



Datasheet Automation Controller „Pro“ Serie 2020

Sallegra® Automation Controller „Pro“ Serie 2020



- Easy Mounting on DIN rail TS35
- Compact design
- All necessary gateways already on board
- Fanless, maintenance-free and can be installed in all positions
- Maximum energy savings through perfect optimisation of all processes
- Silent thanks to convection cooling
- Sallegra® Automation control software

The Sallegra® Automation Controller Pro is mounted directly on the DIN rail in the distribution boxes of the electrical installation and it can take on a wide range of control and communication tasks in building automation. Whether you need to control the lighting, shade, air conditioning, heating, etc., with the Sallegra® Automation Controller Pro brings all the building systems together.

Due to the realisation without fan and hard disk, the system is maintenance-free. With a maximum power consumption of only 6 watts, the Sallegra® Automation Controller Pro is suitable for 24 h continuous operation.

Technical specifications:	
	Intel Atom E3825 Dual <u>also available on request Quad Core</u> processor with 1.33 GHz frequency
Operating system	
	Sallegra based on Fedora Linux
Power supply	
	12 V DC $\pm 20\%$ via 3-pole terminal
Interfaces	
LAN1	Gigabit Ethernet interface to 8-pole FCC RJ-45 plug
RS232	1x serial COM interface, RS232 level, electrically isolated, 4-wire on terminal
RS485	3x serial COM interface, RS485 level, electrically isolated, on terminal
Inputs	4x digital inputs, 12 V DC, current drawing, electrically isolated, LED display on terminal
Outputs	4x bistable relay outputs (NO/NC), 230 V AC / 16 A, electrically isolated, LED display on terminal
Audio	Audio output, not amplified Supports audio signals in the frequency range from 300 - 3400 Hz
USB	2x USB 2.0 host interface on a 4-pin USB connector type A
SD HC	MicroSD card slot
Battery	Battery backup holder for CR1632 button cell
KNX	Slot for KNX module, incl. terminal for KNX
EnOcean	Slot for EnOcean module

Memory	
External memory	8 GB – 32 GB SD-Cards
ROM	16 GB eMMC
RAM	4 GB DDR3
Watchdog	
	Can be parameterised via software
Real Time Clock	
	Real-time clock with battery backup
Configuration	
	Using the Sallegra configurator
Dimensions	
Dimensions (W x H x D)	212 x 90 x 58 mm
Protection class	
	IP20
Environmental limits	
Operating temperature range	0 °C – +55 °C
Storage temperature range	0 °C – +70 °C
Humidity	10 to 90% (non-condensing)
Conformity	
	CE
Assembly	
	TS35 DIN rail, EN50022

All specifications subject to change without notice or liability to provide changes to prior purchasers. Information and specifications published here are current as of the date of publication of this document. We reserve the right to change or modify specifications without prior notice. www.satelco.ch

* Warranty ex works, normally 24 months, fixed at order. Information is current as of the date of publication. Subject to errors and modifications. / NOTE: Internal connections refer to connections inside the unit, generally mounted across a pin-header. External connections refer to those outside the box. Once mounted, only connections described as "front accessible" can be accessed by the customer.

