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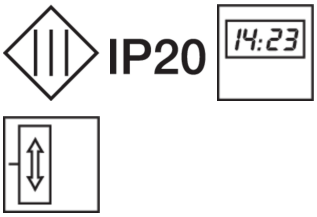

KNX Touch Control TFT display, intg bus coupling unit, KNX, black glossy

Technical properties

Functions

Function	functions such as switching, dimming, blind control, up to 16 scenes, climate control, activation of alarm systems, date, time of day ; automatic function for control of lighting, blinds and roller shutters,air conditions and ventilation systems ; Disabling function for cleaning the user interface ; 16 time switching functions and alarm clock ; Logic modules: 4 x AND, 4 x OR with 4 inputs each
Central functional unit for senders/actuators	Yes
Integrated DCF77 receiver	No

Controls and indicators

Indication / display	high-resolution, touch-sensitive colour display ; for display/presentation of measured values, safety-relevant status, texts, graphics and photos
Button / push-button	with programming button
Presence button	No
Status-LED	No

Connectivity

Inputs	4 analogue/digital inputs

Voltage

Auxiliary voltage	24 V DC
Operating voltage over bus	21…32 V DC

Electric current

Bus current consumption (data transfer)	≈ 10 mA

Dimensions

Depth	44 mm
Insertion depth	25.5 mm
Width of rail mounted device (RMD)	0 modules
Height	75 mm
Width	95 mm

Power

Power consumption (standby)	0.6 W
Power consumption, KNX	≈ 1 W

Screen

Resolution graphical display	320 x 240 px
With display	Yes

TFT screen size	3.5 ″

Detection

Sensor	integrated brightness sensor for automatic adjustment of the display lighting ; internal proximity sensor for automatic activation of the display
IR sensor	No

Materials

Colour	black
Surface appearance	glossy
Type of surface treatment	untreated
Transparent	No

Connection

Conductor cross-section (flexible), with wire end sleeve	0.25 mm²
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Connection	Connection for external temperature sensor and binary contacts

Cable

Binary cable length, extendable to	max. 10 m

Settings

Supported configuration modes	system
Programming	up to 10 freely configurable pages for operating elements and displays

Equipment

Number of actuation points	6
With anti-theft/dismantling protection	Yes
Manual set point setting	Yes
Temperature controller	Yes
Timer clock	No

Use

Differentiation characteristic 2 - Sales	with colour display
Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

REACH conform	Yes
RoHS conform	Yes

Use conditions

Operating temperature	0…50 °C
Storage/transport temperature	-10…50 °C (storage at > 45°C reduces the service life)
Energy efficiency class	IV (2%)
Relative humidity (without condensation)	95 % (without condensation)

Identification

Application, usage	KNX - operating systems
Product family	Product family: heating, ventilation, air conditioning
Main design line	KNX