

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP 001765 XXX XX
	<i>Quick junction modules with electric components type 1765.</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 1765.

- **Part number:**

Quick junction modules size 20 with inserted electric components ref: 001765 9XX 02;

Component carrier modules size 20 ref: 001765 0XX 99;

Component carrier modules size 20 ref: 001765 2XX 02.

- **Specification number:** NF C 93-462

- **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.

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

- **Qualification test report reference:** QTR 17-005 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

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP 001765 XXX XX
	<i>Quick junction modules with electric components type 1765.</i>	Page 2 / 3

Mechanical performances		
Description	Data	Units
Insert retention in housing (minimum)	Not concerned	daN
Contact retention in insert (minimum)	9.0	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	34 (001765 9XX 02 only)	mb
IP indice	Not concerned	Not applicable

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP 001765 XXX XX
	<i>Quick junction modules with electric components type 1765.</i>	Page 3 / 3

Electrical performances		
Description	Data	Units
Insulation resistance	5000 (PCB and components excluded)	MΩ
Voltage proof test	1500 (PCB and components excluded)	V
Maximum intensity	7.5 (PCB and components excluded)	A
Contact resistance	4 (PCB and components excluded)	mΩ
Shell electrical continuity	Not concerned	mΩ

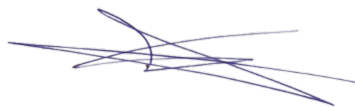
Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

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: 12/18/20

Sign:



Company: Amphenol Air LB

Position held: Engineering Manager

Name: Jerome CHEVALIER

Date: 12/18/20

Sign:



Company: Amphenol Air LB

Position held: Quality Director

Name: Vincent BEYRIES