

Project:	PXP	Reg. No.	0N-0902A-SPEC
Originator:	LOA	Date:	9-Jun-10
Checked:	TRI	Rev. No.	1
		Rev. Date:	
		Page:	1 / 5

Summary:

This document specifies the PXP SBS connection box fan module 0N-0902A.

Rev.	Date	Initials	Remark
1	9-Jun-10	LOA	Initial Release

Table of Contents:

1. Functionality of the Fan Module 2

2. Inputs and Outputs 2

3. Indications 3

4. Configuration 3

5. Mechanical 4

6. Reference Documents 5

Project:	PXP	Reg. No.	0N-0902A-SPEC
Originator:	LOA	Date:	9-Jun-10
Checked:	TRI	Rev. No.	1
		Rev. Date:	
		Page:	2 / 5

1. FUNCTIONALITY OF THE FAN MODULE

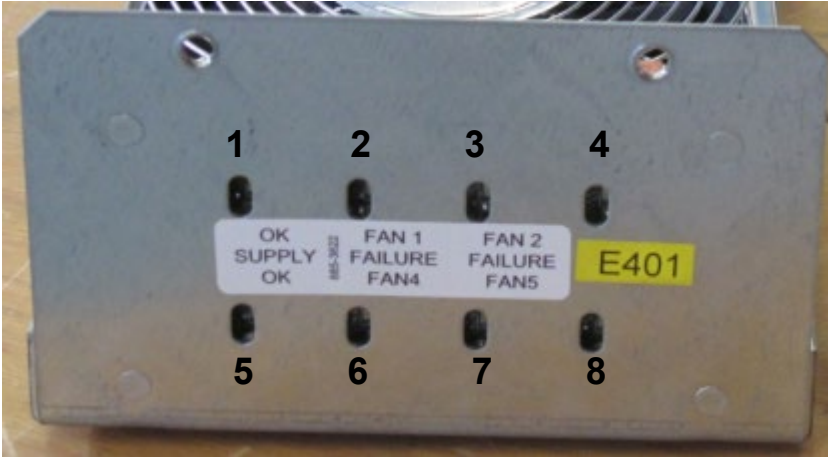
The fan module is responsible for cooling the static bypass switch and the connection box by forced cooling. The module consists of the mechanic, four fans (490-0095) and one fan monitoring board (0P2554).

2. INPUTS AND OUTPUTS

Connection	Designation	Electrical Data
J1000: 1	Sense	Optocoupler transistor pins (collector)
J1000: 2		Not connected
J1000: 3		Optocoupler transistor pins (emitter)
J1001: 1	Supply 1	15 V / 24 V
J1001: 2		GND
J1003: 1	Supply 2	15 V / 24 V
J1003: 2		GND

GUTOR by Schneider Electric		Specification of the SBS Connection Box Fan Module			
Project:	PXP	Reg. No.	0N-0902A-SPEC		
Originator:	LOA	Date:	9-Jun-10	Rev. No.	1
Checked:	TRI	Rev. Date:		Page:	3 / 5

3. INDICATIONS



There are 8 indication LEDs visible:

LED	Colour	Function
1	Green	Supply 1 ok
2	Red	Fan 1 Failure
3	Red	Fan 2 Failure
4	Red	Not used
5	Green	Supply 2 ok
6	Red	Fan 4 Failure
7	Red	Fan 5 Failure
8	Red	Not used

4. CONFIGURATION

No configuration needs to be done on the SBS connection fan box.

Project:	PXP	Reg. No.	0N-0902A-SPEC		
Originator:	LOA	Date:	9-Jun-10	Rev. No.	1
Checked:	TRI	Rev. Date:		Page:	4 / 5

5. MECHANICAL

Size of the SBS connection fan box: 14cm width, 60cm depth, 8.5cm height

SBS connection fan box weight: 2.5 kg



Project:	PXP	Reg. No.	0N-0902A-SPEC		
Originator:	LOA	Date:	9-Jun-10	Rev. No.	1
Checked:	TRI	Rev. Date:		Page:	5 / 5

6. REFERENCE DOCUMENTS

For more details please refer to the following documents, where “xx” stands for the latest revision:

- 0N-0902A_revxx MEI LM139.xls Assembly instruction
- 0N-0902A_revxx BOM.xls Bill of material
- 0N-0902A_revxx MTS.doc Module test specification