

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP 3242 X0XX 00X
	<i>Terminal strips and accessories type 3242</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:** Terminal strips type 3242.

- **Part number:**
Monoblock terminal strip with studs .2500-28 UNF (ø 6.35 mm) ref: 3242 6XX2 00X;
Monoblock terminal strip with studs .3750-24 UNF (ø 9.52 mm) ref: 3242 80X1 00X;
Monoblock terminal strip with shunted studs .3750-24 UNF (ø 9.52 mm) ref: 3242 90X1 00X;
Bracers ref: 0004440 6XX 04;
Covers ref: 3242 001X 000;
Coversheets 230 V ref: 3242 003X 000 & 3242 004X 000;
Plates ref: 3242 005X 000.

- **Specification number:** ASNE 0826.

- **Overall dimensions, interfaces, connections (electrical, hydraulic, etc.), installation information in drawing:**
According to 3242 Monoblock assemblies catalogue.

- **Compliance statement related to the specification (including any limitations on use):**
The qualification is equivalent to ASNE 0826.

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

- **Qualification test report reference:** CRE 06-003 issue a for terminal strips and cover.
QTR 12-008 issue d for coversheet 230 V.

See following table for the main performances:

Constitution	
Shell material	Thermoplastic
Shell plating material	Not concerned
Insulation material	Not concerned
Contact material	Not concerned
Contact plating material	Not concerned

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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)	Sinus	Not applicable
Vibrations (maximum frequency)	3000	Hz
Vibrations (amplitude)	20	g
Vibrations (duration)	12	hours
Shocks (type)	Sinus	Not applicable
Shocks (amplitude)	100	g
Shocks (duration)	6	ms
Resonant frequency minimum	Not measured	Hz
Static loads (minimum)	60 for .2500-28 thread 70 for .3750-24 thread	daN

Climatic performances		
Description	Data	Units
Maximum temperature of use	+300	°C
Minimum temperature of use	-55	°C
Salt mist resistance	96	hours
Resistance to fluids	Fuel / Synthetic hydraulic fluid / Mineral and synthetic lubricant / Cleaning products / De icing fluid	Not applicable
Interfacial sealing	Not concerned	mb
Air leakage	Not concerned	cm ³ /hour
Immersion at low air pressure	Not concerned	mb
IP indice	Note concerned	Not applicable

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Electrical performances		
Description	Data	Units
Insulation resistance	5 000 000	MΩ
Voltage proof test	5000	V
Maximum intensity	125 for .2500-28 thread 245 for .3750-24 thread	A
Contact resistance	Not concerned	mΩ
Shell electrical continuity	Not concerned	mΩ

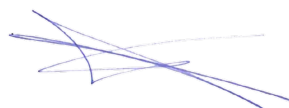
Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

Fire behaviour	
In compliance with standard	ABD 0031 / UL 94 V0

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

Date: 09/02/2019

Sign:



Company: Amphenol Air LB

Position held: Engineering Director

Name: Jerome CHEVALIER

Date: 09/02/2019

Sign:



Company: Amphenol Air LB

Position held: Quality Director

Name: Vincent BEYRIES