

Product data sheet



Smart Panel 5.1 KNX



Reference number

SP 5.1 KNX

Smart Panel

with integrated BCU
aspect ratio 4:3
for installation in walls, touch screen
fanless, without rotating parts

Intended use

- Operation and visualisation of system statuses and information on building automation
- Flush-mounted fitting indoors

Product characteristics

- Illuminated graphic colour screen TFT, 640 x 480 pixels, 262 000 colours
- Touchscreen
- KNX Interface
- Interfaces – accessible from front: 1 x USB 2.0
- Interfaces – accessible from behind: Ethernet
- Graphical user interface for visualisation and operation of KNX devices
- Predefined graphical user interface
- Free graphical user interface
- KNX special functions, e.g. scenes, forced position, timer, presence simulation
- Fast access to pages and functions
- Remote access (remote function)
- Acoustic signal encoder, configurable
- Combination of predefined and free graphical user interface
- Master pages: max. 10
- Free pages: max. 50
- Elements: max. 400
- Copy & Paste functions
- 50 rooms
- 10 function units
- 240 functions, e.g.:
 - Scene recalls: max. 40
 - Signalling system: max. 40 detectors (internal and external skin together)
 - Datalogger: max. 20 datalogger channels
 - Logic gates: max. 80 gates with up to 8 inputs and one output each
 - Timers: max. 40
 - Limiting value modules: max. 40
 - Demultiplexer "1 to 2" and "1 to 4": max. of 7 each
 - Timer: max. 64 switching channels with a total of 128 switching times
 - Scenes: max. of 24 scenes, max. of 32 scene functions
 - Presence simulation: max. 8 simulations, max. 32 functions (15 functions per simulation)
 - Fault messages: max. 50
 - Event e-mails: max. 50
 - Video messages: max. 8
 - System time: max. 40

Flush-mounted recessed box: ref.-no.: EBG 24

Technical data

Power supply

Rated voltage:	AC 230 V ~, 50/60 Hz
Current consumption:	max. 100 mA
Fine-wire fuse:	Littelfuse/Wickmann 372 1160 T 1.6 L 250
Power consumption (Display off):	approx. 2.5 W
Power consumption:	max. 11.5 W
Typical power consumption (40 % brightness):	4.5 W

Ambient conditions

Ambient temperature:	0 ... +40 °C
Storage/transport temperature:	-10 ... +70 °C
Relative humidity:	15 ... 85 % (no condensation)
Protection class:	II

Screen diagonal:	145 mm (5.7")
Resolution:	VGA (640 x 480)
Colours:	262 000
Viewing angle horizontal:	± 70°
Viewing angle vertical:	± 60°
Touchscreen:	resistive

USB

USB version:	1.1/2.0
Connection:	1 x type A

Network

Type:	10/100/1000 Mbit/s Ethernet
Connection:	RJ45 socket 8/4-pin

Dimensions (W x H x D):	220 x 140 x 48 mm (without design frame)
Dimensions screen (W x H):	approx. 115 x 86.5 mm
Rated voltage KNX:	DC 21 ... 32 V SELV
Power consumption KNX:	typical 150 mW
Connection mode KNX:	terminal