

Zertifikat

Certificate

Registrier-Nr.

Registration No.

44 207 09 369438-100

Zeichen des Auftraggebers Customer's reference	Auftragsdatum Date of order	Aktenzeichen File reference	Prüfbericht Nr. Test report no.
R+D2007-004	26.02.2009	8000369438	09 207 369438 11 207 382981

Name und Anschrift des Auftraggebers	JCM Technologies S.A. C/ Bisbe Morgades, 46, Baixos 08500 Vic – Barcelona Spain	Customer's name and address
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Geprüft nach	EN ISO 13849:2008 EN 12978:2003 Abschnitt 4.1 b) / clause 4.1 b)	Tested in accordance with
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Beschreibung des Produktes (Details siehe Anlage 1)	Wireless Transmitter- Receiver system for pressure sensitive protective equipment (PSPE) according to EN 12978 within garage door and gate control facilities	Description of product (Details see Annex 1)
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Typenbezeichnung	RBAND/OS or RBAND/B (Transmitter) in conjunction with RBAND/UMS (Receiver)	Type Description
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Fertigungsstätte	See Annex 2	Manufacturing plant
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Serien-Nr.	NA	Serial-no.
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Bemerkung	See Annex 1	Remark
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Dieses Zertifikat bescheinigt das Ergebnis der Prüfung an dem vorgestellten Prüfgegenstand. Eine allgemein gültige Aussage über die Qualität der Produkte aus der laufenden Fertigung kann hieraus nicht abgeleitet werden.
This certifies the result of the examination of the product sample submitted by the manufacturer. A general statement concerning the quality of the products from the series manufacture cannot be derived there from.

TÜV NORD CERT GmbH
 Zertifizierungsstelle der TÜV NORD CERT GmbH/
 TÜV NORD CERT GmbH Certification body

Gültig bis / Valid to: 29.09.2012

Essen, 07.01.2011

Bitte beachten sie auch die umseitigen Hinweise
 Please also pay attention to the information stated overleaf

Anlage 1 zum Zertifikat Nr.:

Annex 1 to Certificate no.:



44 207 09 369438-100

Rev. 1.1

Aktenzeichen: 8000369438

File reference

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Allgemeine Angaben

General information

Siehe Seite 1 des Zertifikates

See also page 1 of the Certificate

Typenbezeichnung

Type Description

RBAND/OS or RBAND/B (Transmitter) in conjunction with RBAND/UMS (Receiver)

Nennspannung:

Nominal Voltage

See below

Nennfrequenz:

Nominal Frequency

NA

Bemerkung

Remark

The control unit, which will be used in conjunction with the wireless Transmitter- Receiver system, must provide the Autotest functionality which is described in the technical documentation.

This certificate is only valid with an activated AUTOTEST functionality.

Description:

The application of the wireless Transmitter- Receiver system is to operate as a communication unit for pressure sensitive protective equipment (PSPE) according to EN 12978:2003 clause 4.1 b) within garage door and gate control facilities.

Technical ratings:

RBAND/UMS:

Nominal voltage: 12 V ... 24 V AC/DC
Nominal current: max. 255 mA
Type of protection: IP 54 (with IP 65 cable seals)
Ambient temperature range: -40 °C ... +85 °C
Range: 10 m
Frequency: Multi frequency system (433 MHz, 868 MHz)
Output: 2 Relays, rated current: 1 A
Software: RBAND2UMS 1.10, Checksum 0xDD, 29th July 2010

RBAND/OS and RBAND/B:

Nominal voltage: 3 V DC (2 X 1,5 V LR6 AA)
Nominal current: 10 mA
Type of protection: IP 65
Ambient temperature range: -20 °C ... +85 °C
Range: 10 m
Frequency: Multi frequency system (433 MHz, 868 MHz)
Battery lifetime: ca. 2 years
Software: RBAND2TS 1.10, Checksum 0x39, 29th July 2010

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