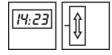


glass polar white



75642050



Touch sensor 2g thermostat, display, intg bus coupl. , KNX-R.3, glass p.white

Technical properties

Fixing mode	flush-mounting
Functions	
With room temperature controller	Yes
Function	with valve protection function ; for switch, push-but- ton, dimmer, blind and thermostat functions
Operating mode	controller operating modes: comfort, standby, night 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
Indication / display	LED display with symbol display ; display of oper- ating mode, controller lockout, room/outside temper- ature, time (clock required)
Button / push-button	with 2 additional display sensor surfaces
Connectivity	
Encoding	with button blocking function
Voltage	
Voltage	operation with non-choked output of KNX voltage supply possible (pay attention to current consump- tion) ; separate auxiliary power supply needed
Dimensions	
Depth	23 mm
Height	152 mm
Width	81 mm
Power	
Current consumption	23 mA
Measurement	
Value transmitter	value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
Screen	
With display	Yes
Materials	
Colour of design line	alass polar white

Colour of design line

Subject to technical modifications

Type of surface treatment Tampography LED control LED LED with blue operation LED and 4 white status LEDs Installation, mounting for vertical mounting Installation, mode for vertical mounting Connection Bus connection via connecting terminal Settings single and two push-button operation parameteris- able ; end customer display scope parameterisable Scope of delivery sus connection included Yes Accessories included Yes Matching products for suitable frames in the same "style" for additional approducts to complement the installation in matching colours/materials, refer to the Design line R. JrG additional approducts occomplement the installation in matching colours/materials, refer to the Design line R. JrG additional approducts occomplement the installation in matching colours/materials, refer to the Design line R. JrG additional approducts occomplement the installation in matching in system Number of actuation points 6 With anti-theft//dismantling protection Yes Heating for heating and/or cooling mode with/without auviliary step for individual single room temperature control is for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating // cooling unit pre-set : for continuous (PI) or switched (2-point) control sterest is // cooling unit pre-set : for continuous (PI)	Colour	polarwhite	
LED with blue operation LED and 4 white status LEDs Installation, mounting for vertical mounting Installation mode for vertical mounting Connection bus coupling unit Bus coupling unit with integral bus coupling unit Bus connection bus connection via connecting terminal Settings single and two push-button operation parameterisable Parameterisation single and two push-button operation parameterisable Scope of delivery Bus connection included Yes Accessories included Yes Accessories included Yes Matching products Conjement the installation in matching colours/materials, refer to the Design platform matching colours/materials, refer to the Design platform instring Mumber of actuation points 6 With anti-theft/dismantling protection Yes Control for heating and/or cooling mode with/without auxil-iter or metage Iteating for individual single room temperature control iter or continuous (PI) or switched (2-point) control for exetmal temperature e	Type of surface treatment	Tampography	
Installation, mounting Installation, mode Installat	LED control		
Installation mode Connection Bus coupling unit Use connection Bus coupling unit Use connection Settings Parameterisation Settings Scope of delivery Bus connection included Consection points Control Cont	LED	with blue operation LED and 4 white status LEDs	
Installation mode Connection Bus coupling unit Use connection Bus coupling unit Use connection Settings Parameterisation Settings Scope of delivery Bus connection included Consection points Control Cont	Installation mounting		
Connection Bus coupling unit Bus connection Sectings Sectings Sectings Secope of delivery Bus connection included for suitable frames in the same "style" for additional applications, see the Design line R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products to complement the installation in matching colours/materials, refer to the Design hine R.x.; for additional products Equipment Number of actuation points for individual single room temperature control; Control for individual single room temperature control; Control parameter for heating and/or cooling unit prese; Control parameter for heating the preset; Control parameter f		for vortical mounting	
Bus coupling unit with integral bus coupling unit Bus connection via connecting terminal Settings Parameterisation single and two push-button operation parameterisable connection included set able : end customer display scope parameterisable scope of delivery Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x. ; for additional products or complement the installation in matching products or complement the installation in matching products or complement the installation in matching and/or cooling unit pre-set : for individual single room temperature control i for heating and/or cooling unit pre-set : for control parameter for heating / cooling unit pre-set : for control parameter for heating / cooling unit pre-set : for control user and the same integrated bus coupling unit is a safety Protection index IP IP20 REACH conform Yes Use conditions Operating temperature -545 °C additional connection for external temperature sensor or external communication	Installation mode	for vertical mounting	
Bus connection bus connection via connecting terminal Settings single and two push-button operation parameterisable Parameterisation able ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x. for additional products to complement the installation in matching products or complement the installation in matching products 6 With anti-theft/dismantling protection Yes Heating for heating and/or cooling mode with/without auxil-thert/dismantling protection Yes Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit pre-set : for continuous (PI) or switched (2-point) control Safety Protection index IP IP20 Protection index IP IP20 RACH conform Yes additional connectin for external temperature ensory : temperature ensory or external communication temperature ensory : temperature ensory or external communication temperature ensory or external communication Itemperature integrater ensory or external temperature ensory or external communication	Connection		
Settings Parameterisation single and two push-button operation parameterisable able ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x.; for additional applications, see the Design line R.x.; for additional products to complement the installation in matching products to complement the Design platform Number of actuation points 6 With anti-theft/dismantling protection Yes Heating for individual single room temperature control ; control providual single room temperature control ; for contrinuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Yes Protection index IP IP20 REACH conform Yes Use conditions Yes Operating temperature -545 °C Display integrature officinal connection for external temperature sensor ; temperature measurement Via internal temperature Senorditions V(2%)	Bus coupling unit	with integral bus coupling unit	
Parameterisation single and two push-button operation parameterisable Parameterisation able ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x.; for additional products to complement the installation in matching products to complement the installation in matching products to complement the installation in the same "style" for heating and/or cooling mode with/without auxiliary step Reading for heating and/or cooling mode with/without auxiliary step Mumber of actuation points 6 With anti-theft/dismantling protection Yes Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Yes Protection index IP IP20 REACH conform Yes AblS conform Yes additional connection for external temperature sensor or external temperature sensor or external temperature sensor is temperature sensor or external communication temperature sensor or external communication Temperature -545 °C Superature -545 °C Integrature -545 °C Seconditions Yes <td>Bus connection</td> <td>bus connection via connecting terminal</td>	Bus connection	bus connection via connecting terminal	
Parameterisation able ; end customer display scope parameterisable Scope of delivery Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x.; for additional applications, see the Design line R.x.; for additional applications, see the Design platform Matching products R.1/R.3 Equipment 6 Number of actuation points 6 With anti-theft/dismantling protection Yes for individual single room temperature control : control parameter for heating / cooling mode with/without auxilitor control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control or control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control parameter for heating / cooling unit pre-set : for continuous (PI) or switched (2-point) control paramet	Settings		
Bus connection included Yes Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x ; for additional products to complement the installation in matching colours/materials, refer to the Design platform Matching products R.1/R.3 Equipment 6 Number of actuation points 6 With anti-theft/dismantling protection Yes Heating for heating and/or cooling mode with/without auxiliary step for individual single room temperature cooling unit pre-set; 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 pre-set; for conform Safety Yes Protection index IP IP20 REACH conform Yes Operating temperature -545 °C additional connection for external temperature sensor or external communitor at emperature object temperature object temperature object Lengy efficiency class IV (2%)	Parameterisation		
Accessories included for suitable frames in the same "style" for additional applications, see the Design line R.x; for additional products to complement the installation in matching colours/materials, refer to the Design platform colours/materials, refer to the Design platform matching for heating and/or cooling mode with/without auxil-left/dismantling protection With anti-theft/dismantling protection Heating 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 Protection index IP ReACH conform Yes RoHS conform Yes Coperating temperature -545 °C additional connection for external temperature sensor r temperature embry instinent at temperature sensor or external communication Temperature bierce Control Compositions Composition	Scope of delivery		
for suitable frames in the same "style" for additional applications, see the Design line R.x ; for additional products to complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional complement the installation in matching colours/materials, refer to the Design line R.x ; for additional connection for external temperature sensor ; temperature measurement via internal temperature sensor ; temperature measurement via internal temperature sensor ; temperature measurement via internal temperature sensor ; temperature colours/material communication returned colours/material communication for external communication returned colours/material communication returned	Bus connection included	Yes	
applications, see the Design line R.x ; for additional products to complement the installation matching colours/materials, refer to the Design platform R.1/R.3 Equipment Number of actuation points	Accessories included		
products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3 Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes 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 Protection index IP RCH conform Yes Use conditions Operating temperature Sensor ; temperature measurement via internal temperature sensor or external communication Temperature Energy efficiency class IV (2%) Identification			
Matching products colours/materials, refer to the Design platform R.1/R.3 Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes Heating for heating and/or cooling mode with/without auxiliary step for individual single room temperature control; control parameter for heating / cooling upre-set; Control for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Protection index IP Protection index IP IP20 REACH conform Yes additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication Temperature object Temperature object Energy efficiency class IV (2%)			
Equipment Number of actuation points 6 With anti-theft/dismantling protection Yes 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 Protection index IP IP20 REACH 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 Temperature object Integrated communication Temperature object Integrature object Integration construction Integrature object Integrature object Integrature Integrature object Integrature object Integratine document	Makaking analysek	colours/materials, refer to the Design platform	
Number of actuation points 6 With anti-theft/dismantling protection Yes 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 ; Control for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety IP20 REACH conform Yes Use conditions Yes Operating temperature -545 °C additional connection for external temperature sensor : temperature measurement via internal temperature sensor or external communication object Temperature object Energy efficiency class IV (2%)	Matching products	K.1/K.3	
With anti-theft/dismantling protection Yes 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 Use Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety IP20 REACH conform Yes Use conditions Yes Operating temperature -545 °C additional connection for external temperature sensor ; temperature measurement via internal temperature object Temperature object Itemperature object	Equipment		
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 ; Control for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Protection index IP Protection index IP IP20 REACH conform Yes Operating temperature -545 °C additional connection for external temperature sensor ; temperature measurement via integrature sensor or external communication Temperature object Energy efficiency class IV (2%)	Number of actuation points	6	
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	With anti-theft/dismantling protection	Yes	
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 Protection index IP REACH conform Yes Operating temperature operating temperature essor ; temperature measurement via internal temperature sensor or external communication Temperature Integrated Itentification	Heating		
Control for continuous (PI) or switched (2-point) control Use Differentiation characteristic 2 - Sales Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Protection index IP Protection index IP IP20 REACH conform Yes Operating temperature -545 °C additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication Temperature object Energy efficiency class IV (2%)			
Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Protection index IP IP20 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 Energy efficiency class IV (2%)	Control		
Differentiation characteristic 2 - Sales Display Differentiation characteristic 3 - Sales integrated bus coupling unit Safety Protection index IP IP20 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 Energy efficiency class IV (2%)	llsa		
Safety Protection index IP IP20 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 INV (2%) Identification		Display	
Protection index IP IP20 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 Energy efficiency class IV (2%)	Differentiation characteristic 3 - Sales	integrated bus coupling unit	
Protection index IP IP20 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 Energy efficiency class IV (2%)	Safety		
RoHS conform Yes Use conditions		IP20	
Use conditions Operating temperature Operating temperature additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication Temperature Energy efficiency class IV (2%) Identification	REACH conform	Yes	
Operating temperature -545 °C additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication Temperature object Energy efficiency class IV (2%) Identification	RoHS conform	Yes	
additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication object Temperature object Energy efficiency class IV (2%)	Use conditions		
sensor ; temperature measurement via internal temperature sensor or external communication object Energy efficiency class IV (2%) Identification	Operating temperature	-545 °C	
Temperature object Energy efficiency class IV (2%) Identification IV		sensor ; temperature measurement via internal	
Identification	Temperature		
	Energy efficiency class	IV (2%)	
Application, usage KNX - operating systems	Identification		
	Application, usage	KNX - operating systems	

Main design line	KNX - Berker R.3
Secondary design line(s)	KNX ; Berker R.3
Instructions	

Information text

Only suitable for KNX.