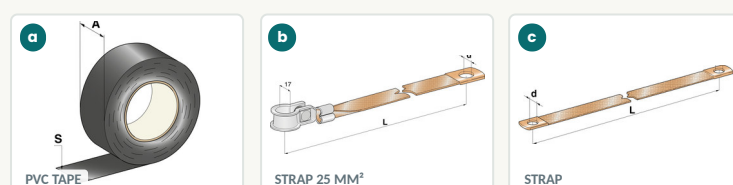
Rubber boots that close an unmated JT or JPT connector against spray, a PA66 connector adaptor, three PVC end caps for cable tails and a CR60 alternator terminal cap.

	Description	Way / L mm	d mm	D mm	Material	P/N bulk	MOQ
a	Cap for connector JT	2	—	—	Rubber	4520901	500
b	Cap for connector JT	2	—	—	Rubber	4520902	500
c	Cap for connector JPT	2	—	—	Rubber	4520911	500
d	Cap for connector JPT	3	—	—	Rubber	4520921	500
e	Cap for connector JT	7	—	—	Rubber	4520931	500
f	Adaptor for connectors	44,6	—	—	PA66	4551575	500
g	Cap	37 / 41 / 61	6 / 7,5 / 9	11 / 15 / 16	PVC	4410300	100
h	Alternator cap	48	11	21	CR60	4510400	500

The three PVC caps are ordered separately: 4410300 (L 37), 4410310 (L 41) and 4410320 (L 61), all black, box MOQ 100.

SELF EXTINGUISHING TAPE & BONDING STRAPS

Tape & ground connections



Self-extinguishing PVC V0 insulating tape in 15 and 19 mm widths, a rayon cloth tape, and braided copper earth straps that bond the engine to the hull ground — the connection a surveyor will look for first.

	Description	Material	Colour	A mm (width)	L mm	S mm	P/N box	MOQ
a	Self-extinguishing insulating tape	PVC-V0	Black	15	10000	0,15	4640100	10
	Self-extinguishing insulating tape	PVC-V0	Black	15	25000	0,15	4640200	10
	Self-extinguishing insulating tape	PVC-V0	Black	19	25000	0,15	4640300	10
	Self-extinguishing insulating cloth tape	Rayon	Black	19	25000	0,28	0100302	96

Bonding straps

	Description	Wire section mm²	d mm	L mm	P/N box	MOQ
b	Earth connection	25	12,5	400	2508682	1
c	Earth connection	10	8,4	280	2508652	1
	Earth connection	15	10,4	330	2508660	1
	Earth connection	15	10,4	450	2508661	1
	Earth connection	15	10,4	280	2508662	1
	Earth connection	15	10,4	210	2508663	1
	Earth connection	25	12,5	320	2508670	1
	Earth connection	25	12,5	400	2508672	1

Tape: A is the width, S the thickness, L the roll length in millimetres (10000 mm = 10 m). Straps: d is the ring hole diameter, L the overall length; MTA publishes no strap material, so none is stated.

Peters Indu-Produkt over-moulded assemblies

PIP — MADE IN GERMANY · SEALED, READY-TERMINATED CONNECTION LEADS TO IP 69K FOR THE VESSEL

QUALITY AND INNOVATION FROM GERMANY

Over-moulded connection systems



Peters Indu-Produkt was founded in 1974 and builds over-moulded connector assemblies in its own factory in Wesel. The range covers the four connector systems a boatbuilder meets most often on engines, gearboxes, thrusters and hydraulic packs: **Tyco AMP Superseal 1,5**, **Deutsch DT**, **Tyco Junior Power Timer** and **Delphi Metri-Pack**, plus the **ST3 / DIN9680** power connector.

Because the connector is moulded onto the cable rather than crimped and assembled on the bench, the joint is sealed to **IP 69K**, has a much higher extraction force and takes up a shorter length behind the connector — three things that matter in an engine space. A **LED indicator** or **surge suppression** can be built into the moulding to order.

Feature	What it gives you on board
Protection class	Up to IP 69K — withstands high-pressure, high-temperature wash-down
Extraction force	Optimal strain relief: the cable cannot be pulled out of the connector
Construction length	Short over-mould, so the lead can turn tightly behind a bulkhead
Temperature range	–20°C to +80°C ambient on every assembly
Housing material	PA throughout
Optional circuits	LED indication and diode or varistor surge suppression on request
Custom work	Customer-specific connectors and cable types built to order in the same factory

Every assembly on the following pages is supplied ready-terminated in the stated length. Other lengths, cable types and pole counts are quoted on application.

DEUTSCH DT SERIES · 2 AND 3 POLE

Deutsch DT — 2 & 3 pole



The Deutsch DT is the connector fitted to most marine diesel engine looms, gearbox senders and hydraulic valve blocks. PIP's over-moulded version is rated **0 to 230 V** and **13 A**, sealed to **IP 69K** with snap-lock retention.

Each size is offered as a **male** lead, a **female** lead and a **connecting cable** with a connector at both ends.

	Type	Connector	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Male	DT04-2P	2 × 1,5 mm ²	922046	922047	922048
b	Female	DT06-2S	2 × 1,5 mm ²	922037	922038	922039
c	Connecting cable	DT 2-pole	2 × 1,5 mm ²	922107	922108	922109
d	Male	DT04-3P	3 × 1,5 mm ²	922165	922067	922068
e	Female	DT04-3S	3 × 1,5 mm ²	922166	922063	922064
f	Connecting cable	DT 3-pole	3 × 1,5 mm ²	922144	922145	922146

Fuse, holder, terminal and seal are specified together at Custom Marine so the assembly is right first time — 800BOATS.

Superseal 1,5 over-moulded leads

PIP — 0 TO 24 VDC · UP TO 14 A · IP 69K · SNAP-LOCK · 2 TO 6 POLE

AMP SUPERSEAL 1,5 SERIES · 2 AND 3 POLE

Superseal 1,5 — 2 & 3 pole



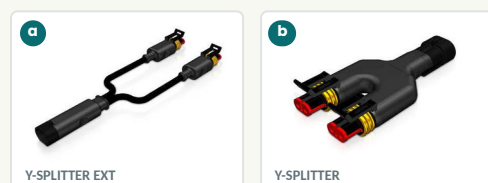
The Superseal 1,5 lead is the standard sealed control connection: **0 to 24 VDC**, continuous current to **14 A**, cable up to **2 × 1,5 mm²** or **3 × 1,5 mm²**, snap-lock retention, protection class up to **IP 69K**. Male and female halves are ordered separately in **2 m**, **5 m** and **10 m** made-up lengths.

	Type	Poles	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Male	2	2 × 1,5 mm ²	932068	932069	932070
	Female	2	2 × 1,5 mm ²	932071	932072	932073
b	Male	3	3 × 1,5 mm ²	932074	932075	932076
	Female	3	3 × 1,5 mm ²	932077	932078	932079

Housing material PA; temperature range -20°C to +80°C; LED and surge suppression available on request.

SUPERSEAL Y-SPLITTERS

Superseal 1,5 — Y-splitters



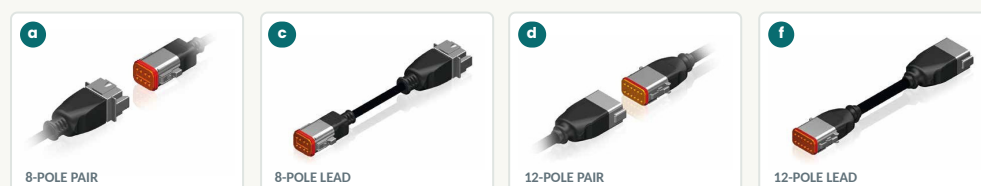
A moulded Y takes one feed to two devices without a junction box. Rated **0 to 24 VDC** and **13 A**, on the Superseal 1,5 two-pole connector, sealed to **IP 69K**.

The **Y-splitter extension** is supplied with a lead in four lengths; the plain **Y-splitter** is a connector-to-connector moulding. Other pole counts and versions to order.

	Type	Poles	Length	P/N
a	Y-splitter extension	2	0,5 m	932280
	Y-splitter extension	2	1 m	932281
	Y-splitter extension	2	2 m	932282
	Y-splitter extension	2	5 m	932285
b	Y-splitter	2	—	932181

DEUTSCH DT SERIES · 8 AND 12 POLE

Deutsch DT — 8 & 12 pole



The multipole DT sizes carry a whole engine or thruster loom in one plug: **8 × 1,5 mm²** and **12 × 1,5 mm²**, **0 to 230 V**, **13 A** per way, **IP 69K**.

	Type	Connector	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Male	DT04-8P	8 × 1,5 mm ²	922121	922122	922123
b	Female	DT06-8S	8 × 1,5 mm ²	922118	922119	922120
c	Connecting cable	DT 8-pole	8 × 1,5 mm ²	922153	922154	922155
d	Male	DT04-12P	12 × 1,5 mm ²	922116	922167	922168
e	Female	DT06-12S	12 × 1,5 mm ²	922169	922170	922171
f	Connecting cable	DT 12-pole	12 × 1,5 mm ²	922156	922157	922158

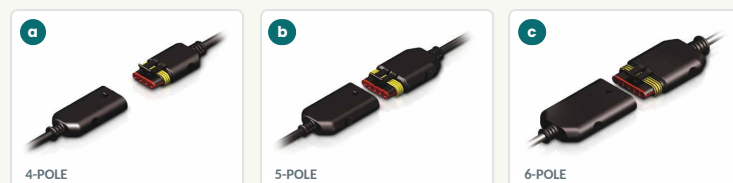
Ask Custom Marine for a wiring take-off measured against your general arrangement — 800BOATS · 800YACHTS.

Superseal 1,5 over-moulded leads

PIP — 0 TO 24 VDC · UP TO 14 A · IP 69K · SNAP-LOCK · 2 TO 6 POLE

AMP SUPERSEAL 1,5 SERIES · 4, 5 AND 6 POLE

Superseal 1,5 — 4, 5 & 6 pole



The same sealed lead in four, five and six pole. Rated **0 to 24 VDC** and **14 A** continuous throughout; cable up to **6 × 1,5 mm²** on the six-pole version.

	Type	Poles	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Male	4	4 × 1,5 mm ²	932080	932081	932082
	Female	4	4 × 1,5 mm ²	932083	932084	932085
b	Male	5	5 × 1,5 mm ²	932086	932087	932088
	Female	5	5 × 1,5 mm ²	932089	932090	932091
c	Male	6	6 × 1,5 mm ²	932092	932093	932094
	Female	6	6 × 1,5 mm ²	932095	932096	932097

DEUTSCH DT SERIES · 4 AND 6 POLE

Deutsch DT — 4 & 6 pole

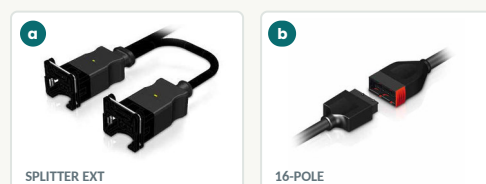


Four and six pole on the same DT platform: **0 to 230 V**, **13 A**, cable up to **4 ×** or **6 × 1,5 mm²**, **IP 69K**.

	Type	Connector	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Male	DT04-4P	4 × 1,5 mm ²	922049	922050	922051
b	Female	DT06-4S	4 × 1,5 mm ²	922040	922041	922042
c	Connecting cable	DT 4-pole	4 × 1,5 mm ²	922147	922148	922149
d	Male	DT04-6P	6 × 1,5 mm ²	922052	922053	922054
e	Female	DT06-6S	6 × 1,5 mm ²	922043	922044	922045
f	Connecting cable	DT 6-pole	6 × 1,5 mm ²	922150	922151	922152

SPLITTER EXTENSION & THE 16-POLE LOOM PLUG

Junior Power Timer — splitter & 16-pole



The splitter extension carries the same LED and suppression options in a **0,5 m** moulded Y. The **16-pole** assembly is the loom plug: **0 to 16 V**, **10 A**, cable **16 × 1,5 mm²**, **IPX 4K**, sliding-lock retention.

	Type	Poles	Cable	P/N 0,5 / 2 m	P/N 5 m	P/N 10 m
a	Splitter extension, LED and suppression	2	2 × 0,75 mm ²	924953	—	—
b	Male	16	16 × 1,5 mm ²	909007	909008	909009
	Female	16	16 × 1,5 mm ²	909010	909011	909012

The splitter extension is supplied in 0,5 m only; further sizes on request.

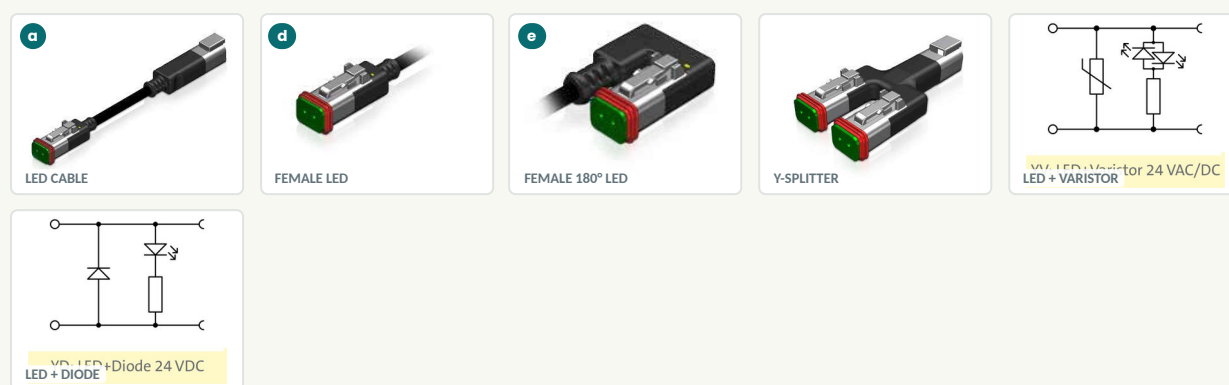
Crimp tooling, applicator-reel quantities and cut packs are available to order — custommarine.ae.

Deutsch DT with LED indication & splitters

PIP — MONITORED AND SURGE-SUPPRESSED TWO-POLE LEADS, AND THE MOULDED Y-SPLITTERS

DT06-2S / DT04-2P · LED + DIODE OR VARISTOR

Deutsch DT — LED versions



A yellow LED moulded into the connector shows at a glance that a solenoid or valve is energised, and the built-in **diode** or **varistor** absorbs the switch-off spike so it never reaches the rest of the system.

10 to 30 V, 2 A continuous, maximum load **60 W / 60 VA**, cable up to **2 × 1,5 mm²**. **YD** is LED + diode 24 VDC; **YV** is LED + varistor 24 VAC/DC.

	Type	Circuit	P/N 2 m	P/N 5 m	P/N 10 m
a	Connecting cable	LED + diode	922110	922111	922112
b	Connecting cable	LED + varistor	922113	922114	922115
c	Male DT04-2P	LED + diode	922101	922102	922103
	Male DT04-2P	LED + varistor	922104	922105	922106
d	Female DT06-2S	LED + diode	922302	922305	922310
	Female DT06-2S	LED + varistor	922202	922205	922210
e	Female 180° DT06-2S	LED + diode	922159	922160	922161
	Female 180° DT06-2S	LED + varistor	922162	922163	922164
f	Female 180° DT06-2S	Without circuit	922172	922173	922174

The Y-splitter DT06-2S/DT04-2P is 992334, rated 0 to 230 V and 11 A.

LED + DIODE OR VARISTOR · 2-POLE

Junior Power Timer — LED



The Junior Power Timer lead is the standard two-pole valve and solenoid connection, with a yellow LED and either a diode or a varistor moulded in. **10 to 30 V, 2 A**, maximum load **60 W / 60 VA**, **IPX 4K**, locking spring retention.

Two cable styles: a sheathed **power and control cable** at **2 × 0,75 mm²**, and **single conductors** in **FLRY 2 × 1,0 mm²** red / black.

	Type	Circuit	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	Power and control cable	LED + diode	2 × 0,75 mm ²	924302	924305	924310
b	Power and control cable	LED + varistor	2 × 0,75 mm ²	924202	924205	924210
c	Single conductors	LED + diode	FLRY 2 × 1,0 mm ²	914302	914305	914310
d	Single conductors	LED + varistor	FLRY 2 × 1,0 mm ²	914202	914205	914210

YD is LED + diode 24 VDC; YV is LED + varistor 24 VAC/DC.

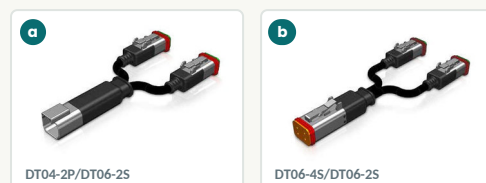
Custom Marine supports refit yards across the UAE with same-week supply on the references shown — 800BOATS.

Deutsch DT with LED indication & splitters

PIP — MONITORED AND SURGE-SUPPRESSED TWO-POLE LEADS, AND THE MOULDED Y-SPLITTERS

MOULDED Y-SPLITTER EXTENSIONS

Deutsch DT — Y-splitters



Two moulded Y-splitter extensions on the DT platform, both **0,5 m** long, rated **0 to 230 V** and **13 A**, sealed to **IP 69K**. Other pole combinations and lengths are made to order.

	Type	Connectors	Length	P/N
a	Y-splitter extension	DT04-2P/DT06-2S	0,5 m	923105
b	Y-splitter extension	DT06-4S/DT06-2S	0,5 m	923061

Housing material PA, snap-lock retention, -20°C to +80°C. LED and surge suppression available on request.

DELPHI METRI-PACK 150 & 150.2

Metri-Pack assemblies



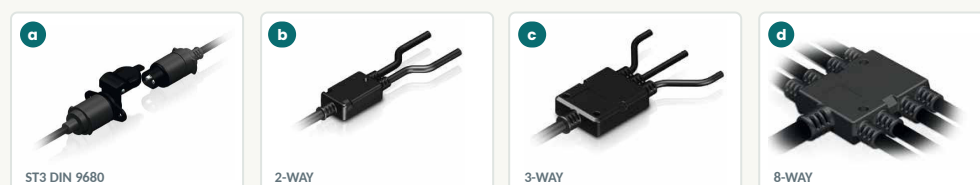
The Delphi Metri-Pack sealed assemblies, in a straight and a **90°** moulding. The six-pole uses the **150.2** series at **4 A** on **6 × 0,34 mm²**; the ten-pole uses the **150** series at **10 A** on **10 × 1,0 mm²**. Both **0 to 24 VDC**, **IP67**, snap-lock.

	Type	Poles	Cable	P/N 2 m	P/N 5 m	P/N 10 m
a	12162261 / female	6	6 × 0,34 mm²	909001	909002	909003
b	12162261 / female	6	6 × 0,34 mm²	909016	909017	909018
c	12065425 / female	10	10 × 1,0 mm²	909004	909005	909006

Temperature range -20°C to +80°C; housing material PA. Other cables on request.

ST3 · DIN 9680 · 25 A POWER CONNECTOR

DIN 9680 & custom splitters



The **ST3 to DIN 9680** is the **25 A** auxiliary power connector — the socket used for a portable searchlight, a pump or a heater. Rated **6 to 24 VDC**, **25 A**, cable **2 × 2,5 mm²** with pin 3 unused, **IP54**, socket retaining claw, **-25°C to +75°C**. A female version is available.

Pre-wired distribution splitters are built to order in two, three and eight way; quote the request number below with the cable length and connector type required.

	Type	Poles / ways	P/N or request no. 2 m	P/N 5 m	P/N 10 m
a	Male, ST3 DIN 9680	3	909013	909014	909015
b	Pre-wired splitter, made to order	2-way	99-002-2	—	—
c	Pre-wired splitter, made to order	3-way	99-002-3	—	—
d	Pre-wired splitter, made to order	8-way	99-002-8	—	—

Peters Indu-Produkt GmbH, Mercatorstrasse 41, 46485 Wesel, Germany. Other configurations on request.

Every part on these pages can be supplied loose, in box packs or on production reels — 800BOATS.