WSDD 53V / WSDD 59V

Direct dialling modules for wallmount stations

WSDD 53V

WSDD 59V

Vandal-resistant **Third-party integration** **Back-lit keypad**

Expand your Intercom station

Vandal resistant direct dialling module with back-lit direct dialling buttons and label areas. Fits any digital or IP-based station of the WS Series or devices with input level detection.

The modules are protected by a 3 mm stainless steel front panel, special screws and rugged construction – IP rating IP66 and mechanical impact resistance IK09.

Features and highlights

– Direct dialling module with 3 programmable direct dialling buttons and label areas (WSDD 53V) or with 9 programmable direct dialling buttons and label areas (WSDD 59V)
– Back-lit direct dialling buttons and label areas
– IP rating IP66, mechanical impact resistance IK09
– Front panel made of V2A stainless steel
– The modules are suitable for mounting above, below or next to a WS station and may also be positioned autonomously

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WSDD 53V / WSDD 59V
Technical specifications

Technical data

IP rating:	IP66 (acc. to EN 60529)
Mechanical impact resistance:	IK09 (acc. to EN 62262)
Front panel:	V2A stainless steel, DIN/EN 1.4301, 3 mm (0.12 in)
Operating temperature range:	−20 °C to +70 °C (−4 °F to +158 °F)
Storage temperature range:	−20 °C to +70 °C (−4 °F to +158 °F)
Relative humidity:	up to 95 %, not condensing
Connection:	pluggable screw terminals
Cabling:	2 wires for connection to the device input (attention: max. line length for connection 3 m, 9.8 ft) optionally 2 wires for power supply 0.08 mm² – 1.5 mm² (AWG 28 – AWG 16)
Power supply:	15 – 35 V DC or 12 – 24 V AC WSDD 59V: max. 3.0 W WSDD 53V: max. 1.5 W (just required for lighting)
Mounting:	WSDD 53V: flush mount kit WSFB 52V surface mount kit WSSH 52V WSDD 59V: flush mount kit WSFB 50V surface mount kit WSSH 50V
Dimensions (W x H x D):	WSDD 53V with flush mount kit: W 164 mm (6.5 in), H 139 mm (5.47 in), D 14 mm (0.51 in) with surface mount kit: W 164 mm (6.5 in), H 139 mm (5.47 in), D 50 mm (2 in) WSDD 59V with flush mount kit: W 164 mm (6.5 in), H 279 mm (11 in), D 14 mm (0.51 in) with surface mount kit: W 164 mm (6.5 in), H 279 mm (11 in), D 50 mm (2 in)
Weight incl. package:	WSDD 53V: 730 g (1.6 lbs) WSDD 59V: 1,630 g (3.6 lbs)

Extent of supply

- – Direct dialling module
- – Mounting screws
- – Flush-mount socket connection kit (WSDD 59V only)
- – Short reference

Compatibility

- – Symphony MX
- – Symphony BF
- – Classic WS series
- – Intercom modules

The modules can be connected directly to the Intercom station's input port or via an expansion module (available separately; e.g. EB3E2A-AUD).

WSDD 53V / WSDD 59V
Installation instructions

Safety instructions

– This device shall be installed or replaced by trained and qualified personnel only.

– Do not make any unauthorised modifications to the device.

– All connected circuits shall fulfil the requirements for Safety Extra Low Voltage (SELV) and Limited Power Source (LPS) according to IEC/EN 60950-1 and the requirements for ES1, PS2 circuits and Annex Q (Limited Power Source) as per IEC/EN 62368-1.

– This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can ra-diate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interfer-ence will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

  – Reorient or relocate the receiving antenna.

  – Increase the separation between the equipment and receiver.

  – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

  – Consult the dealer or an experienced radio/TV technician for help.
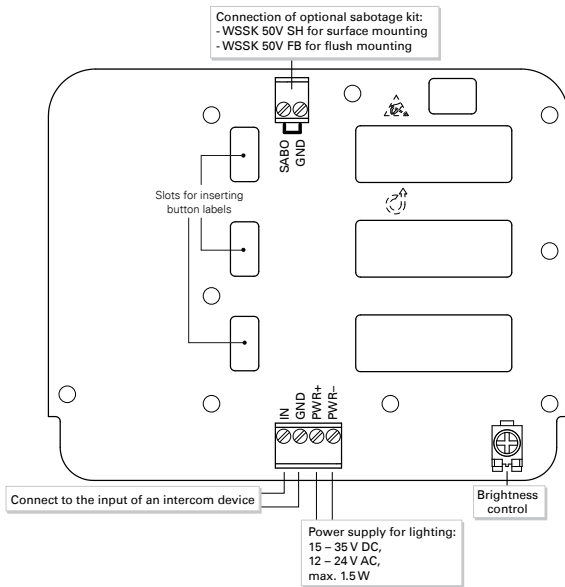
Mounting instructions

– When mounting next to a WS series station the cable outlet on the bottom or at the rear must be used.

– Max. permitted IN/GND cable length: 3.0 m (9.84 ft.).

– Observe the country-specific standards for installation, mounting and configuration.

– Before using the device, ensure all cables are connected correctly and not damaged.

– For flush mounting, a flush mount kit WSFB 50V (WSDD 59V) or WSFB 52V (WSDD 53V) is required (available separately).

– For surface mounting, a surface mount kit WSSH 50V (WSDD 59V) or WSSH 52V (WSDD 53V) is required (available separately).
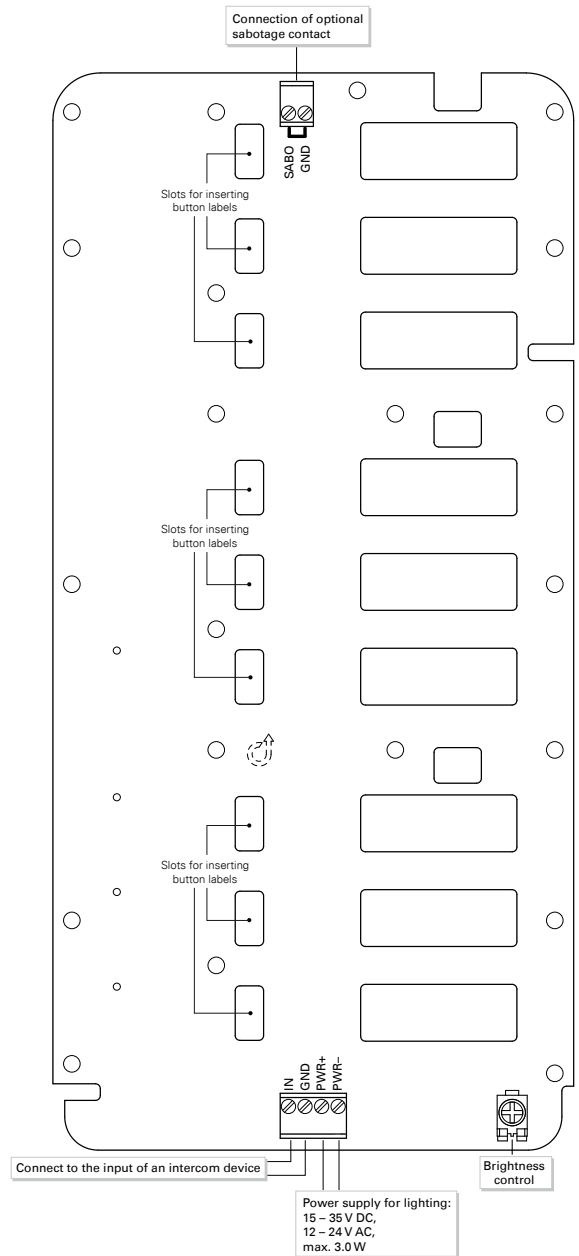
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WSDD 53V / WSDD 59V
Installation instructions

Connection WSDD 53V

Measuring units in mm (in), not to scale!

Connection of optional sabotage kit:
- WSSK 50V SH for surface mounting
- WSSK 50V FB for flush mounting

SABO
GND

Slots for inserting
button labels

IN
GND
PWR+
PWR−

Connect to the input of an intercom device

Brightness
control

Power supply for lighting:
15 – 35 V DC,
12 – 24 V AC,
max. 1.5 W

Connection WSDD 59V

Measuring units in mm (in), not to scale!

Connection of optional
sabotage contact

SABO
GND

Slots for inserting
button labels

Slots for inserting
button labels

Slots for inserting
button labels

IN
GND
PWR+
PWR−

Connect to the input of an intercom device

Brightness
control

Power supply for lighting:
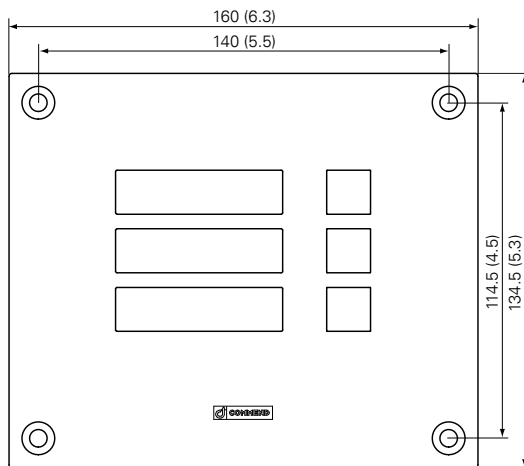15 – 35 V DC,
12 – 24 V AC,
max. 3.0 W

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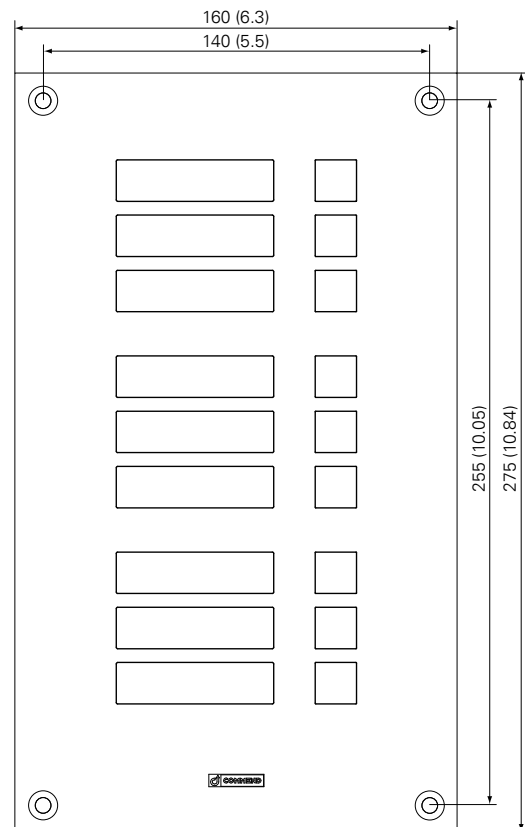commend

WSDD 53V / WSDD 59V
Installation instructions

Dimensions front panel WSDD 53V

Front panel thickness: 3 mm (0.12″)
Measuring units in mm (in), not to scale!

Dimensions front panel WSDD 59V

Front panel thickness: 3 mm (0.12″)
Measuring units in mm (in), not to scale!

Quality tested. Reliable. Smart.

COMMEND products are developed and manufactured by Commend International in Salzburg, Austria.

The development and manufacturing processes are certified in accordance with **EN ISO 9001:2015**.

A strong worldwide network

COMMEND is represented all over the world by local Commend Partners and helps to improve security and communication with tailored Intercom solutions.

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IN | 3

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