



Datasheet Automation Controller Pro Serie 2020



swissmade 

Sallegra® Automation Controller Pro

- Interfaces KNX and EnOcean integrated
- Sallegra® operating system, can be easily expanded with countless software functions at any time
- Function as a multi-controller (backup, redundancy, load sharing), also across locations

Technical data:	
Processor	Intel Atom E3825 Dual Core with 1.33 GHz clock frequency / on request also with Quad Core
Operating system	Sallegra® based on Fedora Linux
Power supply	12 V DC ±20 % via 3-polige Anschlussklemme
Current intake	Typ 550mA
Power recording	6.6 VA
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
<u>KNX</u>	Slot for KNX module, incl. terminal block
<u>EnOcean</u>	Slot for EnOcean module
USB	2x USB 2.0 host interface on a 4-pin USB connector type A
Battery	Battery backup holder for CR1632 button cell
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
Memory	
External memory	MicroSD card up to 2GB, SDHC cards up to 32GB
Fixed memory	16 GB eMMC
Main memory	4 GB DDR3
Watchdog	Parameterisable via software
Real Time Clock	with battery backup
Configuration	with the Sallegra® Configurator
Dimensions	212 x 90 x 58 mm / 380 gr.
Protection class	IP20
Environmental conditions	
Operating temperature	0° C - +55° C
Storage temperature	0° C - +70° C
Humidity	10% - 90% (no condensation)
Mounting	DIN top-hat rail TS35, EN50022
Conformity	CE

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 * 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.