



Interconnect solutions &
Attachment systems



Embedded solutions
for
Tidal turbine



IMPLANTABLE PRODUCTS

Amphenol Air LB products are suitable for the functions of:

- Measure
- Control
- Power (until 80 A)

Custom solutions

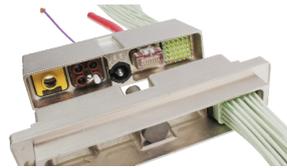
- Capacity to make custom products integrating
- **Molding / Overmolding**
 - **Connectorization** (integrating connectors onto a structural element)
 - **Electronic Packaging** (integrating a component within a connector shell)

CONNECTORS TO MATE

Connectors supporting advanced signal and power requirements at a fraction of the space.

SIM / EN4165 plates

Plate / receptacles or feedthru use



QUICK JUNCTION MODULES

Modules fixed on rails for signal and / or current distribution.

1750 distribution modules



1777 distribution modules



FIXING ACCESSORIES

Accessories for cables and / or hydraulic conduits fixing.

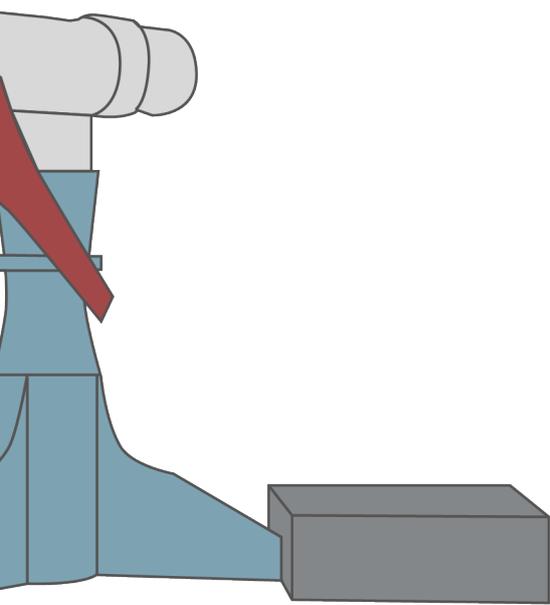
LB Clamps



CC1339 Light clamps



Sealed feedthru



Example 1

Instrumentation connector plug and receptacle



Example 2

Relay socket with integrated PCB for distribution



Reengineering

Amphenol Air LB provides you with its Reengineering know-how (redesigning and reproducing an obsolete component or improving existing products)

Advantages:

No need to redesign / requalify all you system
Redesign of an interchangeable product

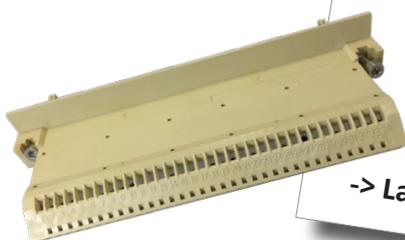
-> Cost saving

-> Time saving

-> Lasting and reliable solution and partner

Example 4

Rackable instrumentation connector receptacle



Example 3
Support



WHAT ARE THE BENEFITS OF AMPHENOL AIR LB PRODUCTS?

Products with compact design -> **SPACE SAVING** 

**LESS SURFACE AREA REQUIRING
SEALING GUARANTEE**

Modular products -> **RATIONALIZATION OF CONNECTIVITY** 

**POSSIBILITY TO MIX IN ONE CONNECTOR SEVERAL TYPES (POWER, SIGNAL, RJ45,
OPTICAL...) AND SIZES (GAUGE 8 TO 23) OF CONTACTS**

Overmolded products -> **SEALING** 

**PRODUCTS SUITABLE FOR HUMID ENVIRONMENT
(IP66 / IP68 / IP69K)**

Silicone overmolding of clamps -> **PROTECTION AND DURABILITY OF PRODUCTS** 

**AVOIDS THE PROPAGATION OF VIBRATIONS
GUARANTEES THE INTEGRITY OF THE PRODUCTS OVER TIME**

AMPHENOL AIR LB, ENGAGED IN THIS SECTOR OF THE FUTURE

Renewable
energy

Not affected by weather
conditions (ex : storm)

No visual pollution

Amphenol Air LB is a connectician experienced in connectors and fixing systems for severe environment applications.

Contact us to learn more about all our solutions to optimize your equipment / systems.

Technical Support

Tel. : +33 (0)3 24 22 78 63
technical-support@amphenol-airlb.fr

Customer Service

Tel. : +33 (0)3 24 22 32 66 - Fax : +33 (0)3 24 22 38 72
customer-service@amphenol-airlb.fr

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