INSTALLATION INSTRUCTIONS

GLASS TOUCH PANEL

REFERENCE:

LSSMBU02N*
LSSMBU03N*
LSSMBU04N*
LSSMBU06N*
LSSMBU09N*
LSSMBU10N*
LSSMBU12N*
LSSMTH07N*
LSSMTH08N*
LSSMDN01N*
LSSMDP01N*
LSSMKH03N*
LSSMKH03R*

* : P_A=Product, S_A = Mock-up Sampled

	REFERENCE	DESCRIPTION
	LSSMBU02N*	GLASS PANEL, MODUS, 2 BUTTONS
	LSSMBU03N*	GLASS PANEL, MODUS, 3 BUTTONS
	LSSMBU04N*	GLASS PANEL, MODUS, 4 BUTTONS
	LSSMBU06N*	GLASS PANEL, MODUS, 6 BUTTONS
	LSSMBU09N*	GLASS PANEL, MODUS, 9 BUTTONS
	LSSMBU10N*	GLASS PANEL, MODUS, 10 BUTTONS
	LSSMBU12N*	GLASS PANEL, MODUS, 12 BUTTONS
	LSSMKH03N*	GLASS KEYCARD HOLDER, MODBUS
	LSSMKH03R*	GLASS KEYCARD HOLDER, MODBUS, RFID
	LSSMDN01N*	GLASS DOOR PANEL, MODBUS, NUMBER
	LSSMDP01N*	GLASS DOOR PANEL, MODBUS, NUMBER, PRESENCE
	LSSMTH07N*	GLASS THERMOSTAT, MODBUS, 7 BUTTONS
	LSSMTH08N*	GLASS THERMOSTAT, MODBUS, 8 BUTTONS

Category	Reference	Description
Glass Touch Panels	LSSMBU02N*	GLASS PANEL, MODBUS, 2 BUTTONS
Glass Touch Panels	LSSMBU03N*	GLASS PANEL, MODBUS, 3 BUTTONS
Glass Touch Panels	LSSMBU04N*	GLASS PANEL, MODBUS, 4 BUTTONS
Glass Touch Panels	LSSMBU06N*	GLASS PANEL, MODBUS, 6 BUTTONS
Glass Touch Panels	LSSMBU09N*	GLASS PANEL, MODBUS, 9 BUTTONS
Glass Touch Panels	LSSMBU10N*	GLASS PANEL, MODBUS, 10 BUTTONS
Glass Touch Panels	LSSMBU12N*	GLASS PANEL, MODBUS, 12 BUTTONS
Glass Touch Thermostat	LSSMTH07N*	GLASS THERMOSTAT, MODBUS, 7 BUTTONS
Glass Touch Thermostat	LSSMTH08N*	GLASS THERMOSTAT, MODBUS, 8 BUTTONS
Glass Door Panels	LSSMDN01N*	GLASS DOOR PANEL, MODBUS, NUMBER
Glass Door Panels	LSSMDP01N*	GLASS DOOR PANEL, MODBUS, NUMBER, PRESENCE
Glass Keycard Holders	LSSMKH03N*	GLASS KEYCARD HOLDER, MODBUS
Glass Keycard Holders	LSSMKH03R*	GLASS KEYCARD HOLDER, MODBUS, RFID

Dimensions

Dimension	**95 x 95**	LSSMBU02N*, LSSMBU03N*, LSSMBU04N*, LSSMBU06N*, LSSMBU09N*, LSSMBU12N*, LSSMTH07N*, LSSMDN01N*, LSSMKH03N*, LSSMKH 03R*
	160 x 95	LSSMBU10N*, LSSMTH08N*
	160 x 120	LSSMDP01N*

Technical Specifications

Front cover options	Glass surface with customizable background color (Typical colours --- silver, champagne gold, white and black)
Supply voltage	24 V DC
Current consumption	30 mA
Physical interface	RS485
Communication protocols	Modbus
RFID Frequency	13.56 MHz
Temperature tolerance	± 0.5° C / ±0.9° F
Indicator backlight	Typically available as follows, and customisable:
	Black glass: Available colours: white, amber, blue, light green, red
	White glass: Available colours: black, grey, amber, blue, red
	Silver glass: Available colours: black, white, amber, blue, red
	Gold glass: Available colours: black, white, red
Mounting	Snap-in magnetic mounting
Warm up time	Typical 20 seconds
Operating temperature	0 to 45° C / 32° to 113° F
Storage temperature	0 to +60° C / 32 to 140° F
Operating humidity	10% - 95% RH, non-condensing
IP Class	IP20
Action	Type 1
Pollution degree	2

Features

Glass Touch Panel Hotel Series are extra low voltage switch panels connected through the Hotel Room Controller system (HRC System). They provide direct switching from inside a hotel room of lighting, dimming, curtains and air conditioning.

Safety, Installation and Operation Requirements

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be installed and serviced by appropriately qualified and/or licenced electrical personnel.
- Isolate the electrical supply before doing any work on this product.
- Ensure that the product has been correctly installed and tested for safe operation before reconnecting the electrical supply.
- The products are powered by the hotel customer control system power module.The products must be working in the customer control system.The products are input and display devices of human-computer interaction .The products must be used with HRC(Hotel Room Controller) of the customer control system.

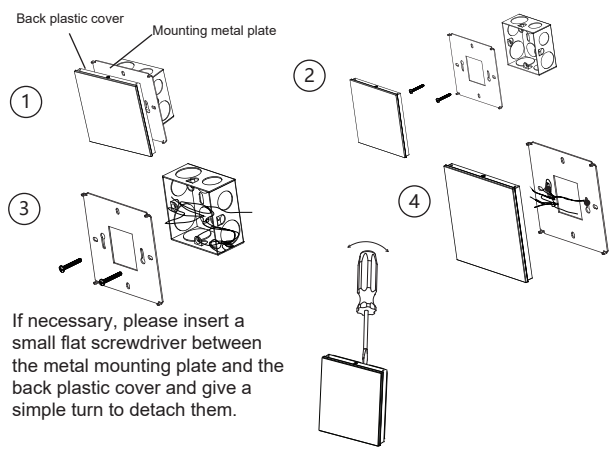
Failure to follow these instructions will result in death or serious injury.

⚠ CAUTION

INSTALLATION HAZARD

Make sure that there is at least a depth of 35mm on a wall box for the glass touch panel.

Failure to follow these instructions can result in injury or equipment damage.



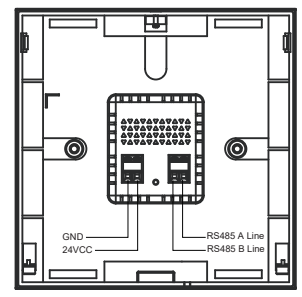
If necessary, please insert a small flat screwdriver between the metal mounting plate and the back plastic cover and give a simple turn to detach them.

Installation Steps

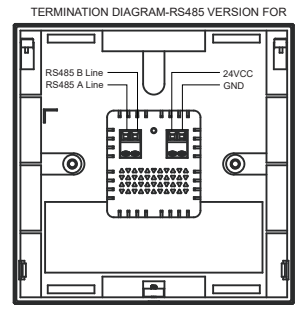
1. Separate the mounting metal plate and wall box from the glass touch panel.
2. Unscrew the 2x mounting screws from the mounting metal plate.
   Install the wall box attached or use the wall box installed.
3. Screw the mounting metal plate to the installed wall box and pull out the power wires (24 V/COM) and Modbus RS485 wires.
4. Connect the Modbus RS485 and power wires to the connectors according to the connection diagram on the product.
5. Push the glass touch panel toward the mounting metal plate to engage the side clips.

Wiring diagrams

TERMINATION DIAGRAM-RS485 VERSION FOR LSSMBU02N* LSSMBU03N* LSSMBU04N* LSSMBU06N* LSSMBU09N* LSSMBU12N* LSSMTH07N* LSSMDN01N* LSSMBU10N* LSSMTH08N* LSSMDP01N*



TERMINATION DIAGRAM-RS485 VERSION FOR LSSMKH03N* LSSMKH03R*



QGH7885600Rev.01

Technical Support and Warranty

For technical or warranty queries, contact the Customer Care Centre in your country:

www.schneider-electric.com/contact

diecut line

folded line

Dimension: 255 x 170 mm
85 x 85 mm (folded)
Colour: Black
Material: 80gsm paper

DECN /ECN /TCAN	DESCRIPTION	DRN	REV
DECN2018	Updated CR and Remove “GCR_” & “_PTO”	Sinda LIN	01
DECN201716529	Initial Release, 2017/06/12	Sinda LIN	00

NUMBER: QGH7885600 | Revision 01 | Sheet: 1/1

FCC Information

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This device complies with Part 15 of the FCC Rules, operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

• Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

• NOTE: 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 radiate 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 interference 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.