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## Schedule

[14]

### EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 04 ATEX 136691

[15]

#### Description of Equipment or protective system

The type 557 Wiper unit is a self contained wiper arm and motor assembly used to clear moisture from the window of the camera unit. It comprises of a stainless steel enclosure and rear cover, into which a motor, gearbox and terminals are mounted on four posts. The drive from the motor to the wiper is taken via a suitably certified shaft and bearing assembly. The wiper unit has a M20 threaded mounting post welded to it.

#### Temperature range

The ambient temperature range is -20 °C to +50 °C.

The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range	Temperature class
-20 °C to +50 °C	T6

#### Electrical data

Maximum power = 40 Watts

#### Installation instructions

All cable entry devices and blanking elements shall be certified in type of explosion protection flameproof enclosure "d", suitable for the conditions of use and correctly installed.

Unused apertures shall be closed with suitable blanking elements.

For service temperatures below -10 °C and above +60 °C use field wiring suitable for both minimum and maximum ambient temperature.

#### Routine tests

Routine tests according to EN 50018 cl. 16 are required on the Wiper Unit, the enclosure shall be subjected to an overpressure of 10.4 bar for a minimum period of 10 seconds. There shall be no permanent deformation or damage to the enclosure.

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#### Report No.

Project Report No.: 135182-01 (Hazardous Location Testing)

#### Drawings:

Number	Date	Description
98066 - A4 - 3003 - 01	14 Jul 04	Wiper Unit Identification Plate Details
98066 - A1 - 3002 - 01	25 Jul 03	558 Pan & Tilt Unit Sections
98066 - A4 - 3002 - 02	25 Jul 03	558 Pan & Tilt Unit Drawing Notes

#### UL International Demko A/S

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Certificate: 04 ATEX 136691  
Report: 136691-01

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[17] Special conditions for safe use:

None


[18] Essential Health and Safety Requirements

Concerning ESR this Schedule verifies compliance with the Ex standards only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

On behalf of UL International Demko A/S

Herlev, 2004-08-16  
Revised 2004-08-24

  
Karina Christiansen  
Certification Manager

### UL International Demko A/S

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