



WAGO-I/O-
PRO V2.3

Compatibility list DALI Sensors

DALI Multi-Master Module 753-647

1.2.4

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Every conceivable measure has been taken to ensure the accuracy and completeness of this documentation. However, as errors can never be fully excluded, we always appreciate any information or suggestions for improving the documentation.

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Table of Contents

1	Notes about this Documentation	4
1.1	Copyright.....	4
1.2	Symbols	4
1.3	Number Notation	6
1.4	Font Conventions	6
1.5	Legal Bases.....	7
1.5.1	Subject to Changes.....	7
1.5.2	Personal Qualifications	7
1.5.3	Limitation of Liability.....	7
1.6	Revision History.....	8
2	DALI-2 Sensors	9
2.1	DALI-2 Sensors	10
2.2	DALI-2 Sensors WAGO	11
3	DALI Sensors	12
3.1	DALI Sensors WAGO	12
3.2	DALI Sensors Osram.....	14
3.3	DALI Sensors Tridonic.....	15
3.4	DALI Sensors Theben (HTS)	16
3.5	DALI Sensors Lunatone.....	17
	List of Tables	18

1 Notes about this Documentation

1.1 Copyright

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1.2 Symbols

 **DANGER****Personal Injury!**

Indicates a high-risk, imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **DANGER****Personal Injury Caused by Electric Current!**

Indicates a high-risk, imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING****Personal Injury!**

Indicates a moderate-risk, potentially hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION****Personal Injury!**

Indicates a low-risk, potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE**Damage to Property!**

Indicates a potentially hazardous situation which, if not avoided, may result in damage to property.



NOTICE

Damage to Property Caused by Electrostatic Discharge (ESD)!

Indicates a potentially hazardous situation which, if not avoided, may result in damage to property.



Note

Important Note!

Indicates a potential malfunction which, if not avoided, however, will not result in damage to property.



Information

Additional Information:

Refers to additional information which is not an integral part of this documentation (e.g., the Internet).

1.3 Number Notation

Table 1: Number Notation

Number Code	Example	Note
Decimal	100	Normal notation
Hexadecimal	0x64	C notation
Binary	'100' '0110.0100'	In quotation marks, nibble separated with dots (.)

1.4 Font Conventions

Table 2: Font Conventions

Font Type	Indicates
<i>italic</i>	Names of paths and data files are marked in italic-type. e.g.: <i>C:\Program Files\WAGO Software</i>
Menu	Menu items are marked in bold letters. e.g.: Save
>	A greater-than sign between two names means the selection of a menu item from a menu. e.g.: File > New
Input	Designation of input or optional fields are marked in bold letters, e.g.: Start of measurement range
"Value"	Input or selective values are marked in inverted commas. e.g.: Enter the value "4 mA" under Start of measurement range .
[Button]	Pushbuttons in dialog boxes are marked with bold letters in square brackets. e.g.: [Input]
[Key]	Keys are marked with bold letters in square brackets. e.g.: [F5]

1.5 Legal Bases

1.5.1 Subject to Changes

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1.5.2 Personal Qualifications

The use of the product described in this document is exclusively geared to specialists having qualifications in PLC programming, electrical specialists or persons instructed by electrical specialists who are also familiar with the appropriate current standards.

Moreover, the persons cited here must also be familiar with all of the products cited in this document, along with the operating instructions. They must also be capable of correctly predicting any hazards which may not arise until the products are combined.

WAGO GmbH & Co. KG assumes no liability resulting from improper action and damage to WAGO products and third-party products due to non-observance of the information contained in this document.

1.5.3 Limitation of Liability

This documentation describes the use of various hardware and software components in specific example applications. The components may represent products or parts of products from different manufacturers. The respective operating instructions from the manufacturers apply exclusively with regard to intended and safe use of the products. The manufacturers of the respective products are solely responsible for the contents of these instructions.

The sample applications described in this documentation represent concepts, that is, technically feasible application. Whether these concepts can actually be implemented depends on various boundary conditions. For example, different versions of the hardware or software components can require different handling than that described here. Therefore, the descriptions contained in this documentation do not form the basis for assertion of a certain product characteristic.

Responsibility for safe use of a specific software or hardware configuration lies with the party that produces or operates the configuration. This also applies when one of the concepts described in this document was used for implementation of the configuration.

WAGO GmbH & Co. KG is not liable for any actual implementation of the concepts.

1.6 Revision History

Table 3: Revision History

Version	Author	Description of Change
1.0.0	u0100408	First issue.
1.1.0	u0100408	B.E.G. & Steinel Sensors added.
1.1.1	u0100408	Table of Contents updated.
1.1.2	U018088	Changed Lunatone DALI MC+ article numbers.
1.1.3	u0100408	Corrected link to wago.com and a DALI XC note in chapter Lighting Management.
1.1.4	u0100408	Added B.E.G Sensors in chapter e!COCKPIT. Added 2 new Tridonic Sensors in chapter v2.3, e!C and DALI Configurator. DALI 2 Sensors - added note to new WagoAppDali. Improved layout of header and footer.
1.1.5	u018088	Added DALI-2 Sensors.
1.1.6	u018088	Separated Niko / Züblin Sensors.
1.1.7	u018088	Updated phone number. Separately listed DALI-2 Sensors.
1.1.8	u018088	Updated library in note for DALI-2 Sensors in CODESYS 2.3.
1.1.9	u018088	Listed DALI-2 Sensors as Lighting Management compatible.
1.1.10	u0100408	Added WAGO-Sensors 2851-830x.
1.1.11	u018088	Note for support of B.E.G Sensors from FW V7.3 added.
1.1.12	u018088	Added Zencontrol Switch.
1.1.13	u018088	Removed Switch Coupler in flexROOM V3.
1.1.14	u018088	Added WAGO DALI-2 Sensors.
1.1.15	u018088	Removed Niko / Züblin Sensors.
1.1.16	u018088	Formatting document.
1.1.17	u018088	Added WAGO and Esylux DALI-2 Sensors.
1.1.18	u018088	Added DALI-2 Sensors to WAGO flexROOM® V3.x.x.
1.1.19	u018088	Added Esylux WINSTA DALI-2 Sensors.
1.2.0	u018088	Transferred to new format template. Added columns indicating supported applications.
1.2.1	u018088	Added column "WAGO Lighting Management V2".
1.2.2	u018088	Removed STEINEL sensors.
1.2.3	u018088	Precised DALI-2 sensor compatibility from WAGO flexROOM® V3.x.x to WAGO flexROOM® V3.2.x
1.2.4	u018088	Marked discontinued DALI Sensors WAGO

2 DALI-2 Sensors

Information



Digital Illumination Interface Alliance (DiiA) product list search filter:

Use the filters on the DiiA product list page to search for input devices.

- Input devices
 - Includes Push-button/digital input (part 301)
 - Includes Slider/switch/digital/analogue input (part 302)
 - Includes Occupancy sensor (part 303)
 - Includes Light sensor (part 304)
 - Includes generic input device
 - Bus powered
 - Luminaire-mounted control devices (part 351)
 - D4i
- Bus power supplies
- AUX power supplies

Search

2.1 DALI-2 Sensors

Table 4: DALI-2 Sensors

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
DALI-2 certified products	-	Standard	<p>DALI-2 certified sensors on the Digital Illumination Interface Alliance (DiiA) product list should be supported.</p> <p>Consider the information box above for setting filters.</p> <p>Certification tests are executed by the sensor manufacturers according to the DiiA guidelines.</p>	x	x	x	x	x	x

2.2 DALI-2 Sensors WAGO

Table 5: DALI-2 Sensors WAGO

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
PD11-DALI-2-BMS-FLAT	2852-7210	Standard	Low Bay Sensor for office rooms Ceiling installation, IP20	x	x	x	x	x	x
PD4-DALI-2-BMS-GH	2852-7213	Standard	High Bay Sensor for warehouses On-wall installation, IP54	x	x	x	x	x	x
PD4N-DALI-2-BMS	2852-7214	Standard	Mid Bay Sensor for open-plan offices, underground garages, halls, production halls Ceiling installation, IP20 For on-wall installation “AP Montageset IP54” (Article number: 2852-7215) required	x	x	x	x	x	x
G3 SRC 30 PIR 5DPI WH	2852-7220	Standard	Low Bay Sensor for office rooms Ceiling installation, IP20	x	x	x	x	x	x
DALI-2 MSensor G3 SSM 30 10DPI WH	2852-7221	Standard	MID BAY-Sensor for higher rooms (up to 10m) On-wall installation, IP20	x	x	x	x	x	x
DALI-2 MSensor G3 SSM 30 5DPI WH	2852-7223	Standard	Low Bay Sensor for office rooms On-wall installation, IP20	x	x	x	x	x	x
DALI XC G3 (DALI-2)	2852-7225	Standard	Push Button Coupler for connecting 4 conventional switches to DALI	x	x	x	x	x	x

3 DALI Sensors

Note



Software information!

For further information about the WAGO flexROOM® V3 Software visit www.wago.com

3.1 DALI Sensors WAGO

Table 6: DALI Sensors WAGO

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
DALI-Multi-Sensor-Kit	2851-8201	1	Discontinued*	x	x	x		x	x
DALI-Sensor-Coupler	2851-8202	1	Discontinued*	x	x	x		x	x
DALI-MSensor-02 5DPI 41rc	2851-8301	2	Discontinued*	x	x			x	x
DALI-MSensor-02 5DPI 41w	2851-8302	2	Discontinued*	x	x			x	x
DALI-MSensor-02 5DPI 41rs	2851-8303	2	Discontinued*	x	x			x	x

*Product is no longer available for order. It is recommended to use the product only for replacement and no longer for new installations.

DALI Multi-Master Module 753-647 Compatibility list DALI Sensors

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
DALI Highbay Adapter + DALI Highbay	2852-7207 2852-7201	1	Discontinued* NOTE: The delay period (default 15 min) has to be set directly at the device. For further information see device manual.	x	x	x		x	x
DALI Highbay Adapter + DALI Vision	2852-7207 2852-7202	1	Discontinued*	x	x	x		x	x
DALI LS/PD LI	2852-7203	1	Discontinued* Installation via LS/PD CI KIT or LS/PD AP KIT possible	x	x	x		x	x
DALI Sensor Coupler E	2852-7204	1	Discontinued*	x	x	x		x	x
DALI Sensor Coupler HF LS LI + HF LS LI + 4p4c Connection Cable	2852-7205 2852-7206 2852-7208	1	Discontinued*	x	x	x		x	x
DALI XC	2852-7301	2	Discontinued* Lighting Management: Only Button pairs (e.g. B1 & B2 or B3 & B4) are configurable.	x	x	x			x

*Product is no longer available for order. It is recommended to use the product only for replacement and no longer for new installations.



3.2 DALI Sensors Osram

Table 7: DALI Sensors Osram

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
Sensor Adapter + DALI Highbay	4008321 774132 4008321 410078	1	NOTE: The delay period (default 15 min) has to be set directly at the device. For further information see device manual.	x	x	x		x	x
Sensor Adapter + DALI Vision	4008321 774132 4008321 957047	1	-	x	x	x		x	x
DALI LS/PD LI	4052899 043954	1	Installation via LS/PD CI KIT or LS/PD AP KIT possible	x	x	x		x	x
DALI Professional Sensor Coupler HF LS LI + DALI Radar Sensor HF LS LI	4052899 141728 4052899 921481	1	-	x	x	x		x	x
DALI Sensor Coupler E	4052899 230491	1	-	x	x	x		x	x
DALI PRO PB Coupler	4008321 496461	1	-	x	x				x

Application Note

1.2.4

3.3 DALI Sensors Tridonic

Table 8: DALI Sensors Tridonic

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
MSensor 5DPI 14f (MSensor Mini)	28000935	2	-	x	x			x	x
MSensor 5DPI 14c (MSensor Mini)	28000936	2	-	x	x			x	x
DALI XC	22185327	2	-	x	x	x			x
DALI-MSensor 02 5DPI 41rc	28000895	2	-	x	x			x	x
DALI-MSensor 02 5DPI 41w	28000896	2	-	x	x			x	x
DALI-MSensor 02 5DPI 41rs	28000894	2	-	x	x			x	x

3.4 DALI Sensors Theben (HTS)

Table 9: DALI Sensors Theben (HTS)

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
PlanoSpot 360 DALI DE WH Presence Detector	2030110	Standard	CODESYS V 2.3: -DALI_647_SpecialSensor_02.lib needed. -Configuration via the DALI_647_SpecialSensor_02 visualization possible. DALI-Configurator: Only addressing possible	x					x

3.5 DALI Sensors Lunatone

Table 10: DALI Sensors Lunatone

Sensors				Application					
Description	Article number	Sensor type	Additional information	CODESYS V2.3	e!COCKPIT	WAGO Lighting Management	WAGO Lighting Management V2	WAGO flexROOM V3.2.x	WAGO DALI Configurator
DALI MC+	86459532-WA	2	Not all parameters are supported DALI-Configurator: Only addressing possible	x	x				x
DALI Switch Cross Multifunctional Switch Module	86459793	2	Not all parameters are supported DALI-Configurator: Only addressing possible	x	x				x

List of Tables

Table 1: Number Notation	6
Table 2: Font Conventions	6
Table 3: Revision History	8
Table 4: DALI-2 Sensors	10
Table 5: DALI-2 Sensors WAGO	11
Table 6: DALI Sensors WAGO	12
Table 7: DALI Sensors Osram.....	14
Table 8: DALI Sensors Tridonic.....	15
Table 9: DALI Sensors Theben (HTS).....	16
Table 10: DALI Sensors Lunatone.....	17



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