



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

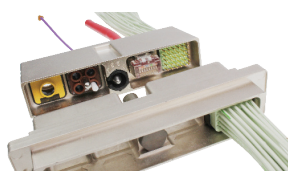
- **Molding / Overmolding**
- **Connectorization** (integrating connectors onto a structural element)
- **Electronic Packaging** (integrating a component within a connector shell)

## 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.

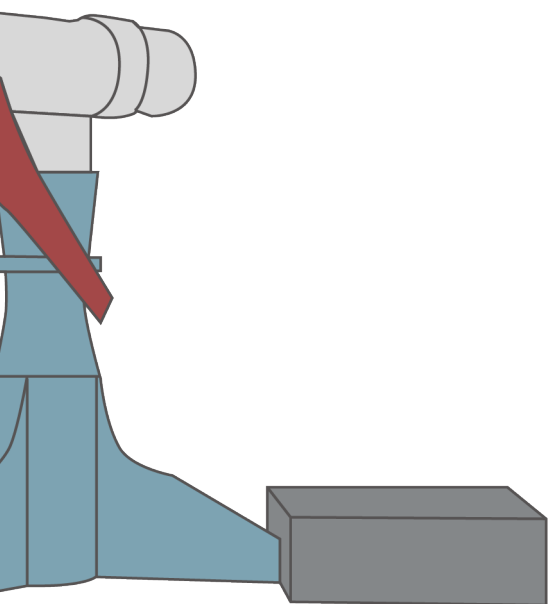
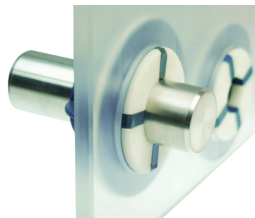
LB Clamps



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 your system  
Redesign of an interchangeable product

-> Cost saving



-> Time saving

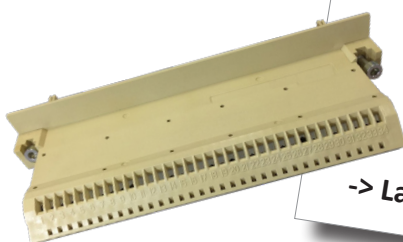


-> Lasting and reliable solution and partner



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

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