

LPA CONNECTION SYSTEMS



Long Life Reliability
does not cost the earth



**AIRCRAFT GROUND POWER SUPPLY
HARNESSES, CONNECTORS
& CABLE CARRIERS**

www.lpa-group.com



Long Life Reliability
does not cost the earth

LPA Group has over 100 years' experience in power connection solutions for the transport sector. The company has an ethos of manufacturing products offering low life cycle costs, good maintainability and good availability of spares.

LPA's worldwide network of customers comprises major international airlines, militaries and many of the busiest airports in the world. We recognise the importance of reliable power systems in these dynamic environments and thus ensure that our products, from Crocodile Cable Carriers to power connectors, are able to surpass the demanding expectations required of them.

LPA's products are carefully designed to support the efficiency and safety of ground handling staff and equipment with the aim of reducing lifetime costs, minimising risk, improving turnaround times and enabling environmental sustainability. The cost, both financial and environmental, of running aircraft-derived power (APU/main engines) quickly accumulates. With the customers' system and LPA's Crocodiles and connectors, we offer a cost effective and sustainable aviation power solution.

Aircraft Connectors are designed and manufactured to ISO 461:2003.

LPA is a member of the British Airport Services & Equipment Association - BASEA.





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- Lightweight and easily manoeuvrable
- Compact storage envelope
- Rapid FEGP connection

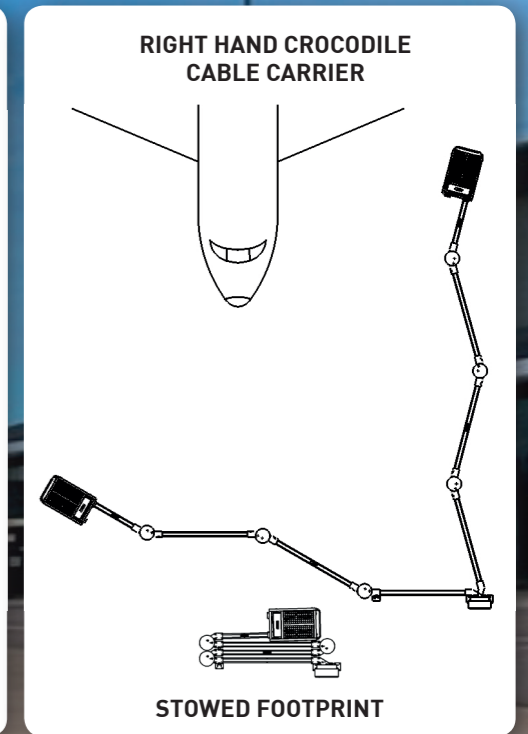
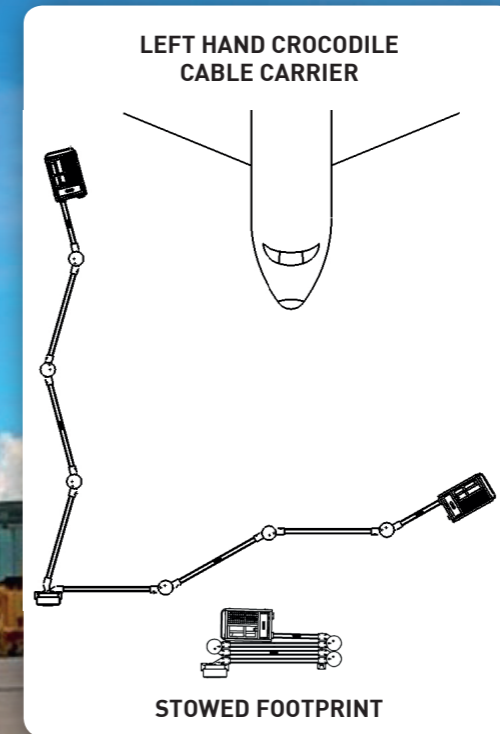
Crocodile Cable Carrier
Up to 30m long and up to 4 power outlets.



- Fast to deploy and 'at the plug' operation ensures APU usage is minimised, reducing financial and environmental costs
- Robust, cost effective and efficient cable delivery system from a fixed GPU to aircraft
- Available in 6 metre multiples up to 30m
- Improved health and safety of ground handling staff due to low resistance castors



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BASKET

- Can be moved easily underneath the aircraft to be close to the plug
- Configured with up to 4 power outlets and individual baskets for each cable
- Includes holsters for the socket to be inserted into and stored neatly
- Situated at an ergonomic height to reduce stretching when removing and replacing cables
- Wire mesh frame is durable yet easy to replace if damage is sustained

CONTROL BOX

- Power control switches situated next to the aircraft reducing the need to go to the fixed GPU to turn on the power
- Control box integrated within the frame to reduce the chance of damage
- Easy to replace cables from control box
- Protective cover over electronics for safety of maintenance staff

CASTORS

- Castors reduce the rolling resistance and improve the ease of handling compared to pulling cables
- Requires only a single operator to manually deploy
- Wheels and arms protect cables from damage

CABLING

- Cabling is clamped at each knuckle to ensure the cable does not come under strain during operation
- Enclosed arms ensure cables are protected from the environment
- Removable covers provide access to cabling

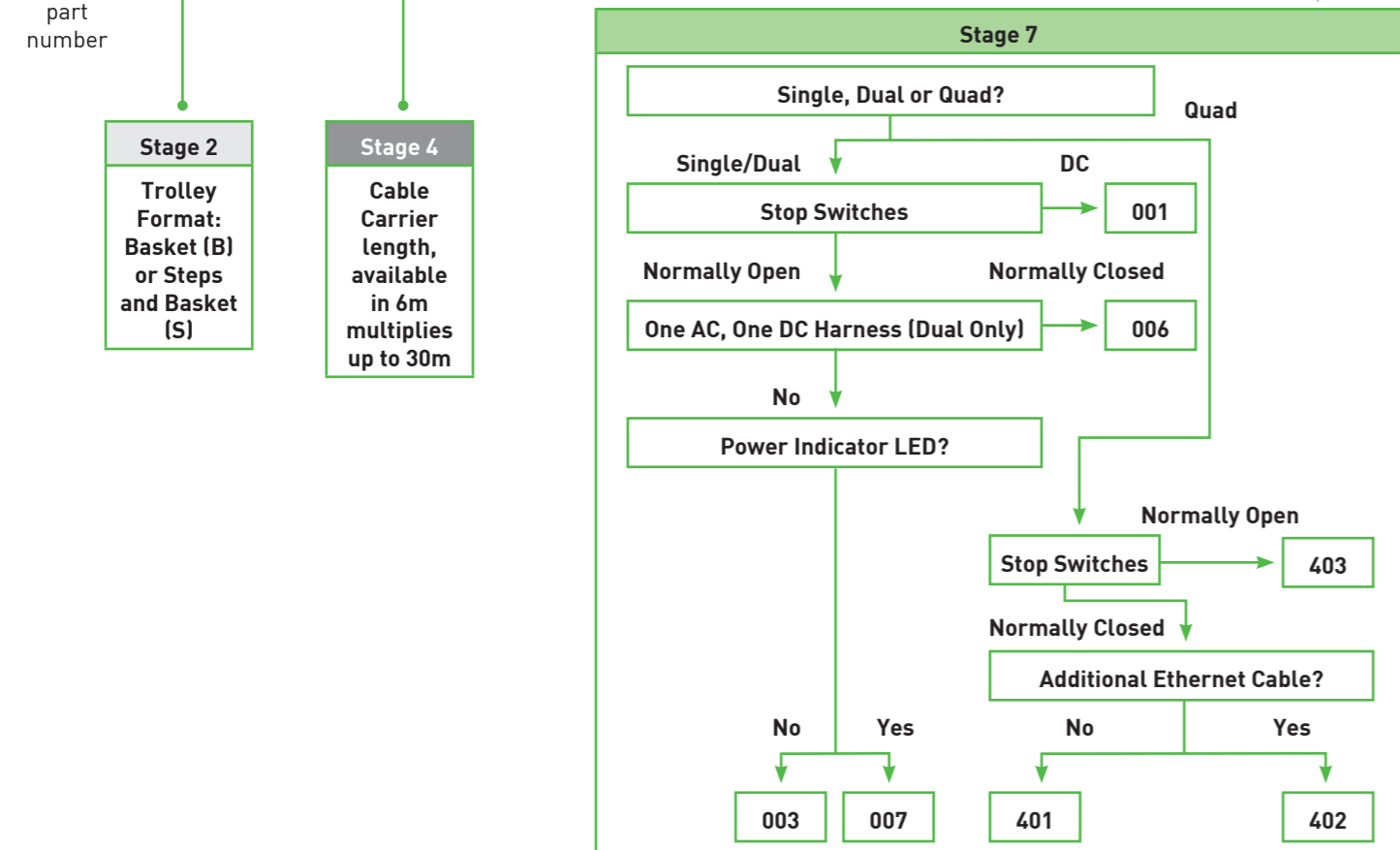
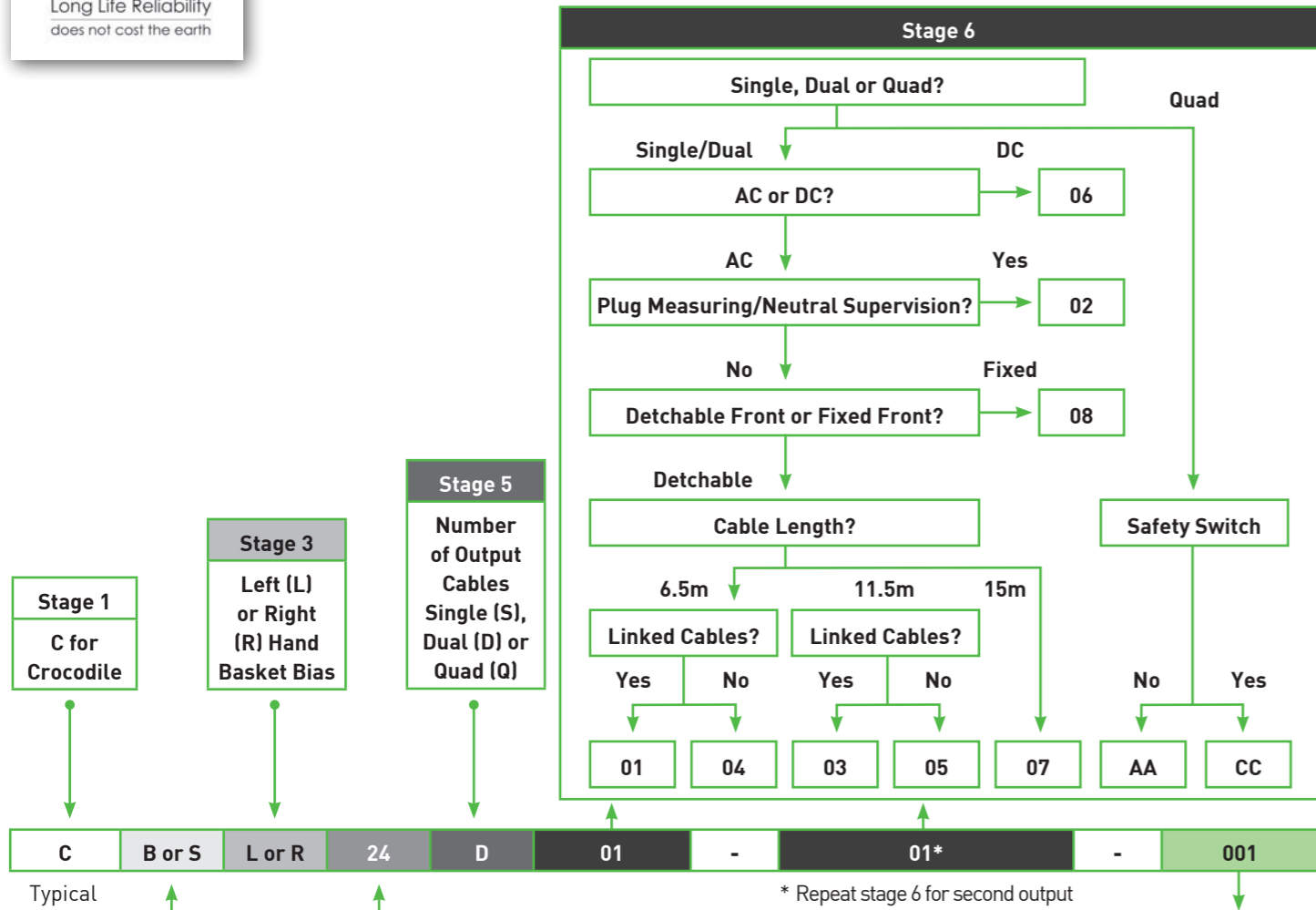
KNUCKLES

- Protective plate covers the knuckle to mitigate damage in the event of a collision from Ground Support Equipment
- Knuckles allow arms to easily manoeuvre around ground obstacles
- Cables are supported and protected by a protective sheath to reduce the wear on the cables
- Bright yellow colouring ensures optimum visibility on the apron



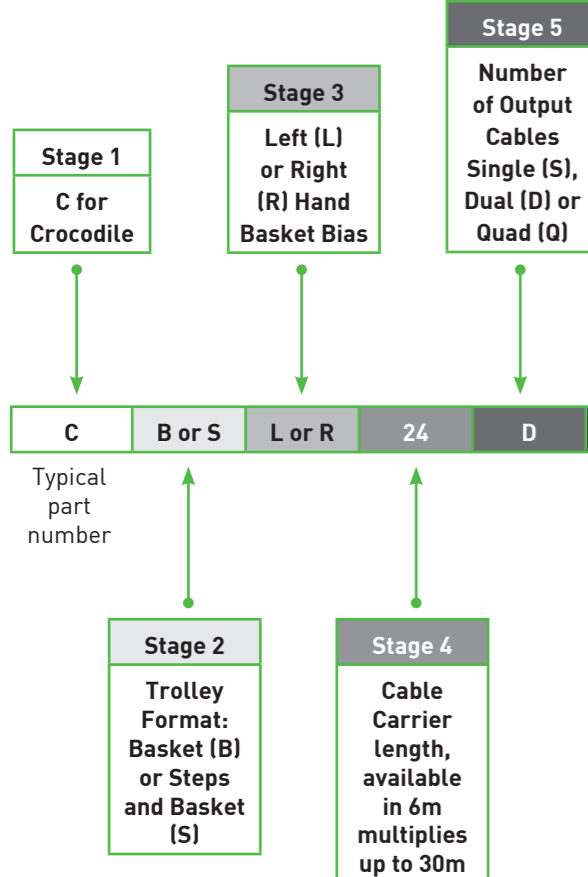
CROCODILE CABLE CARRIER CONFIGURATOR

ESTABLISHING A CROCODILE CABLE CARRIER PART NUMBER



Typical part number: C B or S L or R 24 D 01 - 01* - 001

* Repeat stage 6 for second output



Variety of AC and DC plugs and sockets

Compatible with multiple single core or composite cables

Aviation Plugs & Sockets

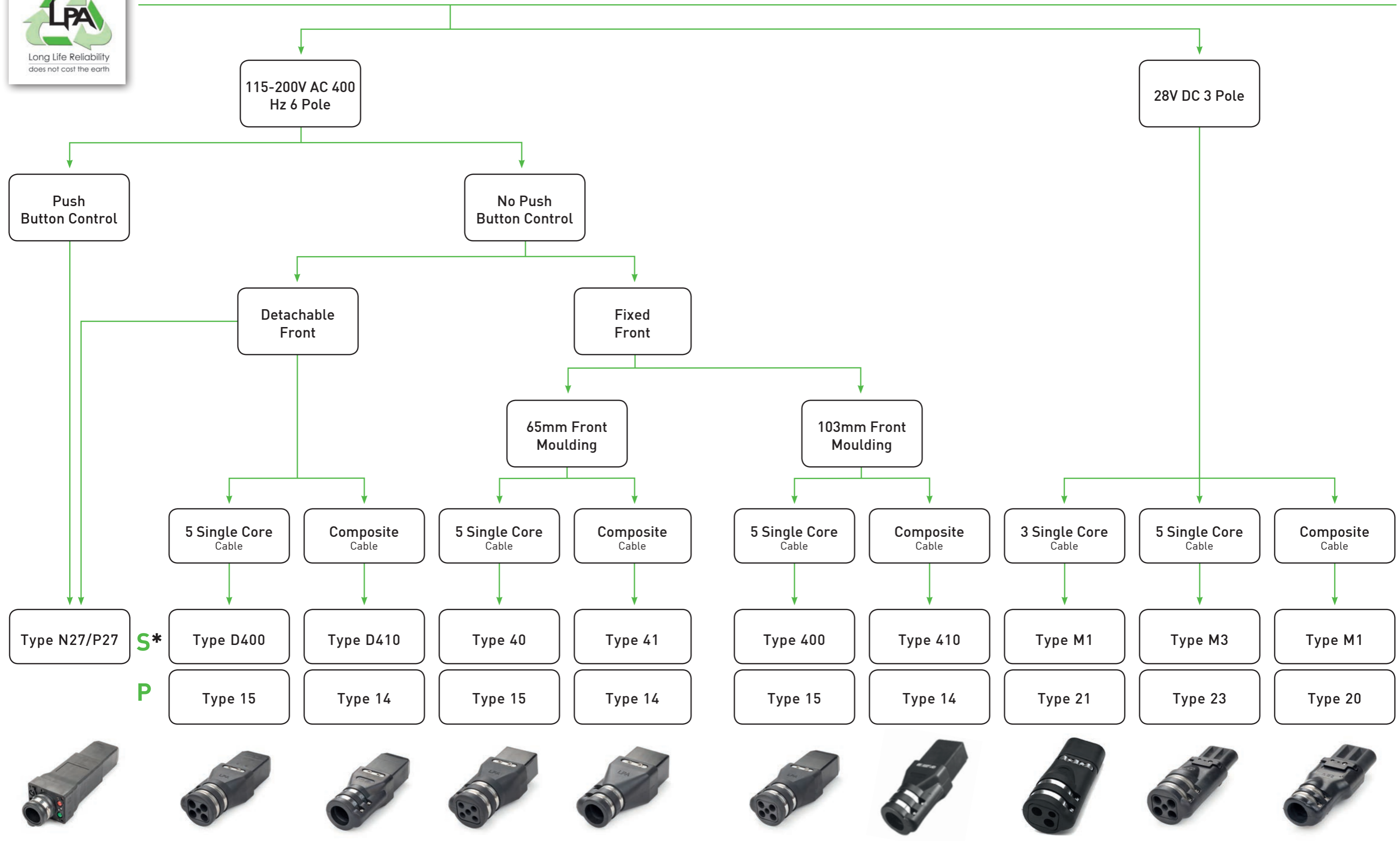
115 - 200V AC 400Hz 6 Pole & 28V DC 3 Pole.



- 400Hz connectors are available with detachable front moulding to enable rapid on site replacement of consumable parts
- Type N27 connectors are available with push button controls for engaging power and operating power coils 'at the plug'
- Durable and resilient casings ensure longevity with repeated use
- Single core and composite cable styles can be accommodated



SOCKET/PLUG SELECTOR



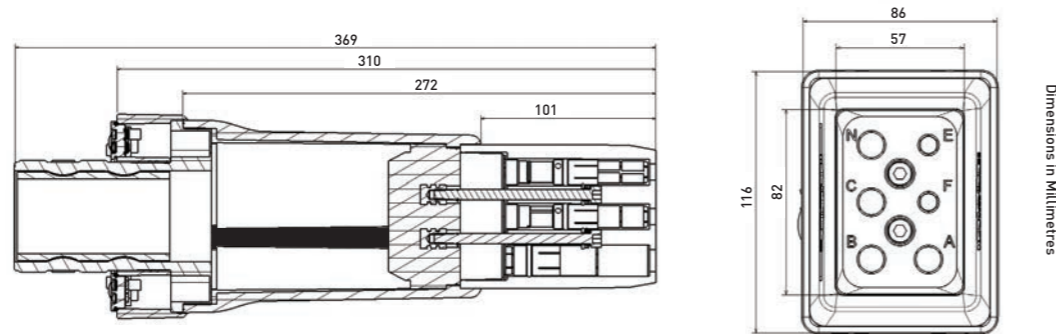
* S - Sockets (plug into the aircraft - have tubes)
P - Plugs (have pins)



TYPE N27/P27 SOCKETS

WITH PUSH BUTTON CONTROL

TYPE N27/P27 SOCKET



FEATURES:

- Socket control of power supply
- Optional socket control of cable reel
- Optional LED indicator lights (up to 4)
- Optional 90% insertion safety micro switch ensures proper engagement before power available at aircraft (part number - 43138)
- Complete with detachable front for ease of maintenance and longer product life
- Optional temperature sensors (specify P27)
- Weight: 3kg (without potting)
- Exterior material: CSPE

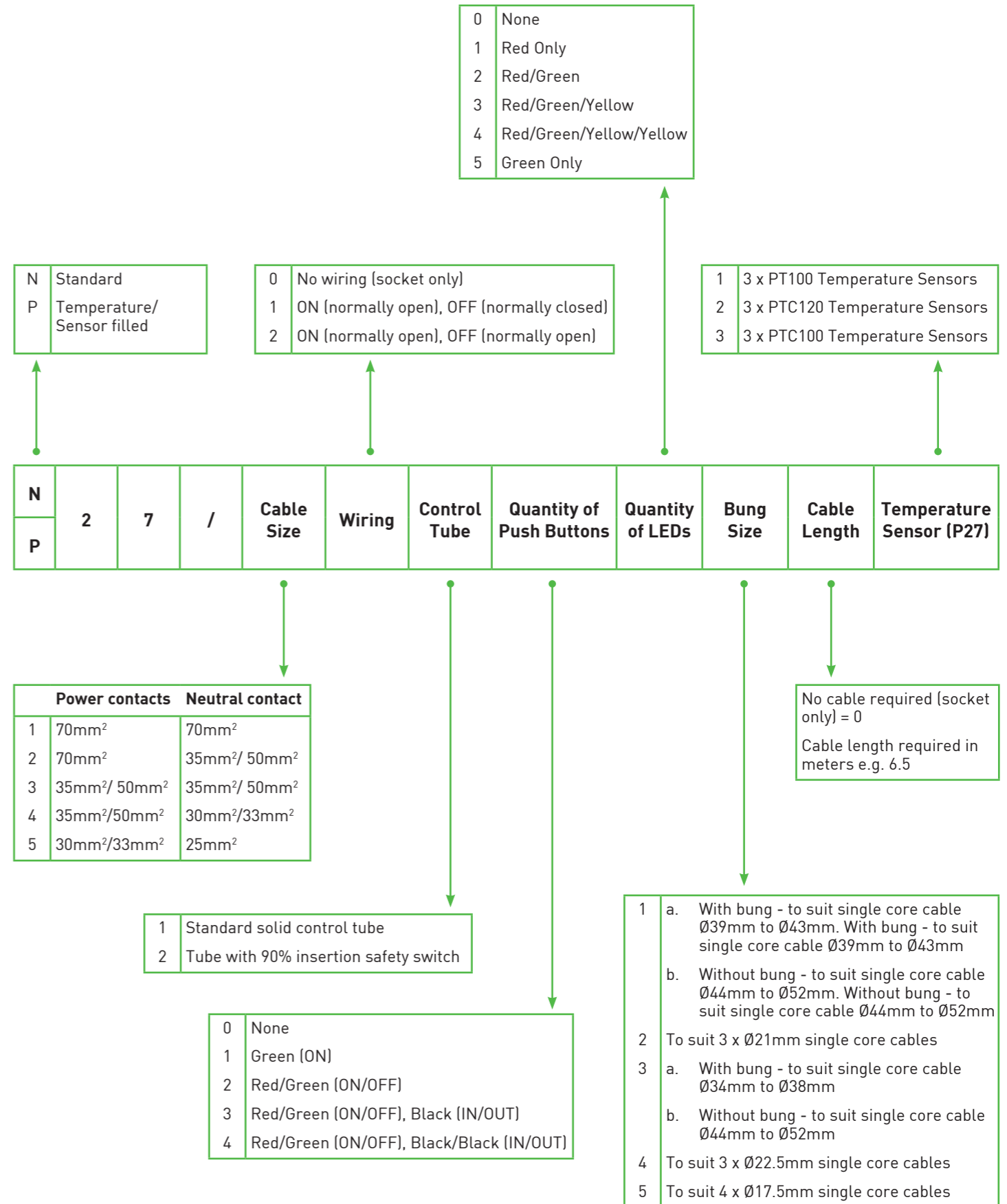
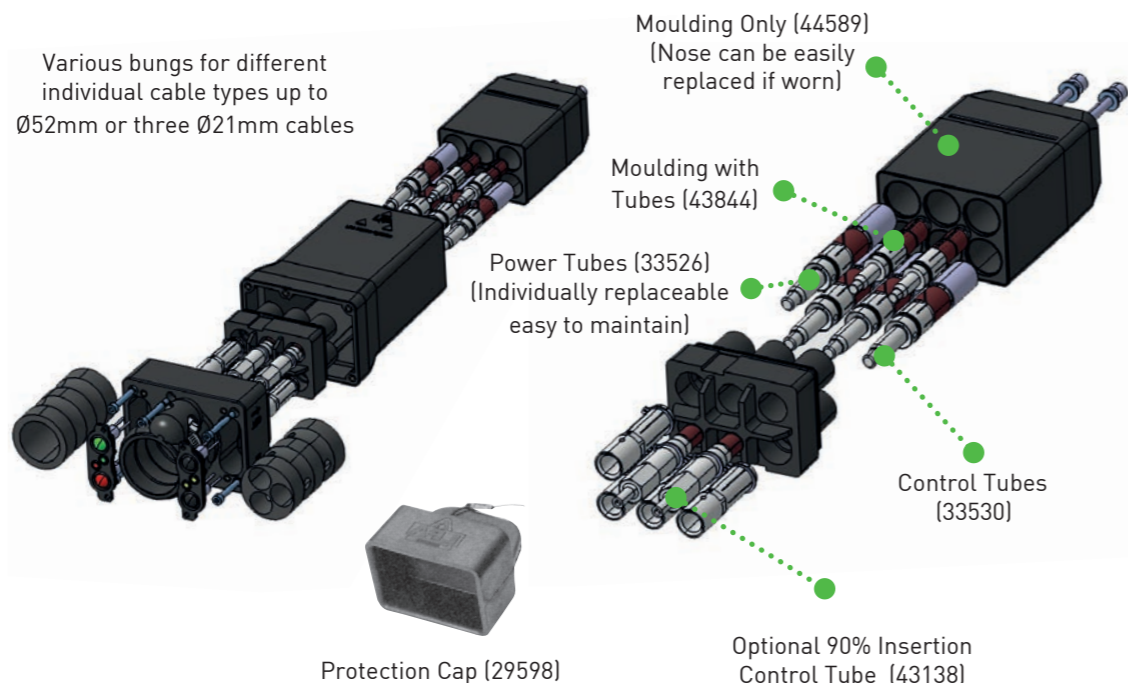
ELECTRICAL RATING:

Power Components

- 450 amps maximum continuous current
- 1500 amps for maximum 1 minute

Control Components

- 35 amps maximum continuous current



TYPE N27/P27 CONFIGURATOR



400Hz CONNECTORS

FEATURES:

- Rear assemblies complete with screw clips, clamping plates, nuts & bolts
- Front assemblies complete with power & control pins or tubes
- Contacts can be either crimped or soldered
- Available with protection cap (part number - 29598)
- Socket weight: 2.5-3kg. Plug weight: 1.9kg
- Exterior material: CSPE

ELECTRICAL RATING:

Power Components

- 450 amps maximum continuous current
- 1500 amps for maximum of 1 min

Control Components

- 35 amps maximum continuous current

TYPE 410 SOCKET



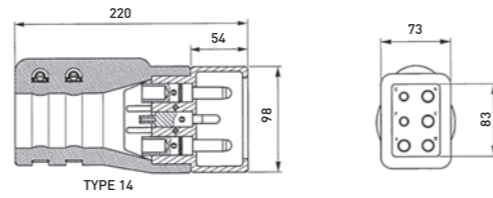
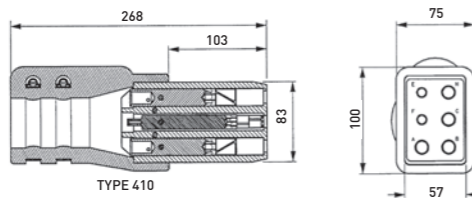
TYPE 14 PLUG



TYPE 400 SOCKET



TYPE 15 PLUG



	Cable Size mm ²	Cable Dia mm Min/Max	Socket Order Ref	Front Half Socket	Rear Half Assembly	Power Tube	Control Tube	5 Hole Bung	Plug Order Ref	Front Half Plug	Rear Half Assembly	Power Pin	Control Pin	5 Hole Bung
COMPOSITE CABLE TYPES	4 X 95	44/ 52	410/1	28849	27592	27919	26375	-	14/1	28727	27592	28377	26675	-
	4 X 70	44/ 52	410/2	27297	27592	26372	26375	-	14/2	27299	27592	26674	26675	-
	4 X 50/35	34/43	410/3	28850	27236	27767	26375	-	14/3	28726	27236	27884	26675	-
	3 X 35/50 1 X 25	34/43	410/5	33477	27236	3 X 27767 1 X 27766	26375	-	14/5	-	27236	3 X 27884 1 X 44388	26675	-
	3 X 70 1 X 35/50	34/43	410/6	33478	27236	3 X 26372 1 X 27767	26375	-	14/6	44959	27236	3 X 26674 1 X 27884	26675	-
	4 X 70	34/43	410/7	27297	27236	26372	26375	-	14/7	27299	27236	26674	26675	-
	5 SINGLE CORE CABLE TYPES	4 X 95	14.5/18.0	400/1	28849	27589	27919	26375	28721	15/1	28727	27589	28377	26675
4 X 95		18.0/21.0	400/2	28849	27589	27919	26375	18286	15/2	28727	27589	28377	26675	18286
4 X 70		14.5/18.0	400/3	27297	27589	26372	26375	28721	15/3	27299	27589	26674	26675	28721
4 X 70		18.0/21.0	400/4	27297	27589	26372	26375	18286	15/4	27299	27589	26674	26675	18286
4 X 50/35		11.0/14.5	400/5	28850	27589	27767	26375	27628	15/5	28726	27589	27884	26675	27628
4 X 50/35		14.5/18.0	400/6	28850	27589	27767	26375	28721	15/6	28726	27589	27884	26675	28721
4 X 50/35		18.0/21.0	400/7	28850	27589	27767	26375	18286	15/7	28726	27589	27884	26675	18286

OPTIONAL 90% INSERTION SWITCH ENSURES PROPER ENGAGEMENT BEFORE POWER AVAILABLE AT AIRCRAFT (PART NUMBER - 31441). WHEN ORDERING ADD SUFFIX /90% TO SOCKET REFERENCE (eg TYPE 400/1/90%)
FOR TECHNICAL INFORMATION, NATO STOCK NUMBERS AND CABLE CRIMPING DATA, REFER TO PAGE 22. CONTROL CABLE DIAMETER 11 - 14MM



400Hz DETACHABLE FRONT SOCKETS

FEATURES:

- Detachable front moulding facilitates rapid in situ replacement of tubes, front moulding and complete fronts
- Front moulding supplied with fixing screws
- Sockets supplied complete with screw clips, clamping plates, nuts & bolts
- Contacts can be either crimped or soldered
- Optional 90% insertion safety switch to ensure proper engagement before power available at aircraft (part number - 43138)
- Average weight: 2.6kg
- Exterior material: CSPE

ELECTRICAL RATING:

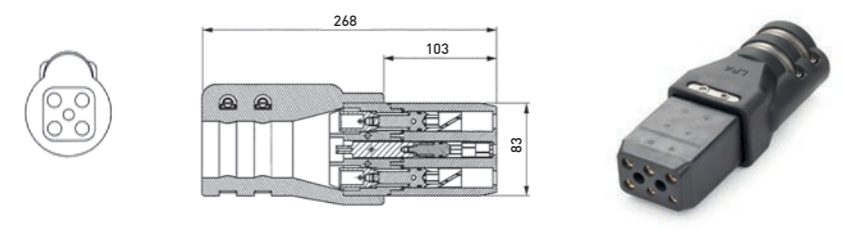
Power Components

- 450 amps maximum continuous current
- 1500 amps for maximum 1 minute

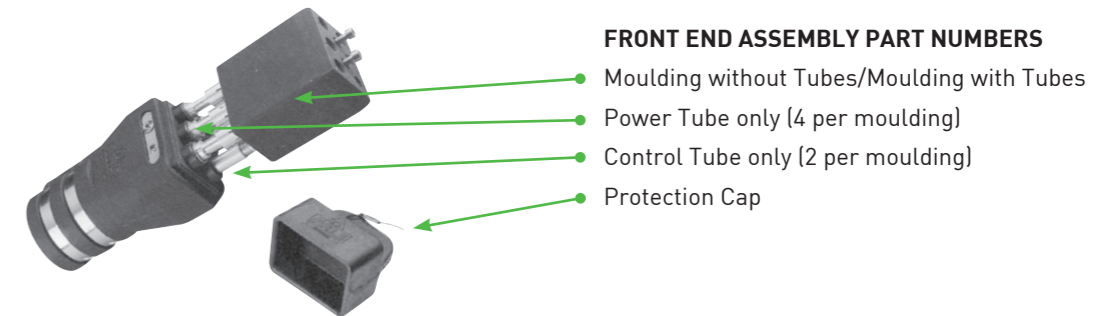
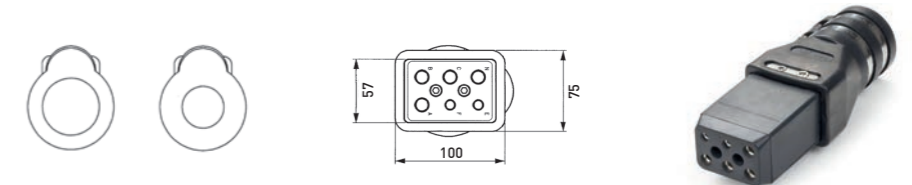
Control Components

- 35 amps maximum continuous current

TYPE D400 SOCKET



TYPE D410 SOCKET



	Cable Size mm ²	Cable Dia mm Min/Max	Socket Order Ref	Moulding Only	Moulding with Tubes	Power Tube	Control E/F Tube	Protection Cap
COMPOSITE CABLE TYPES	4 X 95	44.0/52.0	D410/1	33580	33581	33526	33530	29598
	4 X 70	44.0/52.0	D410/2	33580	33581	33526	33530	29598
	4 X 50/35	34.0/43.0	D410/3	33580	33581	33526	33530	29598
	3 X 35/50 1 X 25	34.0/43.0	D410/5	33580	33581	33526	33530	29598
	3 X 70 1 X 35/50	34.0/43.0	D410/6	33580	33581	33526	33530	29598
	4 X 70	34.0/43.0	D410/7	33580	33581	33526	33530	29598
	5 SINGLE CORE CABLE TYPES	4 X 95	14.5/18.0	D400/1	33580	33581	33526	33530
4 X 95		18.0/21.0	D400/2	33580	33581	33526	33530	29598
4 X 70		14.5/18.0	D400/3	33580	33581	33526	33530	29598
4 X 70		18.0/21.0	D400/4	33580	33581	33526	33530	29598
4 X 50/35		11.0/14.5	D400/5	33580	33581	33526	33530	29598
4 X 50/35		14.5/18.0	D400/6	33580	33581	33526	33530	29598
4 X 50/35		18.0/21.0	D400/7	33580	33581	33526	33530	29598

FOR TECHNICAL INFORMATION, NATO STOCK NUMBERS AND CABLE CRIMPING DATA, REFER TO PAGE 22. CONTROL CABLE DIAMETER 11 - 14MM



400Hz SHORT NOSE SOCKETS

FEATURES:

- The front moulding on Type 40 & 41 Sockets is shorter (65mm) than the other connectors (103mm)
- Rear assemblies complete with screw clips, clamping plates, nuts & bolts
- Front assemblies complete with power & control tubes
- For type 40 rear assembly, specify bung reference according to cable size
- Contacts can be either crimped or soldered
- Average weight: 2.3kg
- Exterior material: CSPE

ELECTRICAL RATING:

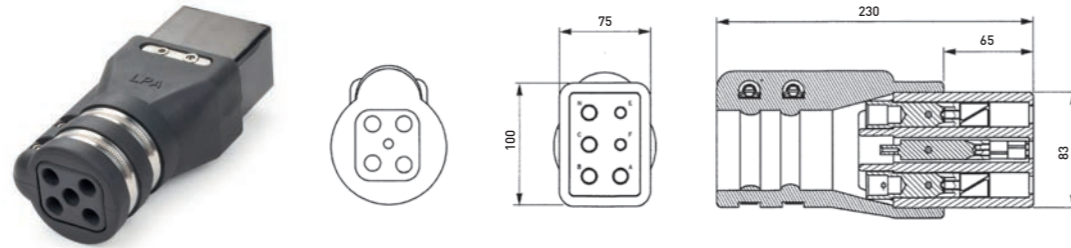
Power Components

- 450 amps, maximum continuous current
- 1500 amps for maximum 1 minute

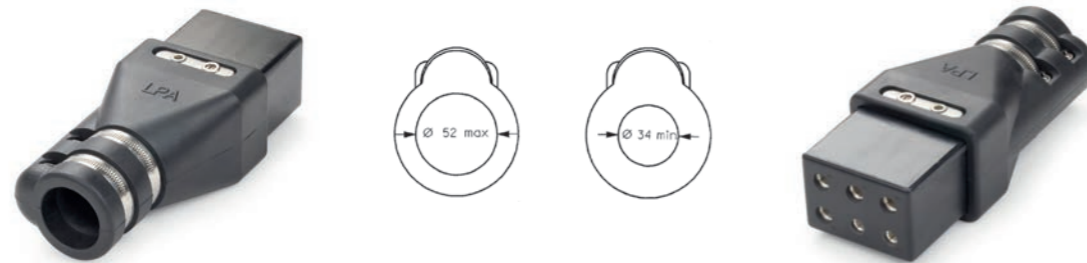
Control Components

- 35 amps maximum continuous current

TYPE 40



TYPE 41



	Cable Size mm ²	Cable Dia mm Min/Max	Socket Order Ref	Front Half	Rear Half	Power Tube	Control Tube	5 Hole Bung	Socket Protection Cap
5 SINGLE CORE CABLE HARNESS - TYPE 40	4 X 95	14.5/18.0	40/1						
	4 X 95	18.0/21.0	40/2	28845	27589	27920	26374	18286	29598
	4 X 70	14.5/18.0	40/3	27298	27589	26373	26374	28721	29598
	4 X 70	18.0/21.0	40/4	27298	27589	26373	26374	18286	29598
	4 X 50	11.0/14.5	40/5	27418	27589	27089	26374	27628	29598
	4 X 50/35	14.5/18.0	40/6	27418	27589	27089	26374	28721	29598
	4 X 50/35	18.0/21.0	40/7	27418	27589	27089	26374	18286	29598
	COMPOSITE CABLE HARNESS - TYPE 41	4 X 95	44.0/52.0	41/1	28845	27592	27920	26374	-
4 X 70		44.0/52.0	41/2	27298	27592	26373	26374	-	29598
4 X 50/35		34.0/43.0	41/3	27418	27236	27089	26374	-	29598

FOR TECHNICAL INFORMATION, NATO STOCK NUMBERS AND CABLE CRIMPING DATA, REFER TO PAGE 22. CONTROL CABLE DIAMETER 11 - 14MM



400Hz & 28VOLT FLANGED PLUGS & SOCKETS

FEATURES:

- Cast aluminium alloy housing & lid
- Epoxy powder coated orange or black finish
- Interior manufactured to ISO 461
- Assemblies complete with power & control pins or tubes
- Lid incorporates connector retaining tongue with padlocking facility
- Weatherproof to IP54
- Single contacts can be either crimped or soldered
- Double-ended contacts must be soldered
- Exterior material: CSPE

ELECTRICAL RATING:

Power Components

- 450 amps maximum continuous current
- 1500 amps for maximum 1 min

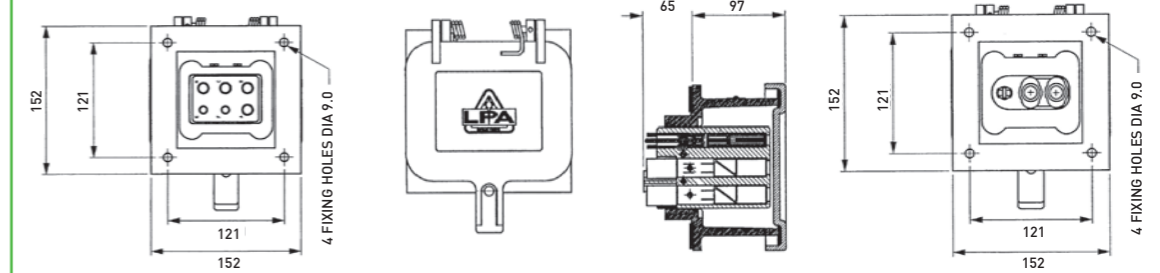
Control Components

- 35 amps maximum continuous current

TYPE 19 PLUG



TYPE 16 SOCKET



Dimensions in Millimetres

TYPE 18 PLUG



TYPE 10 SOCKET



	Cable Size mm ²	Plug Order Ref	Single End Plug Front	Single End Pin	Double End Plug Front	Double End Pin	Socket Order Ref	Single End Socket Front	Single End Tube	Double End Socket	Double End Tube
28V DC 3 POLE DATA	2 X 120	19/1	28710	28707	-	-	16/1	28682	28686	-	-
	2 X 95	19/2	28712	28708	-	-	16/2	28683	27920	-	-
	2 X 70	19/3	28713	28709	-	-	16/3	28684	26373	-	-
	2 X 50/35	19/4	28714	28710	-	-	16/4	28685	27089	-	-
	4 X 95/70	19/6	-	-	28717	28715	16/6	-	-	28704	21362
	4 X 50/35	19/8	-	-	28718	28716	16/8	-	-	28705	28706
	115-200V AC 400Hz 6 POLE DATA	Cable Size mm ²	Plug Order Ref	Front Half Plug Assembly	Power Pin	Control Pin	Socket Order Ref	Front Half Socket Assembly	Power Tube	Control Tube	
		4 X 95	18/1				10/1				
4 X 70		18/2	28727	26675	26675	10/1	28845	27920	26374		
4 X 50/35		18/3	28726	27884	26675	10/3	27418	27089	26374		

ALL FLANGED PLUGS HAVE A SPLIT CONTROL PIN (PART NUMBER - 28715) AND ALL FLANGED SOCKETS HAVE A SPLIT CONTROL TUBE (PART NUMBER - 13196)
FOR TECHNICAL INFORMATION, NATO STOCK NUMBERS AND CABLE CRIMPING DATA, REFER TO PAGE 22. CONTROL CABLE DIAMETER 11 - 14MM



28VOLT DC 3 POLE CONNECTORS

28VOLT DC 3 POLE CONNECTORS

FEATURES:

- Composite, or 3 or 5 single core harness entry
- Split control pins & tubes
- Square bung fitted with removable plug to accommodate control cable
- Rear assemblies complete with screw clips, clamping plates, nuts & bolts
- Front assemblies complete with power & control pins or tubes
- Single contacts can be either crimped or soldered (double contacts must be soldered)
- Average weight: Plug - 1.4kg, Socket - 1.6kg
- Exterior material: CSPE

ELECTRICAL RATING:

Power Components

- 450 amps, maximum continuous current
- 1500 amps for maximum of 1 min

Control Components

- 35 amps continuous current



Split Control Tube
13196



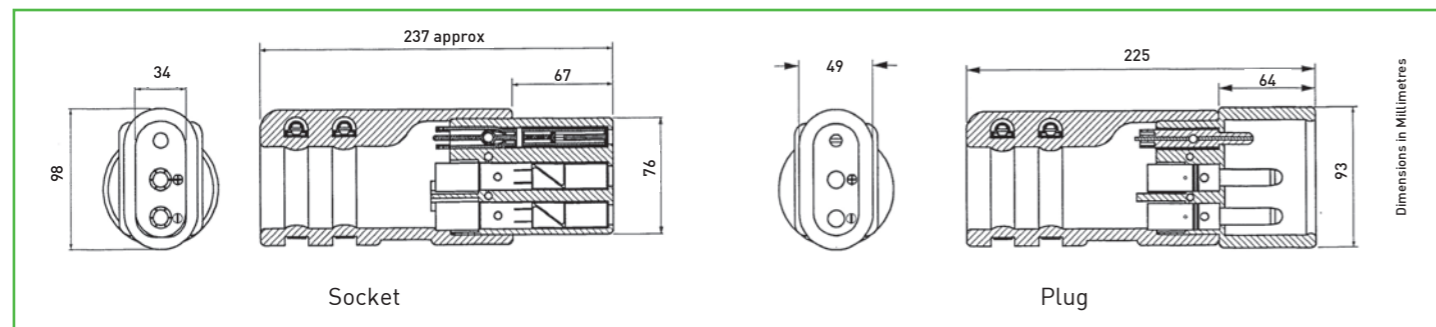
Split Control Pin
29176



DC Socket
Protection Cap
29597

	TYPE M1 SOCKET	TYPE 20 PLUG		Cable Size mm ²	Cable Dia mm Min/Max	Socket Order Ref	Single End Socket Front	Rear Half	Power Tube	3 Hole Bung	Plug Order Ref	Single End Plug Front	Rear Half	Power Pin	3 Hole Bung
COMPOSITE CABLE HARNESS				2 X 120	41/ 54	M1/A	28682	28703	28686	-	20/A	28711	28703	28707	-
				2 X 95	41/ 54	M1/B	28683	28703	27920	-	20/B	28712	28703	28708	-
				2 X 70	29/40	M1/C	28684	28701	26373	-	20/C	28713	28701	28709	-
				2 X 50/35	29/40	M1/D	28685	28701	27089	-	20/D	28714	28701	28710	-
3 SINGLE CORE CABLE HARNESS				2 X 120	15.5/20.0	MI/1	28682	28723	28686	28678	21/1	28711	28723	28707	28678
				2 X 120	20.0/24.5	MI/2	28682	28723	28686	28679	21/2	28711	28723	28707	28679
				2 X 120	24.5/29.0	MI/3	28682	28723	28686	28680	21/3	28711	28723	28707	28680
				2 X 95	15.5/20.0	MI/4	28683	28723	27920	28678	21/4	28712	28723	28708	28678
				2 X 95	20.0/24.5	MI/5	28683	28723	27920	28679	21/5	28712	28723	28708	28679
				2 X 95	24.5/29.0	MI/6	28683	28723	27920	28680	21/6	28712	28723	28708	28680
				2 X 70	11.0/15.5	MI/7	28684	28723	26373	28677	21/7	28713	28723	28709	28677
				2 X 70	15.5/20.0	MI/8	28684	28723	26373	28678	21/8	28713	28723	28709	28678
				2 X 70	20.0/24.5	MI/9	28684	28723	26373	28678	21/9	28713	28723	28709	28678
				2 X 50/35	11.0/15.5	MI/10	28685	28723	27089	28677	21/10	28714	28723	28710	28677
				2 X 50/35	15.5/20.0	MI/11	28685	28723	27089	28678	21/11	28714	28723	28710	28678
				2 X 50/35	20.0/24.5	MI/12	28685	28723	27089	28679	21/12	28714	28723	28710	28679
5 SINGLE CORE CABLE HARNESS				Cable Size mm ²	Cable Dia mm Min/Max	Socket Order Ref	Double End Socket Front	Rear Half	Double Power Tube	5 Hole Bung	Plug Order Ref	Double End Plug Front	Rear Half	Double Power Pin	5 Hole Bung
				4 X 70/95	14.5/18.0	M3/3	28704	28723	21362	28721	23/3	28717	28723	28715	28721
				4 X 70/95	18.0/21.0	M3/4	28704	28723	21362	18286	23/4	28717	28723	28715	18286
				4 X 50/35	11.0/14.5	M3/5	28705	28723	28706	27628	23/5	28718	28723	28716	27628
				4 X 50/35	14.5/18.0	M3/6	28705	28723	28706	28721	23/6	28718	28723	28716	28721
				4 X 50/35	18.0/21.0	M3/7	28705	28723	28706	18286	23/7	28718	28723	28716	18286

FOR TECHNICAL INFORMATION, NATO STOCK NUMBERS AND CABLE CRIMPING DATA, REFER TO PAGE 22. CONTROL CABLE DIAMETER 11 - 14MM



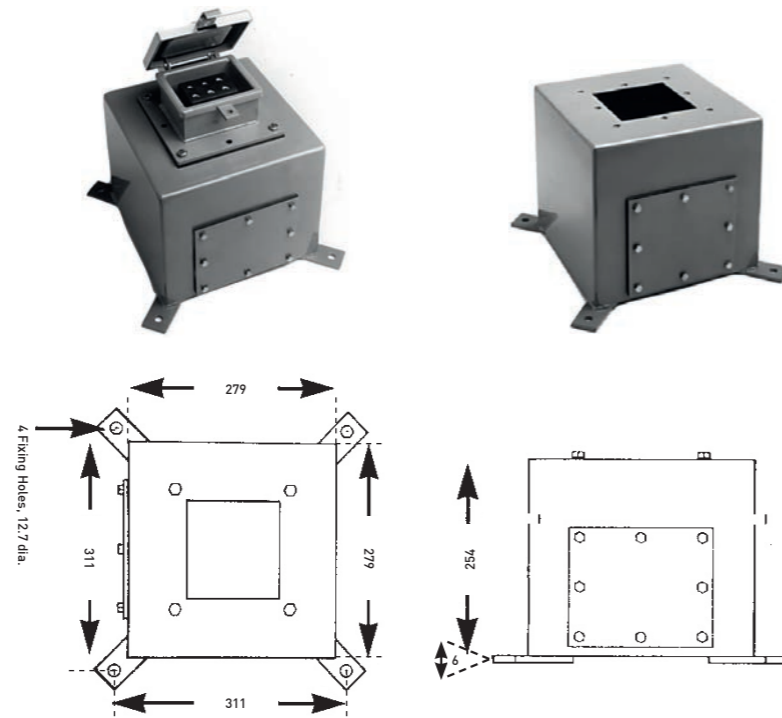


FLANGED CONNECTOR MOUNTING BOXES

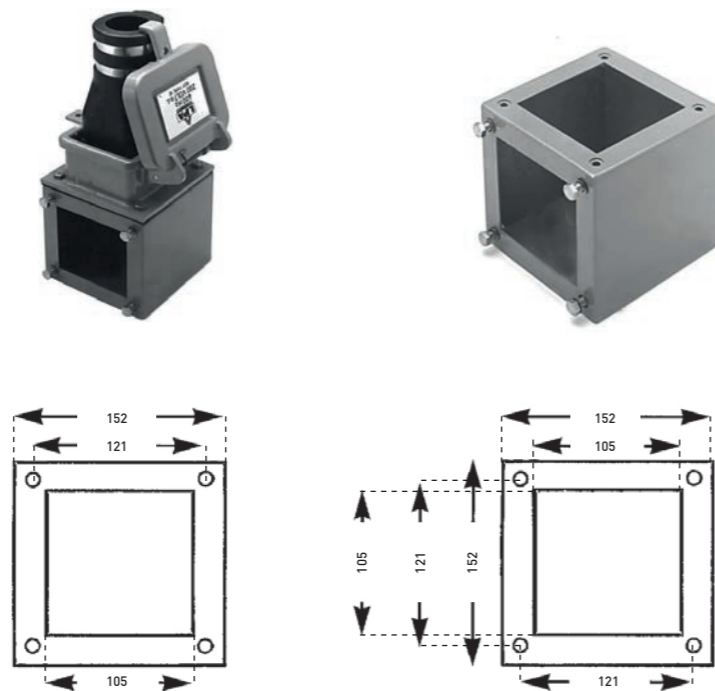
FEATURES:

- Designed for use with flanged connector Types 10, 16, 18 & 19
- Weatherproof to IP54 with flanged connector installed
- Manufactured in mild steel and zinc sprayed, with a polyester powder coated orange or black finish
- Cuboid design with side entry allows orientation to meet installation requirements
- Type 27121 gland plate accommodates most cable types and sizes
- Type 27121 supplied with flange connector fixing bolts
- Type 27012 supplied with fixing bolts and sealing gasket

TYPE 27121 SURFACE BOX



TYPE 27012 ANGLE ADAPTOR BOX



Quick assembly from standard stock items

Composite, 3 single core or 5 single core options



Cable Assemblies

Composite, 3 single core or 5 single core.



- Cable assemblies quickly manufactured to customer requirements from standard stock components
- Composite cable, or 3 or 5 single core cable harnesses
- Single core cable harnesses banded together at 500mm intervals



TYPE 11 & 12 HARNESSSES

CABLE ASSEMBLIES

TYPE 11 EXTENSION HARNESS



TYPE 12 POWER HARNESS



400Hz Composite
Cable Harness & Socket

400Hz Single Core
Cable Harness & Socket

28V DC 5 Single Core
Cable Harness & Socket

PLEASE SPECIFY WHEN ORDERING:

- Socket (which determines voltage, electrical rating and number of poles for the assembly)
- Cable length in metres - e.g. 10m
- Cable size in square millimetres - e.g. 70mm²
- Cable type - e.g. single cores or composite
- For Type 11: specify plug (with same voltage, electrical rating and poles as socket)
- For Type 12: cable power tails fitted with 10mm lugs as standard

EXAMPLE OF HOW TO COMPILE PART NUMBER:

E.g. 11 / 400 / 4 / 15 / 4 / 10

- This would be an **Extension Harness** with a **Type 400 Socket** (socket reference: 400/4) and corresponding **Type 15 Plug** (plug reference: 15/4) on **10m length cable**.

E.g. 12 / 400 / 4 / 10

- This would be a **Power Harness** with a **Type 400 Socket** (socket reference: 400/4) and **10m in length**



TECHNICAL INFORMATION

SPECIFICATION

Performance and dimensions of LPA Connection Systems Aviation Ground Power Supply Connectors comply with ISO 461 and to appropriate Ministry of Defence (Air) and NSN standards.

GENERAL ASSEMBLY

Tubes and Pins are retained in the rubber housing by nylon fixing pins. Front and rear housings are secured together by Glass Filled Nylon or Austenitic Stainless Steel clamp plates and Stainless Steel clamp plates and Stainless Steel nuts and bolts, facilitating disassembly and easy access to pins and tubes when attaching the cable. The connector is secured to the cable by two stainless steel screw clamps providing excellent strain relief and weatherproof seal.

A heat shrink sleeve covering the cable entry and rear housing can be supplied as an option.

FRONT AND REAR HOUSINGS

Housings are moulded or machined from Nitrile PVC or CSPE, compounds selected for their resistance to UV light, moisture, chemicals and other hazards and wear and tear associated with aircraft maintenance areas, with a temperature range of -40°C to 100°C.

POWER AND CONTROL PINS AND TUBES

Pins and Tubes are machined in copper and silver plated to improve electrical conductivity. Tubes are spring tightened to ensure good electrical contact comply with ISO 461.

LANYARD ASSEMBLY

Use of the LPA Lanyard Assembly (part number 51844) relieves the Aircraft socket from strain due to the weight of the cable. The Assembly is supplied complete to customer's requirements.

CABLE TERMINATION

Power Pins and Tubes

With the exception of the Type M3 and Type 23 connectors, which must be soldered, power pins and tubes may be connected to cables by soldering or crimping. Termination Guide (Ref 29273) available on request.

CONTROL PINS AND TUBES

With the exception of the Split Design F tube on 28Volt DC connectors which must be soldered, control tubes and pins may be connected to cables by soldering or crimping. The electrical and load test approvals to BS 4G 178, ISO 461 require the use of the appropriate crimping die as shown in the product selection charts. Conductors under 2mm² will require doubling over to provide a satisfactory crimped connection.

Crimping tests have been conducted using conductor sizes shown in tables in BS638. Oversheath dimensions are for power cables to BS638, BS6004 and BS6007. Control cables are to BS6500.

Heat shrink sleeves, supplied as standard by LPA, should be fitted over the connection and cable end of all power pins and tubes.

It is recommended that, following connection but before mating front and rear assemblies together, the rear assembly is filled with RTV silicone sealant (Ambersil 1039N or ACC Silicones AS1602) to prevent any possible moisture ingress.

LPA Group plc reserves the right to modify designs and specifications so as to permit the incorporation of technical developments.

NATO STOCK NUMBERS FOR COMPONENTS

NATO No.	Description
5935-99-551-2589	Socket Type 40/2
5935-99-758-1104	Socket Type 40/4
5935-99-192-2528	Socket Type 40/6
5935-99-785-7295	Socket Type 40/8
5935-99-434-9740	Socket Type 41/3
5935-99-732-2341	Socket Type 400/3
5935-99-574-4640	Socket Type 400/4
5935-99-574-4640	Socket Type D400/4
5935-99-126-2607	Socket Type 410/2
5935-99-690-6725	Socket Type 410/3
5935-99-437-2071	Socket Type D410/2
5935-99-203-1199	Socket Type M1/C
5935-99-770-3267	Socket Type M1/5
5935-99-010-0617	Socket Type M1/7
5935-99-434-9738	Socket Type M3/3
5935-99-244-2408	Socket Type M3/4
5935-99-608-3168	Socket Type 10/2
5935-99-810-3422	Plug Type 15/4
5935-99-282-4558	Plug Type 18/2
5935-99-461-3781	33580 Moulding
5935-99-551-0426	33526 Power Tube
5935-99-498-8657	Tube Sub-Assembly 33530
5935-99-867-8041	AC Socket Cap 29598
5935-99-192-6707	11945 Retaining peg AC all tubes
5935-99-192-6693	13175 Retaining Peg DC Main Tubes
5935-99-192-6692	13176 Retaining Pin DC Control Tube
5935-99-193-2920	13196 Control Tube DC Split Pin Type
5999-99-205-4971	26374 Control Tube AC Sockets
5999-99-117-8495	21362 Main Tube 70mm Cable Twin
5999-99-528-3584	26373 Main Tube 70mm
5999-99-301-2920	27089 Main Tube 35/50 Cable
5999-99-051-8636	27920 Tube Assembly

CABLE CRIMPING DATA

Cable Size	Die No	Code	Code
120 mm ²	31152	M120	HM
95 mm ²	31151	L95	HL
25-70 mm ²	30732	K70	HK
E-F	30254	F10	HF



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