

 Your Satisfaction. Everyday. Everywhere.	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP Junction module frames
	<i>Junction modules frames type 1751 ; 3177 ; 1101 ; 1107 & 1115</i>	Page 1 / 4

- **Name and address of supplier:** Amphenol Air LB
2, rue Clément Ader
ZAC de WE
08 110 CARIGNAN France

- **Description of product:** Junction modules frames type 1751; 3177;1101; 1107 & 1115.

- **Part number:**

Metallic frames (ROHS compliant) for junction module type 1755 ref: 001751 1XX 0X & 3177 01XX 000 RAI;
Composite frames for junction modules type 1755 ref: 001751 6XX 00;

Metallic frames for junction modules type 1115 ref: 001101 XXX 10;
Individual straight frame for module type 1115 ref: 001107 X00 6X;
Individual straight frame for module type 1115 ref: 001115 XXX 02Z;
Individual straight frame for module type 1115 ref: 001115 XXX 02Y;

End stop for frames type 001101 XXX 10 ref: 001102 0XX 60.

- **Specification number:** NF C 93-462 (frame for modules type 1750)
EN 3708 (frame for modules type 1115)

- **Overall dimensions, interfaces, connections (electrical, hydraulic, etc.), installation information in drawing:**

According to Quick junction modules catalogue

- **Compliance statement related to the specification (including any limitations on use):**

The qualification is equivalent to UTE C 93-462 HL 105 / EN 3708-001

- **Inspection and maintenance instruction reference:** As specified in Amphenol Air LB quality manual

- **Qualification test report reference:** QTR 17-003 issue a (frame for modules type 1750)
QTR 09-012 issue ø (frame for modules type 1750);
QTR 14-017 issue ø (frame for modules type 1115).

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See following table for the main performances:

Constitution	
Shell material	Steel (ref 001107 X00 61 + 001115 XXX 02Y) Stainless steel (ref 001107 X00 60 + 001115 XXX 02 Z) Aluminium alloy (Others metallic frames) Thermoplastic (Composite frames)
Shell plating material	Anodisation + Passivated zinc (001751 1XX 00 + 3177 01XX 000 RAI + 001101 XXX 10 Passivated cadmium (001107 X 00 61 + 001115 XXX 02Y) Cadmium bichromate (001751 1XX 07)
Insulation material	Not concerned
Contact material	Not concerned
Contact plating material	Not concerned

Mechanical performances		
Description	Data	Units
Insert retention in housing (minimum)	Not concerned	daN
Contact retention in insert (minimum)	Not concerned	daN
Mechanical endurance	Not concerned	Cycles
Vibrations (type)	Sinusoidal	Not applicable
Vibrations (maximum frequency)	2000	Hz
Vibrations (amplitude)	10	g
Vibrations (duration)	9	hours
Shocks (type)	Sinusoidal	Not applicable
Shocks (amplitude)	10	g
Shocks (duration)	11	ms
Resonant frequency minimum	Not concerned	Hz
Static loads (minimum)	Not concerned	daN

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Climatic performances		
Description	Data	Units
Maximum temperature of use	+175	°C
Minimum temperature of use	-55	°C
Salt mist resistance	48	hours
Resistance to fluids	Fuel / Mineral and synthetic hydraulic fluid / Mineral lubricant /	Not applicable
Interfacial sealing	Not concerned	mb
Air leakage	Not concerned	cm ³ /hour
Immersion at low air pressure	Not concerned	mb
IP indice	Not concerned	Not applicable

Electrical performances		
Description	Data	Units
Insulation resistance	Not concerned	MΩ
Voltage proof test	Not concerned	V
Maximum intensity	Not concerned	A
Contact resistance	Not concerned	mΩ
Shell electrical continuity	Not concerned	mΩ

Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

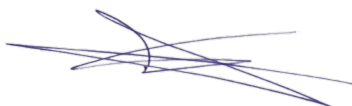
Fire behaviour	
In compliance with standard	ABD 0031 / EN 2591-317 NF F 16-101 / NF F 16-102 (Composite frames) Not concerned (metallic parts)

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I hereby declare on behalf of the supplier that the information contained in this declaration of design and performance (DDP) is correct.

Date: 10/11/22

Sign:



Company: Amphenol Air LB

Position held: Engineering Manager

Name: Jerome CHEVALIER

Date: 10/11/22

Sign:



Company: Amphenol Air LB

Position held: Quality Director

Name: Vincent BEYRIES