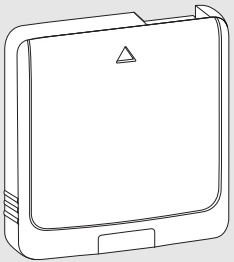
QUICK INSTALL GUIDE

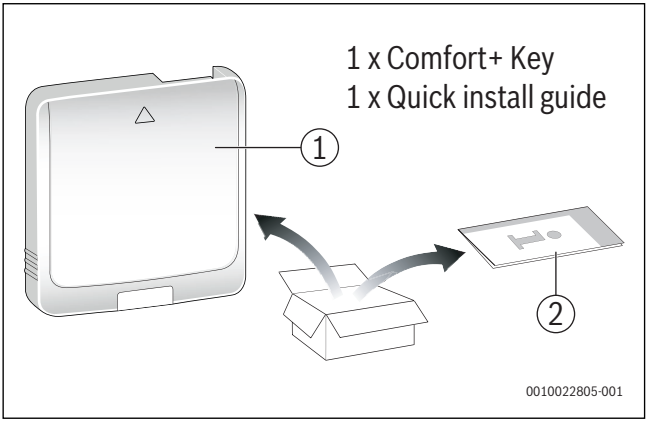
Comfort+ Key

Timer

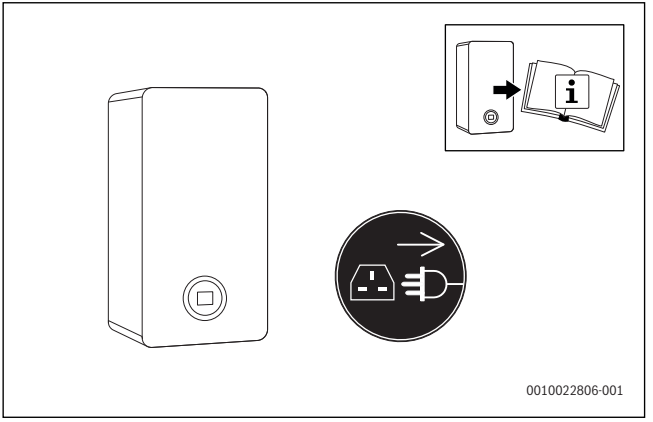


CE

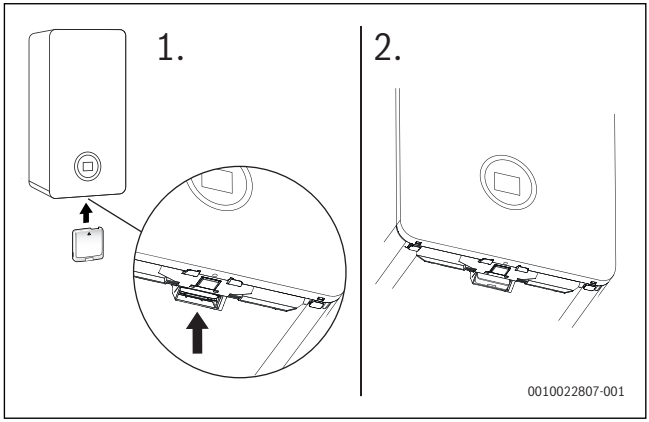
6720883021 (2018/05)


1 x Comfort+ Key
1 x Quick install guide
1
2
0010022805-001

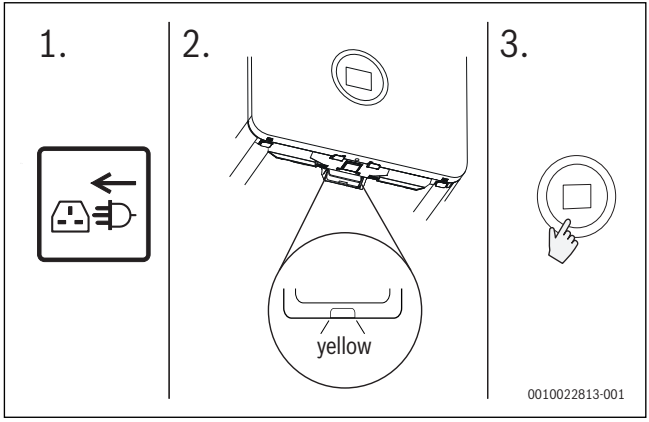
1


0010022806-001

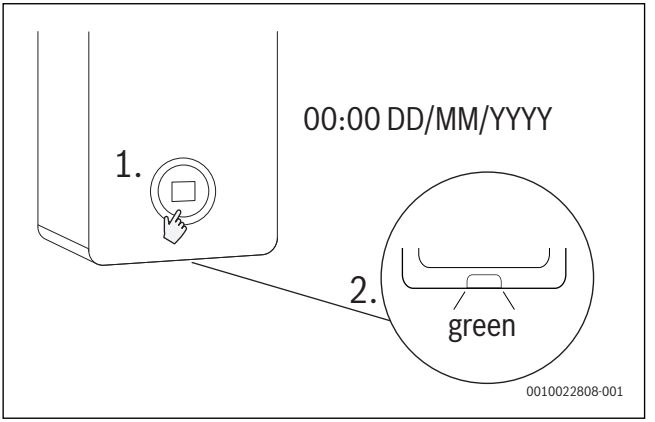
2



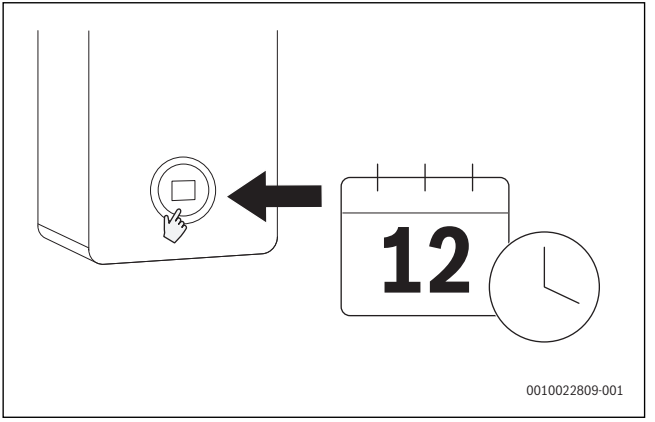
3



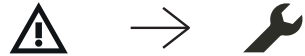
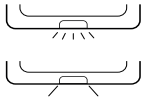
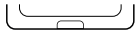
4



5



6

LED red		
LED yellow		SET TIME + DATE
LED green		
LED off		OFF

1

	Units	KT2
U	V_{DC}	12-23
P_{max}	W	220 mW
IP-class		IP30
T_{amb}	°C	0-50
m	g (lb)	38.5 (0.848)
	mm (inch)	h = 65 (2.55) w = 65 (2.55) d = 15 (0.59)
BUS		EMS 2

2

1 List of used Open Source Components.

This document contains a list of open source software (OSS) components used within the product under the terms of the respective licenses. The source code corresponding to the open source components is also provided along with the product wherever mandated by the respective OSS license

Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
ST Generated	Unspecified	BSD (Three Clause License) → chapter 3.1	Copyright © 2009 - 2015 ARM LIMITED
STM32cube generated files	Unspecified	BSD (Three Clause License) → chapter 3.1	COPYRIGHT© 2016 STMicroelectronicsCOPYRIGHT© 2014 STMicroelectronics
stm32f30x	Unspecified	MCD-ST Liberty Software License Agreement v2) → chapter 3.2	COPYRIGHT 2012 STMicroelectronics

Table 3

Provided that within certain OSS-Licenses (e.g. LGPL-2.0) necessary, reverse-engineering is allowed for the respective software component to the required extent.This shall not apply for other components of the software.

2 Used Commercial Source Components

2.1 This product contains software developed and licensed by SEGGER Software GmbH

3 Appendix - License Text

3.1 BSD (Three Clause License)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS „AS IS“ AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

3.2 MCD-ST Liberty Software License Agreement v2

SLA0044 Rev5/February 2018

BY INSTALLING COPYING, DOWNLOADING, ACCESSING OR OTHERWISE USING THIS SOFTWARE OR ANY PART THEREOF (AND THE RELATED DOCUMENTATION) FROM STMICROELECTRONICS INTERNATIONAL N.V, SWISS BRANCH AND/OR ITS AFFILIATED COMPANIES (STMICROELECTRONICS), THE RECIPIENT, ON BEHALF OF HIMSELF OR HERSELF, OR ON BEHALF OF ANY ENTITY BY WHICH SUCH RECIPIENT IS EMPLOYED AND/OR ENGAGED AGREES TO BE BOUND BY THIS SOFTWARE LICENSE AGREEMENT.

Under STMicroelectronics' intellectual property rights, the redistribution, reproduction and use in source and binary forms of the software or any part thereof, with or without modification, are permitted provided that the following conditions are met:

1. Redistribution of source code (modified or not) must retain any copyright notice, this list of conditions and the disclaimer set forth below as items 10 and 11.
2. Redistributions in binary form, except as embedded into microcontroller or microprocessor device manufactured by or for STMicroelectronics or a software update for such device, must reproduce any copyright notice provided with the binary code, this list of conditions, and the disclaimer set forth below as items 10 and 11, in documentation and/or other materials provided with the distribution.
3. Neither the name of STMicroelectronics nor the names of other contributors to this software may be used to endorse or promote products derived from this software or part thereof without specific written permission.
4. This software or any part thereof, including modifications and/or derivative works of this software, must be used and execute solely and exclusively on or in combination with a microcontroller or microprocessor device manufactured by or for STMicroelectronics.

5. No use, reproduction or redistribution of this software partially or totally may be done in any manner that would subject this software to any Open Source Terms. “Open Source Terms” shall mean any open source license which requires as part of distribution of software that the source code of such software is distributed therewith or otherwise made available, or open source license that substantially complies with the Open Source definition specified at www.opensource.org and any other comparable open source license such as for example GNU General Public License (GPL), Eclipse Public License (EPL), Apache Software License, BSD license or MIT license.
6. STMicroelectronics has no obligation to provide any maintenance, support or updates for the software.
7. The software is and will remain the exclusive property of STMicroelectronics and its licensors. The recipient will not take any action that jeopardizes STMicroelectronics and its licensors' proprietary rights or acquire any rights in the software, except the limited rights specified hereunder.
8. The recipient shall comply with all applicable laws and regulations affecting the use of the software or any part thereof including any applicable export control law or regulation.
9. Redistribution and use of this software or any part thereof other than as permitted under this license is void and will automatically terminate your rights under this license.
10. THIS SOFTWARE IS PROVIDED BY STMICROELECTRONICS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS, IMPLIED OR STATUTORY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS, WHICH ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW. IN NO EVENT SHALL STMICROELECTRONICS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

11. EXCEPT AS EXPRESSLY PERMITTED HEREUNDER, NO LICENSE OR OTHER RIGHTS, WHETHER EXPRESS OR IMPLIED, ARE GRANTED UNDER ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF STMICROELECTRONICS OR ANY THIRD PARTY.

[en] Important notes on installation/assembly

The installation/assembly must be carried out by a contractor who is authorised to do the work, following these instructions and with due regard to the relevant regulations. Noncompliance with specifications can result in material damage and/or personal injury, the latter of which may even be fatal.

- ▶ Check that the contents of the delivery are undamaged. Only fit parts which are in a faultless condition.
- ▶ Observe all the relevant instructions for other system components, accessories and spare parts.
- ▶ Before starting any work: disconnect the system from the power supply across all phases.

Old electrical and electronic appliances

Electrical or electronic appliances that are no longer serviceable must be collected separately and sent for environmentally compatible recycling (in accordance with the European Directive on Waste Electrical and Electronic Equipment).

To dispose of old electrical or electronic appliances, you should use the return and collection systems put in place in the country concerned.

TECHNICAL SUPPORT:	0330 123 3366
RENEWABLE SUPPORT:	0330 123 9229
CONTROLS AND CONNECTIVITY TEAM:	0330 123 3641
APPOINTMENTS:	0330 123 9339
SPARES:	0330 123 9779
LITERATURE:	0330 123 9119
TRAINING:	0330 123 0166
SALES:	0330 123 9669

Bosch Thermotechnology Ltd.
Cotswold Way, Warndon
Worcester WR4 9SW
United Kingdom
Tel. 0330 123 9559
worcester-bosch.co.uk

WORCESTER

BOSCH