

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP 001130 XXX 02
	<i>Quick junction modules with electric components type 1130.</i>	Page 1 / 3

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

- **Description of product:** Quick junction modules with electric components type 1130.

- **Part number:**

Quick junction modules size 20 with inserted electric components ref: 001130 XXX 02.

- **Specification number:** EN 3708

- **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 EN 3708-001.

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

- **Qualification test report reference:** CRE 01-562 issue ø.

See following table for the main performances:

Constitution	
Shell material	Thermoplastic
Shell plating material	Not concerned
Insulation material	Silicone
Contact material	Copper alloy
Contact plating material	Gold

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Mechanical performances		
Description	Data	Units
Insert retention in housing (minimum)	Not concerned	daN
Contact retention in insert (minimum)	6.7	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)	100	g
Shocks (duration)	6	ms
Resonant frequency minimum	Not concerned	Hz
Static loads (minimum)	Not concerned	daN

Climatic performances		
Description	Data	Units
Maximum temperature of use	+175 (according to specification of component)	°C
Minimum temperature of use	-55 (according to specification of component)	°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	46.7	mb
IP indice	Not concerned	Not applicable

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Electrical performances		
Description	Data	Units
Insulation resistance	5000 (according to specification of component)	MΩ
Voltage proof test	1500 (according to specification of component)	V
Maximum intensity	7.5 (according to specification of component)	A
Contact resistance	4 (according to specification of component)	mΩ
Shell electrical continuity	Not concerned	mΩ

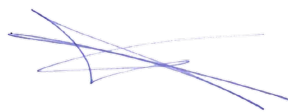
Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

Fire behaviour	
In compliance with standard	ABD 0031 / EN 2591-317

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

Date : 10/10/19

Sign :



Company : Amphenol Air LB

Position held : Engineering Manager

Name : Jerome CHEVALIER

Date : 10/10/19

Sign :



Company : Amphenol Air LB

Position held : Quality Manager

Name : Vincent BEYRIES