

CETECOM ICT Services GmbH
EC Identification Number 0682

authorized by the German Government



Bundesnetzagentur

BNetzA-bS-02/51-52

to act as Notified Body in accordance with the R&TTE Directive 1999/5/EC of 9. March 1999.

EXPERT OPINION

Registration-No.: **E815301V-EO**

Certificate Holder: **Merten GmbH & Co. KG**
Fritz-Kotz-Straße 8
51674 Wiehl-Bomig
Germany

Product Designation: **ARGUS Connect Typ 5480 and ARGUS Connect Typ 5485**

Product Description: **Short Range Devices**
(wireless smoke detector)

Product Manufacturer: **Merten GmbH & Co. KG**
Fritz-Kotz-Straße 8
51674 Wiehl-Bomig
Germany

Essential requirements	Specifications / Standards	Submitted documents	Result
EMC (R&TTE, Article 3.1b)	EN 301 489-1 V1.6.1 (2005-09) EN 301 489-3 V1.4.1 (2002-08)	Test Reports	conform
Radio spectrum (R&TTE, Article 3.2)	EN 300 220-1 V2.1.1 (2006-04) EN 300 220-2 V2.1.1 (2006-04)	Test Report	conform

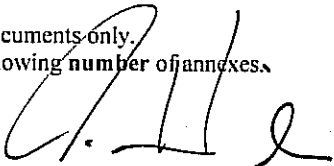
Marking: The product shall be marked with CE and our notified body number as shown right hand.

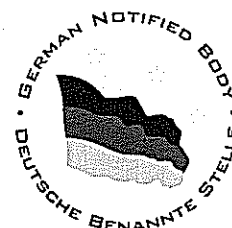
CE 0682

The scope of this evaluation relates to the submitted documents only.
The certificate is only valid in conjunction with the following number of annexes.

Number of annexes: **1**

Saarbrücken, 2008-04-09
Place, Date of Issue


Signed by Ernst Hussinger
Notified Body



Product Characteristics:

Wireless smoke detector in the variants ARGUS Connect Typ 5480 (9 V DC) and ARGUS Connect Typ 5485 (230 V AC)

Frequency Range : 868.7 – 869.2 MHz

RF Power Output (ERP) : < 10 mW

Type of Modulation : 2-FSK

RF-Channel : 1

Channel Separation : 100 kHz

Duty Cycle : < 0.1%

Antenna : integrated helix antenna

Operating Temperature Range : 5 °C to +35 °C

Conformity Details:

Evaluated test reports	
Requirement	Standard, test report number, date & laboratory
EMC	EN 301 489-1 V1.6.1 (2005-09) EN 301 489-3 V1.4.1 (2002-08) Test Report BMA 07033 issued 2007-04-25 by VDS-Labor Test Report BMA 07067 issued 2007-09-28 by VDS-Labor
Radio spectrum	EN 300 220-1 V2.1.1 (2006-04) EN 300 220-2 V2.1.1 (2006-04) Test Report 2-4742-01-04/07 issued 2008-03-06 by CETECOM ICT

Miscellaneous:

- TCF according to the application
