

# 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.: **E815647W-EO**

Certificate Holder: **Merten GmbH  
Fritz-Kotz-Straße 8  
51674 Wiehl-Bomig  
Germany**

Product Designation: **Connect Typ 507501, 507502, 507601 and 507801**

Product Description: **Short Range Devices  
(transceiver)**

Product Manufacturer: **Merten GmbH  
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 V1.8.1 (2008-04) EN 301 489-3 V1.4.1 (2002-08)	Test Reports	conform
Radio spectrum (R&TTE, Article 3.2)	Draft EN 300 220-1 V2.2.1 (2008-04) Draft EN 300 220-2 V2.2.1 (2008-04)	Test Report	conform

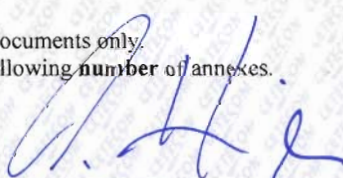
Marking: The product shall be marked with CE and our notified body number as shown right hand.

# 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, 2009-02-19  
Place, Date of Issue

  
Signed by Ernst Hussinger  
Notified Body



**Product Characteristics:**

Transceiver for remote control applications

Frequency Range	:	868.0 – 868.6 MHz
Operation Frequency	:	868.4 MHz
RF Power Output (ERP)	:	≤ 1 mW
Type of Modulation	:	FM (200KF1D)
RF-Channel	:	1
Channel Separation	:	200 kHz (wideband)
Duty Cycle	:	< 0.1%
Antenna	:	integrated antenna
Operating Temperature Range	:	-20 °C to +55 °C

**Conformity Details:**

<b>Evaluated test reports</b>	
<b>Requirement</b>	<b>Standard, test report number, date &amp; laboratory</b>
EMC	EN 301 489-1 V1.8.1 (2008-04) EN 301 489-3 V1.4.1 (2002-08)  Test Report 1-1025-01-05/08 issued 2009-01-21 by CETECOM ICT Test Report 08M375-08M376 issued 2008-11-18 by Merten FEE-Prüflabor Test Report 08M409-08M410 issued 2008-12-09 by Merten FEE-Prüflabor
Radio spectrum	Draft EN 300 220-1 V2.2.1 (2008-04) Draft EN 300 220-2 V2.2.1 (2008-04)  Test Report 1-1025-01-02/08 issued 2009-01-07 by CETECOM ICT

**Miscellaneous:**

- TCF according to the application

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