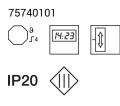75740101

IP20

KNX Touch Control with TFT display with colour display, with integral bus coupling unit, KNX, black glossy

Technical features

Architecture

Fixing mode	flush-mounting

Functions

Central functional unit for senders/actuators	yes
Integrated DCF77 receiver	no

- 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

Controls and indicators

Presence button	no
Status-LED	no

- high-resolution, touch-sensitive colour display
- for display/presentation of measured values, safety-relevant status, texts, graphics and photos
- with programming button

Connectivity

- 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

Power

Power consumption (standby)	0,6 W
Power consumption, KNX	≈ 1 W

Measurement

Relative humidity (without condensation)	95 % (without condensation)

Screen

Resolution graphical display	320 x 240 px
With display	yes
TFT screen size	3,5 "

Detection

IR sensor	no

- integrated brightness sensor for automatic adjustment of the display lighting
- internal proximity sensor for automatic activation of the display

Materials

Colour	black
RAL colour	RAL 9005 - Jet black
Material	Plastic/metal
Surface appearance	glossy
Type of surface treatment	untreated
Transparent	no

Dimensions

Depth	44 mm
Insertion depth	25,5 mm
Height	75 mm
Width	95 mm

Connection

Conductor cross-section (flexible), with wire end sleeve	0,25 mm²
Connection	Connection for external temperature sensor and binary contacts

- with integral bus coupling unit
- bus connection via connecting terminal

Cable

Binary cable length, extendable to	max. 10 m

Settings

Supported configuration modes	system

- 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

Protection index IP	IP20
Halogen free	no

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%)

Identification

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