

Schedule

- [13]
- [14] EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 05 ATEX 135385X
- [15] Description of Equipment or protective system
The Pressure Control apparatus are designed for fitting on the valve panel of the compressor. They measure the pressure of a medium and operate an electrical switch if a selected preset level of pressure is exceeded.
The Thermostats are designed in a similar way as Pressure Control apparatus. They measure the temperature of a medium and operate an electrical switch if a selected preset temperature level is exceeded.

The type variants comprised by the Certificate (the difference between types relates to their function/performance):

Thermostats types:
RT14E, RT101E, RT107E, RT123E

Pressure controls:

Type	Maximum working pressure
RT113E	0,4 bar
RT112E	7 bar
RT262AE	11 bar
RT1AE, RT5E, RT116E, RT260AE	22 bar
RT6AEB, RT6AES, RT6AEW	34 bar
RT117E	42 bar

The environmental conditions for the equipment have to remain under normal atmospheric conditions (incl. pressure of 0,8 bar to 1,1 bar).

Electrical data

Intrinsically safe specifications (for all types):

U_i	: 29 V
I_i	: 0,5 A
P_i	: 1,0 W
C_i	: 0,5 nF
L_i	: 0,2 μ H

Installation instructions

For ambient temperatures above +60 °C use field wiring suitable for maximum ambient temperature.

- [16] Report No.
Project Report No.: 135385-05 (Hazardous Location Testing)

UL International Demko A/S

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Certificate: 05 ATEX 135285X
Report: 135385-05

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Schedule

EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 05 ATEX 135385X

Drawings:

Description:	Drawing No.:	Rev. Level:	Date:
Overall dimensions of RT5E	017R0768-02 (sheet 1/3)	02	07.09.21
Overall dimensions of other RT pressure control bellows	017R0768-02 (sheet 2/3)	02	07.09.21
Overall dimensions of other RT thermo elements	017R0768-02 (sheet 3/3)	02	07.09.21
Overall dimensions of the pressure switch RT5E	017R0769-01	01	07.09.21
Pressure switch RT5E Function description	017R0770-04	04	07.04.05
Diagrammatic sketch of the pressure switch RT5E	017R0771-01	01	07.09.21
Pressure switch RT5E	017R0772	02	07.04.05
RT5E Pressure Switch	017R0773 (3 sheets)	03	07.09.21
Label instruction	017R3002-01	01	07.09.21
Gasket	017-0035	00	07.05.28
Gasket	017-0036	00	07.05.28
Gasket	017-0037	00	07.05.28

[17] Special conditions for safe use:

Temperature range

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

Ambient temperature range

-20 °C to +65 °C

Temperature class

T5

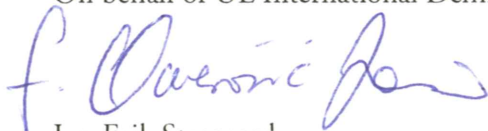
[18] Essential Health and Safety Requirements

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, 2007-11-12



Jan-Erik Storgaard
Certification Manager

UL International Demko A/S

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