



75642135





KNX glass sensor 2g thermostat, display, intg bus coupl., KNX-TS sensor, bl.

Technical properties

Functions	
With room temperature controller	Yes
	with valve protection function ; for switch, push-but-

Function ton, dimmer, blind and thermostat functions

controller operating modes: comfort, standby, night Operating mode and frost/heat protection mode

Controls and indicators

With LED indication	Yes
Number of buttons	0
Operation	operation by gently touching the sensor surfaces on the white LED

LED display with symbol display; display of operating mode, controller lockout, room/outside temper-Indication / display ature, time (clock required)

Button / push-button with 2 additional display sensor surfaces

Connectivity

Encoding with button blocking function

Voltage

operation with non-choked output of KNX voltage supply possible (pay attention to current consump-Voltage tion); separate auxiliary power supply needed

Dimensions

Dimensions (W v H v D)	96 v 160 v E 7 mm
Depth	5.7 mm
Depth	37.7 mm

Dimensions (W x H x D) 86 x 160 x 5.7 mm Height 160 mm

Width 86 mm

Power

Current consumption 23 mA

Measurement

value transmitter for dimming, position, brightness Value transmitter and temperature values 1 and 2 byte

Screen

With display Yes

Materials

Colour of labelling 217,217,217

Installation, mounting Installation mode Connection Bus coupling unit Bus connection Settings Single and two push-button operation parameterisable; end customer display scope parameterisable; end customer display scope parameterisable Scope of delivery Bus connection included Accessories included Adapters With adapter ring for dismantling protection and shadow gap formation products to complement the installation in matching colours/materials, refer to the Design platform Matching products Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes	Colour of design line	glass black
Material family Glass LED control LED with blue operation LED and 4 white status LEDs Installation, mounting Installation mode for vertical mounting Connection Bus coupling unit with integral bus coupling unit Bus connection bus connection via connecting terminal Settings Single and two push-button operation parameterisable ; end customer display scope parameterisable; end customer display scope parameterisable; end customer display scope parameterisable; end customer display scope parameterisable and two push-button operation parameterisable; end customer display scope parameteri	Colour	black
LED control LED with blue operation LED and 4 white status LEDs installation, mounting Installation mode for vertical mounting Connection Bus coupling unit with integral bus coupling unit bus connection via connecting terminal bus connection bus connection via connecting terminal bus connection via connection parameterisable scope of delivery Bus connection included Yes Accessories included Adapters with adapter ring for dismantling protection and products to complement the installation in matching roducts to complement the installation in matching roducts to complement the installation in matching roducts to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x. Equipment Number of actuation points 6 With anti-theft/dismantling protection Type of configuration Laserdruck With anti-theft/dismantling protection Yes Control for heating and/or cooling mode with/without auxillation in matching in the configuration of the individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit yes Safety Use conditions Operating temperature -545 °C Use conditions Operating temperature -545 °C Emperature measurement via internal temperature sensor; temperature measurement via internal temperature energer; temperature measurement via internal temperature energer; temperature measurement via internal temperature energer; temperature energer contention of external temperature energy; temperature energer on external communication temperature energer or external communication temperatur	Surface appearance	glossy
Installation, mounting Installation mode Connection Bus coupling unit with integral bus coupling unit bus connection via connecting terminal settings Settings Settings Scope of delivery Bus connection included Yes above the Design integrated bus coupling products or complement the installation in matching colours/materials, refer to the Design platform yes for control or control parameter for heating and/or cooling undersorted in research to control parameter for control parameter is a for continuous (Pi) or switched (2-point) control parameter for heating and/or cooling unit parameter for continuous (Pi) or switched (2-point) control safety Safety REACH conform Yes Use conditions Operating temperature - 545 °C Use conditions Operating temperature - 545 °C Use conditions Comperature temperature consorries response temperature cannot or comperating temperature control or control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-point) control parameter for heating or switched (2-	Material family	Glass
Installation, mounting Installation mode Connection Bus coupling unit Bus connection Settings Sattings Sattings Scope of delivery Bus connection included Accessories included Adapters Muth adapter ring for dismantling protection and shadow gap formation applications, so the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform Sumber of actuation points Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Type of configuration Laserdruck Heating for heating and/or cooling mode with/without auxillary step Control for individual single room temperature control; or control parameter for heating / cooling unit pre-set; for continuous (Pi) or switched (2-point) control Safety REACH conform Yes Use conditions Operating temperature -545 °C Use conditions Operating temperature -545 °C Bush integrature measurement via internal temperature measurement via internal temperature ends opject	LED control	
Connection Bus coupling unit with integral bus coupling unit Bus connection bus connection via connecting terminal Settings Parameterisation single and two push-button operation parameterisable; end customer display scope parameterisable; end customer display scope parameterisable yes connection included Yes Accessories included Adapters with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line 8.7; for additional applications, see the Design line 8.7; for additional papplications, see the Design platform atching colours/materials, refer to the Design platform yes Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Type of configuration Laserdruck Heating for heating and/or cooling mode with/without auxilleating for heating and/or cooling mode with/without auxilleating for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (Pi) or switched (2-point) control Use Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes REACH conform Yes REACH conform Yes REACH conform Yes Operating temperature S-545 °C Use conditions Operating temperature S-545 °C Bush conference S-545 °C Safety Control control parameter for nectural temperature easor; temperature measurement via internal temperature easor; external communication temperature easor or external communication enternal temperature easor or external communication enternal temperature eas	LED	with blue operation LED and 4 white status LEDs
Bus coupling unit Bus connection via connecting terminal Bus connection Bus connection via connecting terminal Bus connection Bus connection included Scope of delivery Bus connection included Accessories included Adapters Accessories included Muth adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional applications or consplement the installation in matching colours/materials, refer to the Design platform Matching products Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Type of configuration Laserdruck With anti-theft/dismantling protection for heating and/or cooling mode with/without auxillary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes Use conditions Operating temperature -545 °C Badditional connection for external temperature sensor; temperature measurement via internal temperature sensor; temperature sensor	Installation, mounting	
Bus coupling unit Bus connection Bus connection Bus connection via connecting terminal Settings Single and two push-button operation parameterisable; end customer display scope parameterisable; end customer display scope parameterisable connection included Scope of delivery Bus connection included Accessories included Adapters Accessories included Accessories included Accessories included Accessories included Adapters Accessories included	Installation mode	for vertical mounting
Bus connection bus connection via connecting terminal Settings Parameterisation single and two push-button operation parameterisable ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included Adapters with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional roducts S.1/B.x Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Type of configuration Laserdruck For heating and/or cooling mode with/without audi-line the seed of the s	Connection	
Settings Single and two push-button operation parameterisable single and two push-button operation parameterisable scope of delivery Bus connection included Accessories included Mith adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7: for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x Equipment Number of actuation points 6 With anti-theft/dismantling protection Type of configuration Laserdruck For heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication or external c	Bus coupling unit	with integral bus coupling unit
Scope of delivery Bus connection included Accessories included Adapters Accessories included With adapter ring for dismantling protection and shadow gap formation Accessories included Adapters Accessories included	Bus connection	bus connection via connecting terminal
Parameterisation able ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included Adapters with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7 ; for additional products to complement the installation in matching colours/materials, refer to the Design platform (Colours/materials, refer to the Design platform S.1/B.x) Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Type of configuration Laserdruck Heating for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes ROHS conform Yes Control additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Settings	
Scope of delivery Bus connection included Accessories included Adapters Accessories included Adapters Adapter ring for dismantling protection and spandow gap formation applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x Equipment Number of actuation points Adapters Adapter ring for dismantling protection and spandow gap for additional connection for external temperature sensor; temperature measurement via internal temperature sensor; temperature measurement via internal temperature sensor or external communication sensor is e		
Bus connection included Accessories included Adapters with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x Equipment Number of actuation points 6 With anti-theft/dismantling protection Type of configuration Laserdruck for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internature temperature measurement via internature sensor; temperature measurement via internature temperature sensor; temperature measurement via internature measurement via internature measurement via internature measurement via internature sensor; temperature measurement via internature measurement via internature measurement via internature temperature sensor or external communication temperature object	Parameterisation	able ; end customer display scope parameterisable
Accessories included Adapters with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform colours/materials, refer to the Design platform studies of actuation points Equipment Number of actuation points 6 With anti-theft/dismantling protection Type of configuration Laserdruck for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Scope of delivery	
with adapter ring for dismantling protection and shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x Equipment Number of actuation points 6 With anti-theft/dismantling protection Type of configuration Laserdruck for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature object	Bus connection included	Yes
Adapters shadow gap formation for glass frames in the same "style" for additional applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform \$1.7 kg. Equipment Number of actuation points 6 With anti-theft/dismantling protection 7 yes Type of configuration Laserdruck for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform 7 yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Accessories included	
applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x Equipment Number of actuation points 6 With anti-theft/dismantling protection 7 Yes Type of configuration Laserdruck Heating for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales integrated bus coupling unit Safety REACH conform 7 Yes ROHS conform 7 Yes Use conditions Operating temperature 5-545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Adapters	
Number of actuation points With anti-theft/dismantling protection Type of configuration Laserdruck For heating and/or cooling mode with/without auxilary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Matching products	applications, see the Design line B.7; for additional products to complement the installation in matching colours/materials, refer to the Design platform
Type of configuration Laserdruck Heating for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Equipment	
Type of configuration Laserdruck for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes RoHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Number of actuation points	6
for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature object	With anti-theft/dismantling protection	Yes
Heating iary step for individual single room temperature control; control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature Temperature Object	Type of configuration	Laserdruck
Control control parameter for heating / cooling unit pre-set; for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes ROHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature object	Heating	5
Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales Integrated bus coupling unit Safety REACH conform Yes RoHS conform Yes Use conditions Operating temperature additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Control	control parameter for heating / cooling unit pre-set;
Differentiation characteristic 3 - Sales integrated bus coupling unit Safety REACH conform Yes RoHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature object	Use	
Safety REACH conform Yes RoHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Differentiation characteristic 2 - Sales	Display
REACH conform Yes RoHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Differentiation characteristic 3 - Sales	integrated bus coupling unit
RoHS conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	Safety	
Use conditions Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	REACH conform	Yes
Operating temperature -545 °C additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication object	RoHS conform	Yes
additional connection for external temperature sensor; temperature measurement via internal temperature sensor or external communication Temperature object	Use conditions	
sensor ; temperature measurement via internal temperature sensor or external communication Temperature object	Operating temperature	-545 °C
		sensor; temperature measurement via internal temperature sensor or external communication
	Temperature	object

identification	
Application, usage	KNX - operating systems
Main design line	KNX - Berker TS Sensor - configured
Secondary design line(s)	Berker TS Sensor ; KNX
Instructions	
Information text	Only suitable for KNX.