

Number of pages in this package ____ [including additional pages ____]
 (Fill in when using printed copy as record)

CLIENT INFORMATION	
Company Name	HMS Industrial Networks Ab
Address	STATIONSGATAN 37 HALMSTAD, SE-30245 SWEDEN

AUDIT INFORMATION:			
Description of Tests	Per Standard No.	UL50E	Edition/ Revision Date
			2/2015-10-16
		CSA C22.2 No 94.2-07	2/2015-10-16
<input checked="" type="checkbox"/> Tests Conducted by ¹ Thomas Pursche			
<input type="checkbox"/> UL Staff conducting or witnessing testing (WTD, TMP, WMT only) <input type="checkbox"/> UL Staff supervising UL Staff in training			
<input type="checkbox"/> Authorized Signatory (CTDP, TPTDP, TCP, PPP, SMT)			
		Printed Name	Signature. Include date for CTDP, TPTDP, TCP, PPP, WMT, TMP, SMT

TESTS TO BE CONDUCTED:			
Test No.	Done ³	Test Name	<input type="checkbox"/> Comments/Parameters <input type="checkbox"/> Tests Conducted by ² <input checked="" type="checkbox"/> Link to separate data files ⁴
1	2017-09-25	HOSEDOWN TEST	\\EUHRVD201\HRVOffice\Laboratory\Year 2017\212138 - 4787695988 HMS Industrial Networks Ab

Instructions -

- 1 - When all tests are conducted by one person, name can be inserted here instead of including name on each page containing data.
- 2 - When test conducted by more than one person, name of person conducting the test can be inserted next to the test name instead of including name on each page containing data. Test dates may be recorded here instead of entering test dates on the individual datasheet pages.
- 3 - Use of this field is optional and may be employed differently. If used to include a date instead of entering the testing date on the individual datasheet pages, the date shall be the date the test was conducted.
- 4 - Link to separate data files for a test can be inserted here. The link must be to a server that is accessible to UL staff, that provides for backup, required retention periods and a path, including file name, that does not change and result in a broken link. Not applicable to DAP.

Description of Tests	Per Standard No.	UL50E	Edition/ Revision Date	2/2015-10- 16
		CSA C22.2		2/2015-10-
		No 94.2-07		16

Tested by: _____

Date _____

TEST LOCATION: (To be completed by Staff Conducting the Testing)					
<input checked="" type="checkbox"/> UL or Affiliate	<input type="checkbox"/> WTDP	<input type="checkbox"/> CTDp	<input type="checkbox"/> TPTDP	<input type="checkbox"/> TCP	<input type="checkbox"/> PPP
	<input type="checkbox"/> WMT	<input type="checkbox"/> TMP	<input type="checkbox"/> SMT		
Company Name: UL International DEMKO A/S					
Address: Borupvang 5A, 2750 Ballerup, Denmark					

TEST EQUIPMENT INFORMATION

UL test equipment information is recorded on Meter Use.

UL test equipment information is recorded on <<insert location and local laboratory equipment system identification.>>

Inst. ID No.	Instrument Type	Test Number +, Test Title or Conditioning	Function /Range	Last Cal. Date	Next Cal. Date

+ - If Test Number is used, the Test Number must be identified on the data sheet pages or on the Data Sheet Package cover page.

The following additional information is required when using client's or rented equipment, or when a UL ID Number for an instrument number is not used. The Inst. ID No. below corresponds to the Inst. ID No. above.

Inst. ID No.	Make/Model/Serial Number/Asset No.

Tested by: _____

Date _____

HOSEDOWN TEST

Sec. 8.6

PRECONDITIONING

Is Misalignment test required (see clauses 7.4.2.3, 7.4.2.4, and 8.15 of UL50E)?

Yes - Conduct Misalignment Test prior to Hosedown Test

No - Continue with Hosedown Test

METHOD

A sample of the test enclosure and its external mechanisms was subjected to a stream of water from a hose having a 25 mm (1 inch) inside diameter nozzle delivering at least 240 L (65 gallons) per minute. The water stream was directed at all joints* of the enclosure from a distance of 3.0 to 3.5 m (10 to 12 feet) and was moved along each joint one time at a uniform nominal rate of 6 mm/s (1/4 inch / s).

The test length and test time are as tabulated below:

Joint Description	Dimension	mm (inches)	No. of sides	Test length, mm (inches)
<input type="checkbox"/> At back of Enclosure	Height		(x)	
	Width		(x)	
<input type="checkbox"/> At Enclosure sides	Depth		(x)	
	Height		(x)	
<input type="checkbox"/> Cover / Door	Width		(x)	
	Height		(x)	
<input type="checkbox"/> Cover / Door latches, handle				
<input type="checkbox"/> Mounting means with kit				
<input checked="" type="checkbox"/> Equipment, 360degrees around the sealing area	circumference	230		230
Total test length, mm (inches)				
Test time, min				38 sec
(Total test length) / (6 mm/s)				

* Note that identical joints/seams can be considered representative of each other when determining the test duration. Specifically, where joints and seams are identical, only the representative joint or seam is included in the calculation of the test duration. In this case, the water stream shall not be directed at those joints and seams not included in the calculation.

Conduit was installed to equalize internal and external pressure but it did not serve as a drain. No sealing compound, other than that normally provided by the manufacturer, was used.

Tested by: _____

Date _____

HOSEDOWN TEST (CONT'D):

Sec. 8.6

The tightening torque used for screws and screw type fasteners of doors and covers shall be in accordance with the following table of the manufacturer's specification:

Screw	Intended Tool	Torque
No. 6	Screwdriver	1.36 N•m (12 lbf-in)
No. 8	Screwdriver	2.26 N•m (20 lbf-in)
Other than No. 6 or No. 8	Screwdriver	3.96 N•m (35 lbf-in)
Unslotted, bolthead screw, direct bearing or securing a clamp	Wrench or screwdriver	18.1 N•m (160 lbf-in)

Measured tightening torque for screws and screw type fasteners of doors and covers:

Location:	Required (Nm) (ft-lb):	According to Table or Mfg. Spec.	Measured (Nm) (ft-lb):
Mounting nut	5 Nm	Mfg spec	As received from client

RESULTS

Test no.	1	2	3
Sample no.	1	N/A	N/A
Enclosure mounting orientation	HORIZONTAL	N/A	N/A
Test duration, min	38SEC	N/A	N/A
Water inside enclosure?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Location(s) of water entry		N/A	N/A
Amount of water in enclosure cavity		N/A	N/A
Comments: Tested 2017-09-25 by Thomas Pursche			
Lab Conditions: 21°C, 60%RH, 1023mbar, water 20.6°C			

The results of test nos. [1] ~~[2]~~ ~~[3]~~ on the Type [4] enclosure were considered acceptable because no water was observed inside the enclosure cavity at the conclusion of the test.

The results of test nos. ~~[1]~~ ~~[2]~~ ~~[3]~~ on the Type ~~[4]~~ ~~[4X]~~ were not considered acceptable because water was found inside the enclosure cavity at the conclusion of the test.

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Tested by: _____

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