

KNX Push-button

Installation instructions





NP16212_01 NP16214_01

(Notes: suffix MS/WG/SL/BK, C1/C2/E1 etc. stands for the colors and sales areas)

Product Introduction

Unica KNX push button is programmable, with integrated bus coupling unit. The device is connected to the bus line with a bus connecting unit. You can commission different functions for each button, e.g. switching, blind or scene retrieval. The icons are changeable per different requirements



For your safety

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UNICA

A DANGER

RISK OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be installed and serviced by appropriately qualified and/or licenced electrical personnel.
 - Connecting to installation networks Connecting several electrical devices
 Laying electric cables
 - Connecting and establishing KNX networks Testing KNX installation.
 - This product must only be used for the purpose described in these instructions and must be installed in accordance with the wiring rules of
- SELV and regulations in that location. Ensure that the product has been correctly
- installed and tested for safe operation before reconnecting the electrical supply. Failure to follow these instructions will result in death or serious injury

A WARNING

RISK OF ELECTRIC SHOCK, EQUIPMENT DAMAGE

Observe SELV installation requirement in

- combination with a 230 V connection. Basic insulation to the Retaining ring must always be ensured for SELV cables.
- Observe the insulation stripping lengths and the instructions on laying cables.

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

EQUIPMENT DAMAGE

- Always operate the device in compliance with the specified technical data.
- Turn off the power supply when install,
- replace or clean the device.
- Use soft and dry cloth to wipe off the dirt and contamination on the surface. Do NOT use corrosive chemicals

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



(D) Icon set (18pcs) (E) Installation instruction F KNX Bus connecting connector (K) Sticker (only NP16214 01)



Replacing Icons



Commerial reference	Factory pre-installed
NP16161_01, NP16162_01 NP16163_01, NP16164_01	-ݣ
NP16212_01	ŀ- +l ≁ () M
NP16214_01	ŀ- + ↓ ↓ () M - Ý-



lcon	Description	Icon	Description	Icon	Description	lcon	Descriptio
:75	Spot light	Ο	Off	ý.	Sunrise	ļ	Roller blind Up
ίμμΰ	Meeting room	Ι	On	5	Sleep	Í	Roller blind down
۲. ۲	Entertaining	<u>ا</u> ئ	Leave Home/ Away	٦ïſ	Restaurant	В, «	Curtain open
J]⊌	Bath	<u>م</u>	At home	ĻŲ.	Light	Ш,	Curtain close
M	Mode setting	f-	temperature-	+fj	temperature+	L	Wind speed
(\mathbf{I})	On/off						

Wrong installation of icons may ĺ cause push button malfunction.

Setting up the device

Testing the device

- 1 Press the programming button, the programming LED lights up. 2 Load the physical address and application into the device from
- the ETS. The programming LED goes out when download completed
- ③ The device start up and be initialized, it need 10 seconds.
- ④ Operate the device, check if it meet the requirement.

The display of cover plate

The cool white, warm white and brightness of the LED indicator are configurable. The brightness of indicator light may vary due to cover plate color, icon, environment etc.

The proximity function

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The Max. range of the proximity function is approx.12cm.This range may vary somewhat due to local circumstances (e.g. ambient brightness) and the colour of the product.

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Operating the device

Touch position of the cover plate Press the icon position to operate the product.

Push-button

Thermostat



Technica	l data ପୂ		
Power supply from KNX	push-button: DC 24V, approx.18mA thermostat: DC 24V, approx. 22mA		
Connection	KNX bus connecting connector		
IP protection rating	IP20		
Operating temperature	-5 °C - +45 °C		
Relative humidity	10% - 93% no condensation		
Product dimensions	WxHxD: 86x86x29mm; 86x129x29mm (NP16214_01)		

Trademarks

Certifications

• KNX[®] is a registered trademark of the KNX Alliance. Other brands and registered trademarks are properties of their relevant owners.

Schneider Electric (China) Co., Ltd.

CE, KNX, CB

Schneider Electric Building, No. 6, East Wangjing Rd., Chaoyang District, Beijing Customer Care Center : 400 810 1315 se.com/contact





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Programming

Programming

button

LED



Removing the cover plate

(1) remove the device with a suitable flat blade screwdriver through the groove at the bottom.

Align the edges of the cover plate and the module, press the cover plate until the buckle clicks.

② ③press and push the left/right edge of cover plate, (b)press the cover plate center at the same time C take up the edge and remove the cover plate.



Replacing Icons

- · Remove the protective film of new icon.
- Remove cover plate, take out the pre-installed icon.
- · Ensure the arrow on the cover plate and icon are at the same direction, and the location pillar on the cover plate is fully aligned with the location hole on the icon, then insert new icon.



Programming indicator light Q

Refer to the Application instruction.

Troubleshooting



Use ETS software to find the error. Refer to the Application instruction.



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NP16164 01

安全提示

电击,爆炸或电弧闪光危险

气人员进行安装和维护。

智能面板安装说明书

ÚNICA 珍·铂系列

珍铂系列智能面板



珍铂系列温控面板



NP16212_01

(注:型号后缀MS/WG/SL/BK, C1/C2/E1等,仅代表外观颜色或市场 代号)

NP16214 01

产品简介

珍铂系列智能面板是具有可编程按键功能的面板, 具有集成的总线耦合器,其电源由KNX总线提供。 可以通过按键分配房间功能,例如开关,控制窗帘 或召唤场景。按键图标可以根据需求替换



	https://download.sc hneider-electric.co m/files?p_Doc_Ref =NP1616x_SW_en		https://de chneider om/files* ef=NP16 en
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阳光直射的地方。 •温控器请避开出风口。 • 安装时,请确保产品的方向,按键板背面箭 1 头方向,场景图标箭头方向总是保持一致。

• 连接到安装网络 • 连接多个电气设备 • 电缆敷设装置 • 连接和建立KNX 网络 •调试KNX 安装 本产品应仅用于本说明书中所述的用途, 旦必须根据SELV(安全低压电网)接线规则以及当 地标准进行安装。 ■ 重新连接电源之前,本产品必须正确安装且经过测 试,确保操作的安全性。 若不遵守此说明,则可能会导致死亡或重伤。 ▲ 警告 电击危险、设备损坏 •与230V设备组合安装时,请遵守SELV安装 要求 • 对于SELV电缆, 必须始终确保金属支架的基

▲ ▲ 危险

■ 本产品应仅由具有相应资质和/或获得相应证书的电

本绝缘 •请遵守绝缘剥线长度要求以及有关敷设电缆 的说明。

若不遵守此说明,则可能会导致人员受伤或设 备损坏。

▲ 注意

- 设备损坏
- 请始终根据指定的技术数据操作产品。
- 安装、拆卸或清洁前应先切断电源。 清洁产品用柔软的干布擦拭表面的脏污,切
- 忌使用清洁剂或其他有腐蚀性的溶剂。

若不遵守此说明,则可能会导致人员受伤或设 备损坏。



A 珍铂系列智能面板 B 金属支架 C 螺钉 2 颗: ◎ 场景开关图标 (18片) ⓒ 安装说明书^{M4.0 x 25mm} (F) KNX连接端子 (€) 垫片(仅NP16214_01提供)

更换场景开关图标



型号	出厂预装场景开关图标
NP16161_01, NP16162_01 NP16163_01, NP16164_01	-`ģ'-
NP16212_01	∫- +∫ ≁ () M
NP16214_01	ŀ +



图标	图标 说明	图标	图标 说明	图标	图标 说明	图标	图标 说明
3	射灯	0	关	<u>ķ</u> ,	晨起		卷帘开
ίţΰ	会客	Ι	开	\sum	睡眠	Í	卷帘关
Г.	娱乐	<u>ا</u> ئ	离家	٦Ľ٩	用餐	B B S	窗帘开
ر ال	洗浴	ŝ	到家	٩Ċ.	灯	<u> </u>	窗帘关
(M)	模式	<u></u> -	温度-	+[]	温度+	L	风速
	开关						

i 错误安装图标,可能导致按键功能失效。

设置产品

调试产品

- ① 按下编程按钮,按钮下方红色LED亮,表示进入编程模式。
- ② 通过ETS把产品的物理地址和相关配置下载到产品。下载完
- 成后, 红色编程指示灯熄灭。 ③ 产品重启, 按下载的参数初始化设备。这个过程约10秒左 右.
- ④ 操作产品,检查是否符合预设要求。

面板显示

LED指示灯的冷白,暖白和亮度可配置。受不同颜色面板,图标,环境等影响,指示灯亮度可能略有差异。

靠近感应功能

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最大感应距离(如下图)约12cm。该距离可能会因环境,如亮度和产品颜色不同而有所差异。



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操作产品 按键位置

按图标位置去操作产品。

자바고피知바라ㅋ+ㄷ

19	田奈列管 2银	「FEIILINX 建	2
	1	2	1
	6银	建	8
	1	2	1
	3	4	3
			3

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珍铂系列温控面板

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5键温控	8键注	
1 5 2	1	2
3 4	3	4
	5	6
	7	8

技术参数	<u>J</u> @
KNX电源	智能面板:DC 24V,约18mA 温控面板:DC 24V,约22mA
连接器类型	KNX 连接端子
IP 等级	IP20
工作温度	-5 °C - +45 °C
相对湿度	10% - 93% 无凝露
产品尺寸	WxHxD: 86x86x29mm; 86x129x29mm (8键温控)
认证	CE, KNX, CB

NX协会的注册商标。 和注册商标均为其各自所有者的财产。

加附德书	つ(屮国))有限公司	

北京市朝阳区望京东路六号A座 客户支持热线: 400 810 1315 se.com/contact

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		8键
商标	2	
・ KNX® 是 K	4	3
所有其他商标	6	5
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施耐德电管		

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取下按键板

- ① 用合适的一字螺丝批,插入产品底部边 框的凹位,旋转螺丝批把产品从墙盒拆 卸出来。
- ② ③用手按在按键板左/右边缘往中间推 ⑥另一个手拇指压在按键板中间, ⓒ 通过边缘顺势抬起按键板。

③用手拿住按键板两端取下按键板。



更换场景开关图标

- 撕掉新图标保护膜
- 拆下按键板后, 取出预装场景开关图标。
- 确保按键板箭头和图标箭头一致, 以及按 键板定位柱和图标孔一致,插入新图标。



编程按键指示灯的行为



请参阅应用说明。

