



# PRODUCT CATALOG

[www.salz-automation.com](http://www.salz-automation.com)

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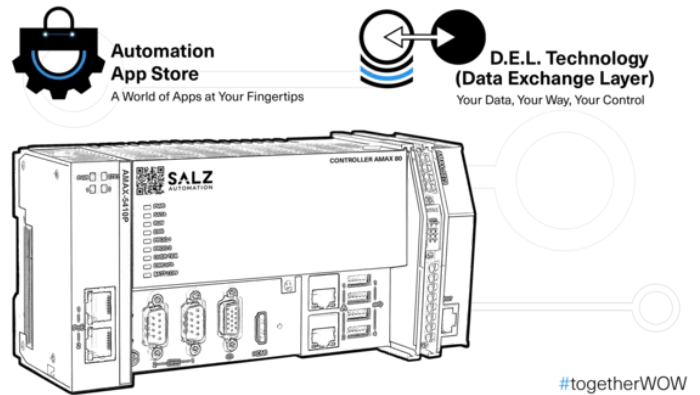
Who are we  
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# SALZ Control System

## The SALZ Control System grows

Highly adaptable SALZ Control System consists of:

- Open hardware
- Modular engineering software based on a virtualization concept
- Integrated App Store (optional)
- Complete automation solution with Security and Functional Safety according to IEC 61508
- Adaptable to meet diverse requirements across various industrial automation applications



## Main features at a glance

- Seamless integration of multi-runtime systems with massive message transfer with a delay of less as 5  $\mu$ s.
- Execution of many applications side by side on one device with operator controlled user and rights management.
- Deterministic and non-deterministic data exchange between application to storage using Data Exchange Layer (D.E.L.) Technology.
- Functional Safety logic (SIL3/PL e) can be created and executed in addition to the normal control logic to eliminate the need of additional safety hardware.
- Optional marketplace connection powered by FLECS to use multiple solutions.
- Easy access to deterministic and non-deterministic memory for simple and monitored data exchange between applications.
- Easy and fast loading and residue-free removal of applications for fast system customization.
- Allows the controller to be used in a cluster for more computational and storage power.
- Control System based on industrial controller AMAX-5580.
- Smallest and best Industrial PC hardware in the Core i class.
- Equipped with standard PCIe expansion modules.
- Includes EtherCAT communication interfaces.
- Enables flexible design and arrangement tailored to user needs and applications.



For more information on our Industrial Control System, please visit our website:

[https://www.salz-automation.com/en/SALZ\\_Control\\_System](https://www.salz-automation.com/en/SALZ_Control_System)

## Automation Controllers

- Compact controllers in high-quality metal housing.
- Real-time Linux with high-security requirements.
- Onboard Dashboard for configuration and diagnosis.
- Data Exchange Layer Technology for exchanging data between different applications.
- Expansion options with EtherCAT I/O's and PCIe Modules.
- Security and Functional Safety according to IEC 61508.

For more information on our Industrial Automation Controllers, please visit our website:

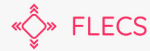
[www.salz-automation.com/en/Industrial\\_Automation\\_Controllers](http://www.salz-automation.com/en/Industrial_Automation_Controllers)



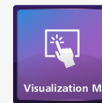
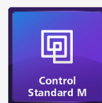
	Controller AMAX 70 PURE	Controller AMAX 80-C PURE
BIOS	AMI EFI 128Mbit Flash BIOS	AMI EFI 128Mbit Flash BIOS
Watchdog Timer	Programmable 255 levels timer interval, from 1 to 255 sec	Programmable 255 levels timer interval, from 1 to 255 sec
Processor	Intel® Atom™ x 6413E 1.5GHz Elkhart Lake Quad core, 1.5 MB L2	Intel® Celeron 3955U 2.0 GHz Skylake Dual Core, 2 MB L2 (also possible with more powerful processors)
Memory	DDR4 2666MHz, 4GB	DDR4 2666MHz, 4GB (two socket support up to 16G)
Ethernet	Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az	Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az
Expansion over backplane	right side: 1 x EtherCAT Slice I/O	right side: 1 x EtherCAT Slice I/O left side: 1 x Full-size mPCIe slot (PCIe / USB 2.0 / SATA signal)
Storage	64 GB eMMC	1 x 128 GB M.2 M Key 2280 SSD
LED Panel	LEDs for Power, Run (Programmable), LAN (LINK, ACT)	LEDs for Power, Run (Programmable), LAN (LINK, ACT)
Serial Ports	1 x RS-232/422/485 (terminal), 50 ... 115.2 kbps 1 x 485 (terminal), 50 ... 115.2 kbps, 2 x CAN Bus (terminal)	2 x RS-232/422/485 (DB9), 50 ~ 115.2kbps
LAN Ports	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000BASE-T Fast Ethernet	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000BASE-T Fast Ethernet
USB Ports	2 x USB ports (USB 3.2 compliant)	4 x USB ports (USB 3.0 compliant), 1 x internal USB
Display	1 x HDMI, support up to 1920 x 1080 @60Hz	1 x VGA, support up to 1920 x 1200 @60Hz 1 x HDMI, support up to 4096 x 2160 @24Hz
Order no.	SA-AMAX-5570-E2200A	SA-AMAX-5580-C3000A

## Software License

Licenses to the Software compatible with the automation controllers.



FLECS Store License	
Description	<p>FLECS Store is an upgrade to SALZ Software PURE, enabling users to download applications online via the dashboard.</p> <ul style="list-style-type: none"> <li>• Designed in Germany</li> <li>• Produced in Germany</li> </ul> <p>Function: Add-on for SALZ Software Pure, Docker Containers for various Application available online, directly deployable online.</p>
Order no.	SA-FLECS-ST-00-00



	CODESYS Control Standard M	CODESYS Visualization M
Description	<p>The application-based CODESYS Control Standard M license is specially designed for applications with an Ethernet-based fieldbus instance. It contains 1024 I/O channels and supports an application size.</p> <p>Function Ethernet-based fieldbus instance, 1024 I/O channels, application size up to 5 MB, independent of hardware, flexible device choice, scalable licenses etc.</p>	<p>The application-based license CODESYS Visualization M enables a CODESYS visualization with up to 2048 data points. This can be displayed as a WebVisu, as a TargetVisu or both.</p> <p>Function: Alarm management, trace and trend display, user management, recipe management, visualization styles, multi-axiality, integration of HTML5 controls in the CODESYS WebVisu.</p>
Order no.	SA-CDS-CON-ST-M-00	SA-CDS-VISU-M-00

## Accessories

Accessories compatible with the automation controllers.



CODESYS Key USB Dongle	
Description	<p>The CODESYS Key USB Dongle is a USB dongle for securely storing software licenses based on CodeMeter® technology.</p> <p>Function: CODESYS licence Key, up to 2000 licences, Single device licences.</p>
Order no.	SA-CDS-USB-DG-00-00

# Edge Devices and IPC

- Edge Devices from SALZ Automation enable IT/OT convergence at the device level.
- Bring computation closer to data sources, reducing latency and enhancing real-time processing.
- Offload central processing while preserving data fidelity.
- Improve local responsiveness and enhance security.
- Manage communication protocols and security at the edge for seamless and secure IoT interaction.
- Run analytics and machine learning models locally for faster insights and reduced cloud dependency.
- IPC designed for use in a variety of environments.
- Offers a wide range of interfaces and supports expansion.
- Accommodates various external devices.
- Supports wide voltage power supply (12V–36V).
- Highly scalable, practical, and EMC-compatible system.
- Suitable for industrial control, military industry, communication, power, and network automation.

For more information about our Edge Devices, please visit our website:

[https://www.salz-automation.com/de/IPCs\\_und\\_Edge\\_IPCs](https://www.salz-automation.com/de/IPCs_und_Edge_IPCs)



	EDGE DEVICE UNO-127 8GB	EDGE DEVICE UNO-127 4GB
Ethernet	2 x Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az	2 x Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az
Processor	Intel® Atom™ x6413E Quad core, 1.5 GHz	Intel® Atom™ x6413E Quad core, 1.5 GHz
Memory	4 GB DDR4 RAM	4 GB DDR4 RAM
Storage	64 GB eMMC on board	64 GB eMMC on board
OS Support	SALZ Linux OS Pure	SALZ Linux OS Pure
Input Voltage Range DC	10 ... 30 V	10 ... 30 V
Power Consumption (max.)	35 W	35 W
Ambient Temperature (operating)	-40 °C ... 85 °C	-40 °C ... 85 °C
Order no.	SA-UNO-127-E23BA	SA-UNO-127-E22BA

## Overview IPC

- All-aluminum alloy structure.
- Fanless, totally enclosed design.
- Lightweight and compact form factor.
- Low power consumption.
- Supports desktop and rack installation.
- Processor options from Intel Celeron to Core i7.



	<b>CONTROLLER IPC-I712-R16-S256</b>
Processor	Intel Core I7-1255U, 1.7 GHz (processor options: from Intel's Celeron to Core i7)
Interface	2 x RJ45 (10 M / 100 M / 1000 M) 4 x COM (default: RS232, optional: RS485) 4 x USB 2.0, 2 x USB 3.0 1 x HDMI, Supporting HDMI data output, up to 4K 1 x VGA 1 x Audio I/O, onboard Realtek ALC662 HD Wi-Fi 2.4G / 5G dual band
Memory	16 GB DDR4 RAM
Storage	256 GB SSD m.2
OS Support	Microsoft Windows, Linux, SALZ OS
Input Voltage Range DC	12 V ... 36 V
Power Consumption (max.)	15 W
Ambient Temperature (operating)	-10 °C ... 60 °C
Order no.	SA-IPC-I712-R16-S256

# IPCs

Intel® Celeron®



	CONTROLLER-IPC-W-M-C-J6-4G-..	CONTROLLER-IPC-W-M-C-J6-8G-..
Processor	Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)	Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu/Centos7.8/8.4/7.9/ Redhat7.4/Debian10.0/11.6	WIN10/11, Ubuntu/Centos7.8/8.4/7.9/ Redhat7.4/Debian10.0/11.6
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-C-J6-4G-..	SA-IPC-W-M-C-J6-8G-..



	CONTROLLER-IPC-W-M-C-J6-16G-..	CONTROLLER-IPC-W-M-C-J6-8G-..
Processor	Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)	Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)
Memory	16 GB DDR4 RAM	32 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu/Centos7.8/8.4/7.9/ Redhat7.4/Debian10.0/11.6	WIN10/11, Ubuntu/Centos7.8/8.4/7.9/ Redhat7.4/Debian10.0/11.6
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-C-J6-16G-..	SA-IPC-W-M-C-J6-32G-..

# Intel® Core™ i3



	CONTROLLER-IPC-W-M-I3-12-4G-..	CONTROLLER-IPC-W-M-I3-12-8G-..
Processor	Intel Core i3-1215U: 1.2 GHz	Intel Core i3-1215U: 1.2 GHz
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I3-12-4G-..	SA-IPC-W-M-I3-12-8G-..



	CONTROLLER-IPC-W-M-I3-12-16G-..	CONTROLLER-IPC-W-M-I3-12-32G-..
Processor	Intel Core i3-1215U: 1.2 GHz	Intel Core i3-1215U: 1.2 GHz
Memory	16 GB DDR4 RAM	32 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I3-12-16G-..	SA-IPC-W-M-I3-12-32G-..

All configuration options: [https://www.salz-automation.com/en/IPCs\\_and\\_Edge\\_IPCs/Intel\\_i3\\_Industrial\\_PCs](https://www.salz-automation.com/en/IPCs_and_Edge_IPCs/Intel_i3_Industrial_PCs)

# Intel® Core™ i5



	CONTROLLER-IPC-W-M-I5-12-4G-..	CONTROLLER-IPC-W-M-I5-12-8G-..
Processor	Intel Core i5-1235U, 1.3GHz, Up to 4.4 GHz	Intel Core i5-1235U, 1.3GHz, Up to 4.4 GHz
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I5-12-4G-..	SA-IPC-W-M-I5-12-8G-..



	CONTROLLER-IPC-W-M-I5-12-16G-..	CONTROLLER-IPC-W-M-I5-12-32G-..
Processor	Intel Core i5-1235U, 1.3GHz, Up to 4.4 GHz	Intel Core i5-1235U, 1.3GHz, Up to 4.4 GHz
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/ Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I5-12-16G-..	SA-IPC-W-M-I5-12-32G-..

All configuration options: [https://www.salz-automation.com/en/IPCs\\_and\\_Edge\\_IPCs/Intel\\_i5\\_Industrial\\_PCs](https://www.salz-automation.com/en/IPCs_and_Edge_IPCs/Intel_i5_Industrial_PCs)

# Intel® Core™ i7



	CONTROLLER-IPC-W-M-I7-12-4G-..	CONTROLLER-IPC-W-M-I7-12-8G-..
Processor	Intel Core i7-1255U, 1.7 GHz	Intel Core i7-1255U, 1.7 GHz
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I7-12-4G-..	SA-IPC-W-M-I7-12-8G-..



	CONTROLLER-IPC-W-M-I7-12-16G-..	CONTROLLER-IPC-W-M-I7-12-32G-..
Processor	Intel Core i7-1255U, 1.7 GHz	Intel Core i7-1255U, 1.7 GHz
Memory	4 GB DDR4 RAM	8 GB DDR4 RAM
Storage	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)	M.2 SSD (128 GB, 256 GB, 512 GB, 1 TB)
OS Support	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint
Nominal Operating Voltage	12 V ... 36 V	12 V ... 36 V
Power Consumption (max.)	55 W	55 W
Ambient Temperature (operating)	-10 °C ... 60 °C	-10 °C ... 60 °C
Order no.	SA-IPC-W-M-I7-12-16G-..	SA-IPC-W-M-I7-12-32G-..

All configuration options: [https://www.salz-automation.com/en/IPCs\\_and\\_Edge\\_IPCs/Intel\\_i7\\_Industrial\\_PCs](https://www.salz-automation.com/en/IPCs_and_Edge_IPCs/Intel_i7_Industrial_PCs)

# EtherCAT I/Os and PCIe Modules

## EtherCAT I/O System

- EtherCAT stands for Ethernet for Control Automation Technology and is an Ethernet-based communication technology developed for industrial automation.
- It operates at OSI Layers 1 and 2, using a master-slave communication model arranged in a daisy chain topology.
- EtherCAT supports high device distribution, allowing integration of many devices from different manufacturers in one automation system.
- To transfer safety-critical data, EtherCAT uses the Fail Safe over EtherCAT (FSOE) protocol extension.
- This technology integrates perfectly with SALZ Automation Controllers, supporting flexible and adaptable automation system designs.
- EtherCAT ensures real-time, deterministic data exchange with short cycle times and precise synchronization, critical for industrial control applications.



For more information on our I/O Modules, please visit our website:

[www.salz-automation.com/en/EtherCAT\\_IO\\_System](http://www.salz-automation.com/en/EtherCAT_IO_System)

## PCIe Expansion Modules

- Expansion Module for PCIe mini card slots with antenna support.
- 2-Port PoE vision frame grabber module.
- 4-Port USB 3.0 vision frame grabber module, 1500 mA per port.
- 2-Port GigE vision frame grabber module.
- Isolated 2-Port RS-232/422/485 communications module.
- 2-Port CAN module .
- 1-Port PROFIBUS DP device module.



For more information on our PCIe Expansion Modules, please visit our website:

[www.salz-automation.com/en/PCIe\\_Modules](http://www.salz-automation.com/en/PCIe_Modules)



	IP20 IO AMAX DI16	IP20 IO AMAX DI8
Channels	16	8
Digital Input	Sink/Source, LED indication	Sink/Source, LED indication
Input Delay	4 ms	4 ms
Integration Interfaces	Not specified	Not specified
Order no.	SA-AMAX-5052-A	SA-AMAX-5051-A



	IP20 IO AMAX DI2T-DI6
Channels	6
Digital Input	Sink/Source, LED indication
Input Delay	4 ms
Integration Interfaces	Not specified
Order no.	SA-AMAX-5051T-A



	IP20 IO AMAX RS-232/422/485
Channels / Ports	1 / 1
Baud Rate	1200 – 115200 bps
EtherCAT Port	2 × RJ45, 100 Mbps
Isolation Voltage	500 VDC
Operating Temp. Range	-25 °C to +60 °C
Order no.	SA-AMAX-5090-A

## Digital I/O Modules



	IP20 IO AMAX DO16 PNP	IP20 IO AMAX DO16 NPN
Channels	16	16
Voltage Rating	10~30 VDC	10~30 VDC
Rated Current Output	0.5A per channel at signal "1"	0.3A per channel at signal "1"
Leakage Current	10 $\mu$ A per channel at signal "0"	25 $\mu$ A per channel at signal "0"
Output Delay	From logic level 0 to 1: 150 $\mu$ s; From logic level 1 to 0: 2 ms	From logic level 0 to 1: 10 $\mu$ s; From logic level 1 to 0: 100 $\mu$ s
Order no.	SA-AMAX-5057SO-A2	SA-AMAX-5057-B



	IP20 IO AMAX DO8 PNP	IP20 IO AMAX DO8 NPN
Channels	8	8
Voltage Rating	10~30 VDC	10~30 VDC
Rated Current Output	0.5A per channel at signal "1"	0.3A per channel at signal "1"
Leakage Current	10 $\mu$ A per channel at signal "0"	25 $\mu$ A per channel at signal "0"
Output Delay	From logic level 0 to 1: 150 $\mu$ s; From logic level 1 to 0: 2 ms	From logic level 0 to 1: 10 $\mu$ s; From logic level 1 to 0: 100 $\mu$ s
Order no.	SA-AMAX-5056SO-A	SA-AMAX-5056-A



	IP20 IO AMAX DOR4-DI2	IP20 IO AMAX DO2T
Channels	4	2
Voltage Rating	10~30 VDC	10~30 VDC
Rated Current Output	-	Logic level 1: 0.3A per channel
Leakage Current	-	Logic level 0: 25 $\mu$ A per channel (leakage current)
Output Delay	-	< 1 $\mu$ s
Order no.	SA-AMAX-5060-A	SA-AMAX-5056T-A

## Digital I/O Modules



	IP20 IO AMAX DI2-HTL	IP20 IO AMAX DI-TTL-RS422
Channels	2	1
Frequency	1 MHz input max.	1 MHz input max.
Counting Range	32-bits	32-bits
Input Voltage Range DC	-	+12 V
Power Consumption (max.)	2 W @ 24 VDC	3 W @ 24 VDC
Order no.	SA-AMAX-5080-A	SA-AMAX-5081-A



	IP20 IO AMAX DI1-SSI
Channels	1
Frequency	2 MHz (clock rate)
Counting Range	ST: 0 ... 16-bits, MT: 0 ... 16-bits
Input Voltage Range DC	+12 V
Auxiliary I/O	10 ... 30 V DI Latch / Pulse output
Order no.	SA-AMAX-5082-A

## Analog I/O Modules



	IP20 IO AMAX AI6-C	IP20 IO AMAX AI6-V
Channels	6	6
Input Type	mA	V,mV
Input Impedance	120 Ω	>10M Ω
Voltage Range	±20 mA, 0 ~ 20 mA, 4 ~ 20 mA	±150 mV, ±500 mV, ±1V, ±5 V, ±10 V
Resolution	16-bit	16-bit with ±0.1% FSR accuracy
Order no.	SA-AMAX-5017C-A	SA-AMAX-5017V-A



	IP20 IO AMAX AI6-TC	IP20 IO AMAX AI4-HS
Channels	6	4
Input Type	V, mV, Thermocouple	V, mA
Input Impedance	>2MΩ	800 kΩ, for voltage input, 500 Ω, for current input
Voltage Range	±50 mV, ±100 mV, ±500 mV, ±1 V, ±2.5 V	±10 V, 0 ~ 10 V, 0 ~ 20 mA
Resolution	16-bit	16-bit with ±0.1 % for voltage input, 16-bit ±0.2 % for current input
Order no.	SA-AMAX-5018-A	SA-AMAX-5017H-A



	IP20 IO AMAX RTD4
Channels	4
Input Type	RTD / Pt 100, Pt 1000, Balco 500, Ni 518
Input Connections	2 or 3 wire
Sample Rate	100 sample/s (per channel)
Resolution	16 bit with ±0.1 % FSR accuracy
Order no.	SA-AMAX-5015-A

## Analog I/O Modules



	IP20 IO AMAX AO4
Channels	4
Input Type	Pt 100, Pt 1000, Balco 500, Ni 518
Input Impedance	-
Voltage Range	-
Resolution	16 bit with $\pm 0.1$ % FSR accuracy
Order no.	SA-AMAX-5015-A

## Infrastructure I/O Modules



IP20 IO AMAX POWER IN-DI4	
Channel	4
Rated Voltage	24 VDC (± 20 %)
Dual Power Input	Supported
Max Current on Bus	2A
Diagnosis Function	Over/under voltage for input 1&2, Over current output on bus
Order no.	SA-AMAX-5001



IP20 IO AMAX EC COUPLER	
Function	Coupling EtherCAT IO modules to 100BASETX EtherCAT network
Cable	Ethernet/EtherCAT cable (min. Cat. 5), shielded
Distance between stations	Max. 100 m (100BASETX)
Number of configurable IDs	256 (2 x 16-bit ID switch)
Bus Interface	2 x RJ45 (1 x Input, 1 x Output)
Order no.	SA-AMAX-5074

## Infrastructure I/O Modules



### IP20 IO AMAX EC EXT

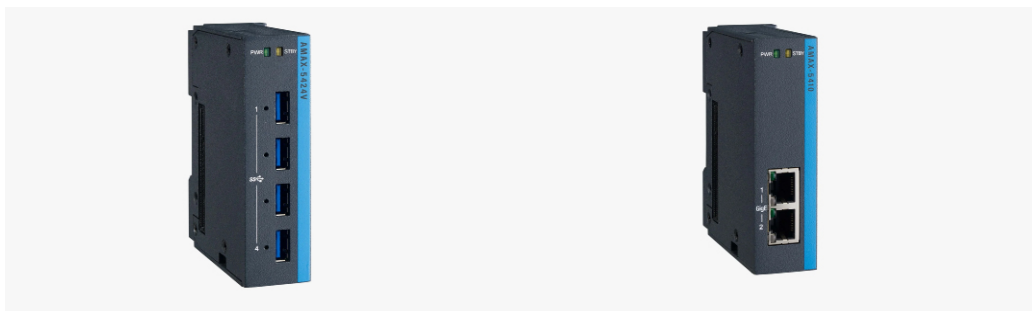
Function	Conversion of EtherCAT to 100BASE-TX Ethernet for extension of the EtherCAT network
Cable	Ethernet/EtherCAT cable (min. Cat. 5), shielded
Distance between stations	Max. 100 m (100BASE-TX)
Bus Interface	1 x RJ45
Power from bus	N/A
Order no.	SA-AMAX-5079



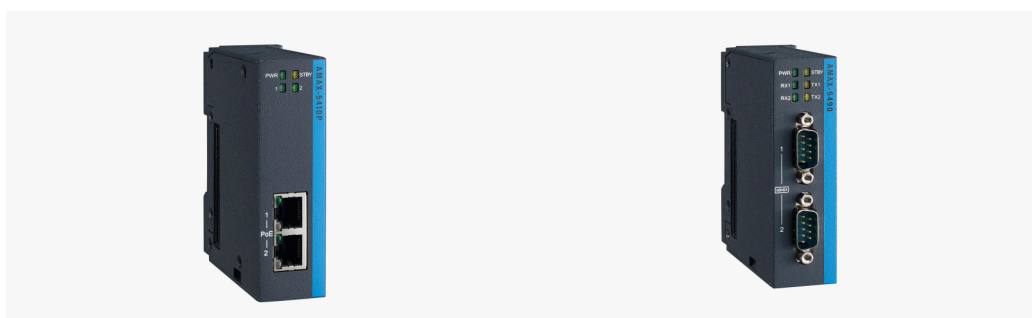
### IP20 IO AMAX Modbus TCP Coupler

Function	provides 15 functional I/O modules
Cable	Ethernet / EtherCAT cable (min. Cat. 5), shielded
Distance between stations	Max. 100 m (100-BASE-TX)
Number of configurable IDs	0~255
TCP Connection No.	16
Order no.	SA-AMAX-5070

# PCI Expansion Modules



	IP20 PCI 4-USB	IP20 PCI 2-GIGE
Ports	4-port USB3.0	2 Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports.
Power Consumption (max.)	2.5 W @ 24 VDC	2.5 W @ 24 VDC
LED Panel	PWR, Standby	PWR, Standby
Input Current (typ.)	1500 mA per port	-
Ambient Temperature (start-up type tested)	-10 ... 60°C (14 ... 140°F)	-10 ... 60°C (14 ... 140°F)
Ambient Temperature (storage/transport)	-40 ... 85°C (-40 ... 185 °F)	-40 ... 85°C (-40 ... 185°F)
Operating Humidity (non-condensing)	5~ 95 % RH @ 40°C, non-condensing	5~ 95% RH @ 40°C, non-condensing
Order no.	SA-AMAX-5424V-A	SA-AMAX-5410-A



	IP20 PCI 2-PoE	IP20 PCI 2-SERIAL
Ports	2 Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports.	2-port RS-232/422/485
Power Consumption (max.)	2.5 W @ 24 VDC	2 W @ 24 VDC
LED Panel	PWR, Standby	PWR, Standby, TX1, RX1, TX2, RX2
Input Current (typ.)	-	-
Ambient Temperature (start-up type tested)	-10 ... 60°C (14 ... 140°F)	-10 ... 60°C (14 ... 140°F)
Ambient Temperature (storage/transport)	-40 ... 85°C (-40 ... 185 °F)	-40 ... 85°C (-40 ... 185 °F)
Operating Humidity (non-condensing)	5~ 95% RH @ 40°C, non-condensing	5~ 95% RH @ 40°C, non-condensing
Order no.	SA-AMAX-5410P-A	SA-AMAX-5490-A



	IP20 PCI 2-CAN	IP20 PCI 1-PB-DP-MASTER
Ports	2 CAN2.0 AB Ports	PROFIBUS DP V1
Power Consumption (max.)	3 W @ 24 VDC	3 W @ 24 VDC
LED Panel	PWR, Standby, TX1, RX1, TX2, RX2	PWR, Standby
Input Current (typ.)	1500 mA per port	-
Ambient Temperature (start-up type tested)	-10 ... 60°C (14 ... 140°F)	-10 ... 60°C (14 ... 140°F)
Ambient Temperature (storage/transport)	-40 ... 85°C (-40 ... 185 °F)	-40 ... 85°C (-40 ... 185 °F)
Operating Humidity (non-condensing)	5~ 95 % RH @ 40°C, non-condensing	5~ 95 % RH @ 40°C, non-condensing
Order no.	SA-AMAX-5495-A	SA-AMAX-5493M-A



	IP20 PCI CARD EXPANSION
Ports	Mini PCIe *1, Nano SIM *1
Power Consumption (max.)	0.5 W @ 24 VDC
LED Panel	PWR, Standby
Input Current (typ.)	-
Ambient Temperature (start-up type tested)	-10 ... 60°C (14 ... 140°F)
Ambient Temperature (storage/transport)	-40 ... 85°C (-40 ... 185 °F)
Operating Humidity (non-condensing)	5~ 95 % RH @ 40°C, non-condensing
Order no.	SA-AMAX-5400E-A

# Industrial Panel PCs

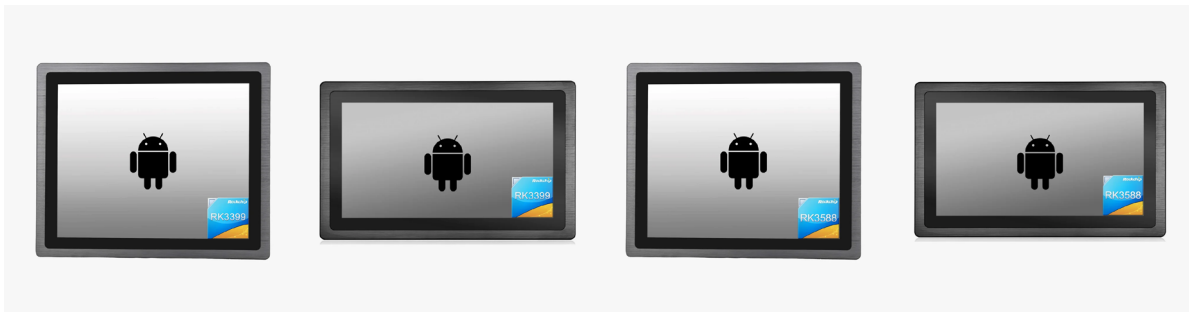
- Web Panels are available in sizes 7" to 23.8" with capacitive or without touch.
- Top-notch computing performance, featuring up to Intel Core i7 10th Gen processors.
- Up to 64 GB DDR4 RAM and up to 1 TB SSD storage.
- Robust aluminium housing with an IP65 protection rating.
- Scalable and modern with resistive and capacitive touch technology.
- Customizable with Android, Linux, or Windows operating systems.
- Wide range of sizes and processors with advanced functionalities.
- Connectivity options include Wi-Fi, Bluetooth, USB, and serial ports.

For more information on our Industrial Panel PCs, please visit our website:  
[www.salz-automation.com/en/Industrial\\_Panel\\_PCs\\_Overview](http://www.salz-automation.com/en/Industrial_Panel_PCs_Overview)

## Overview Panel PCs

Android Panel PCs	Linux Panel PCs	Windows Panel PCs	Monitors
Format: 4:3 / 16:9 / 16:10 Size: 10", 12", 15", 17", 19", 21", 24"	Format: 4:3 / 16:9 / 16:10 Size: 10", 12", 15", 17", 19", 21", 24"	Format: 4:3 / 16:9 / 16:10 Size: 10", 12", 15", 17", 19", 21", 24"	Format: 4:3 / 16:9 / 16:10 Size: 10", 12", 15", 17", 19", 21", 24"
OS: Android 7.1 / 9.0 / 11 / 13	OS: Linux4.4 / ubuntu18.04 / debian10	OS: Win10 Pro/ Win10 IoT/ Win10 Enterprise	
Android Panel PCs come with pre-installed Automation Browser along with onboard Wi-fi, USB-OTG, TF/SIM, LAN, COM, Audio I/O, HDMI ports and interfaces.	Linux Panel PCs come with pre-installed Automation Browser along with onboard Wi-fi, USB-OTG, TF/SIM, LAN, COM, Audio I/O, HDMI ports and interfaces.	Windows Panel PCs come with pre-installed Automation Browser along with onboard Wi-fi, USB-OTG, TF/SIM, LAN, COM, Audio I/O, HDMI ports and interfaces.	Monitors come with onboard Wi-fi, USB-OTG, TF/SIM, LAN, COM, Audio I/O, HDMI ports and interfaces.
Configuration: <ul style="list-style-type: none"> <li>• Processor: Rockchip RK3399-A</li> <li>• Processor: Rockchip RK3588</li> <li>• Storage: 64GB eMMC.</li> <li>• RAM: 4GB / 8GB</li> <li>• Touch Screen: Capacitive / Resistive Touch</li> <li>• IP65 compact fanless housing</li> </ul>	Configuration: <ul style="list-style-type: none"> <li>• Processor: Rockchip RK3399-A</li> <li>• Processor: Rockchip RK3588</li> <li>• Storage: 64GB eMMC.</li> <li>• RAM: 4GB / 8GB</li> <li>• Touch Screen: Capacitive / Resistive Touch</li> <li>• IP65 compact fanless housing</li> </ul>	Configuration: <ul style="list-style-type: none"> <li>• Intel® Celeron® Processor J4125</li> <li>• Intel® Core™ i3-1215U Processor</li> <li>• Intel® Core™ i5-1235U Processor</li> <li>• Intel® Core™ i7-1255U Processor</li> <li>• Storage: 64GB / 128GB / 256GB / 512GB / 1TB SSD</li> <li>• RAM: 4GB / 8GB / 16GB / 32GB</li> <li>• Touch Screen: Capacitive / Resistive Touch</li> <li>• IP65 compact fanless housing</li> </ul>	Configuration: <ul style="list-style-type: none"> <li>• Touch Screen: Capacitive / Resistive / No Touch</li> <li>• IP65 compact fanless housing</li> </ul>

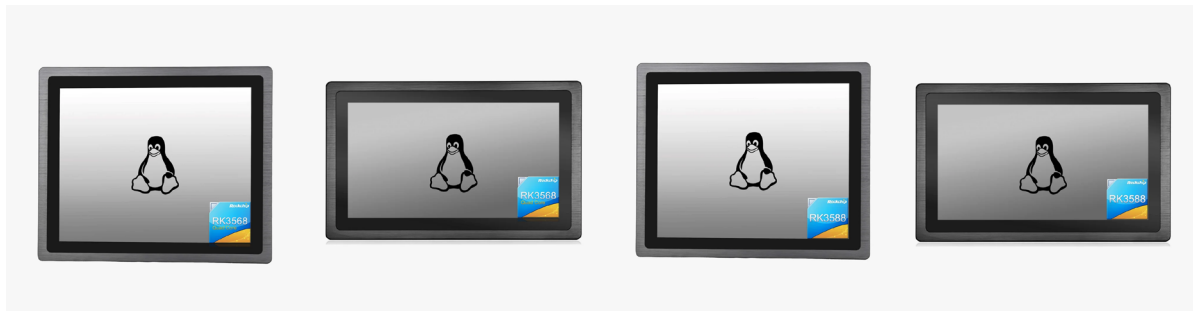
# Android Panel PCs



	Panel-PC-A-A53-04-64-01-...-	Panel-PC-A-A53-04-64-02-...-	Panel-PC-A-A55-08-64-01-...-	Panel-PC-A-A55-08-64-02-...-
Processor	RK3399, dual-core Cortex-A72 1.8GHz + quad-core Cortex-A53 1.4 GHz	RK3399, dual-core Cortex-A72 1.8GHz + quad-core Cortex-A53 1.4 GHz	Rockchip RK3588 Quad-core Cortex-A76 + Quad-core Cortex-A55	Rockchip RK3588 Quad-core Cortex-A76 + Quad-core Cortex-A55
RAM	4 GB	4 GB	8 GB	8 GB
SSD	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash
Ratio	4:3	16:9	4:3	16:9
Size	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8
OS	Android 7.1/9.0/11/13	Android 7.1/9.0/11/13	Android 7.1/9.0/11/13	Android 7.1/9.0/11/13
Ports	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO
Order no.	SA-P-A-A53-04-64-01-...-	SA-P-A-A53-04-64-02-...-	SA-P-A-A55-08-64-01-...-	SA-P-A-A55-08-64-02-...-

Link to website and more configuration options: [www.salz-automation.com/en/Android\\_Panel\\_PCs](http://www.salz-automation.com/en/Android_Panel_PCs)

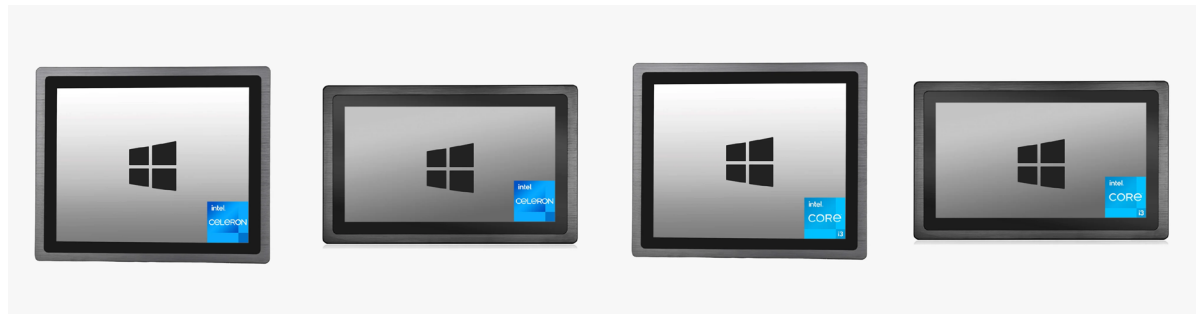
## Linux Panel PCs:



	Panel-PC-L- A53-04-64-01-...-	Panel-PC-L- A53-04-64-02-...-	Panel-PC-L- A55-08-64-01-...-	Panel-PC-L- A55-08-64-02-...-
Processor	RK3568 processor, Quad-core/4-Wire 2.0 GHz CPU	RK3568 processor, Quad-core/4-Wire 2.0 GHz CPU	Rockchip RK3588 Quad-core Cortex-A76 + Quad-core Cortex-A55	Rockchip RK3588 Quad-core Cortex-A76 + Quad-core Cortex-A55
RAM	4 GB	4 GB	8 GB	8 GB
SSD	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash	Onboard 64 GB eMMC NAND Flash
Ratio	4:3	16:9	4:3	16:9
Size	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8
OS	Debian11	Debian11	Debian11	Debian11
Ports	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO
Order no.	SA-P-L-A53-04-64-01-...-	SA-P-L-A53-04-64-02-...-	SA-P-L-A55-08-64-01-...-	SA-P-L-A55-08-64-02-...-

Link to website and more configuration options: [www.salz-automation.com/en/Linux\\_Panel\\_PCs](http://www.salz-automation.com/en/Linux_Panel_PCs)

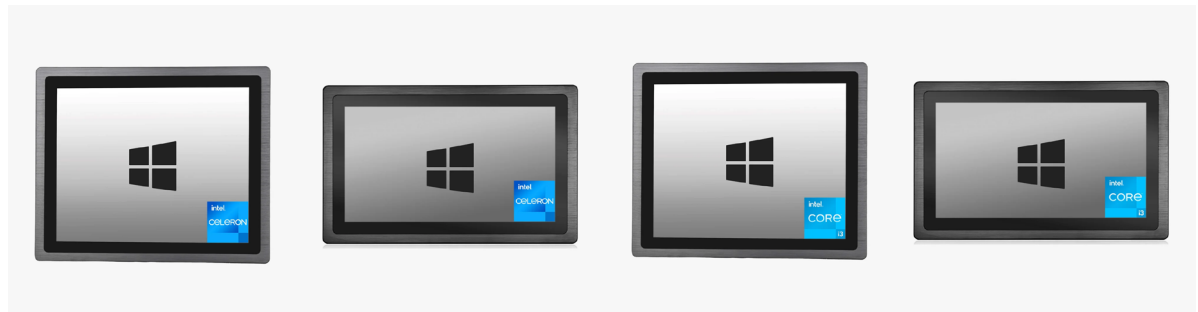
## Windows Panel PCs:



	Panel-PC-W-CE-00-00-01-...-	Panel-PC-W-CE-00-00-02-...-	Panel-PC-W-i3-00-00-01-...-	Panel-PC-W-i3-00-00-02-...-
Processor	Intel® Celeron® Processor J6412	Intel® Celeron® Processor J6412	Intel® Core™ i3-1215U Processor	Intel® Core™ i3-1215U Processor
RAM	4/8/16/32 GB	4/8/16/32 GB	4/8/16/32 GB	4/8/16/32 GB
SSD	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC
Ratio	4:3	16:9	4:3	16:9
Size	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8
OS	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)
Ports	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x 3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x 3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x 3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x 3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO
Order no.	SA-P-W-CE-00-00-01-...-	SA-P-W-CE-00-00-02-...-	SA-P-W-i3-00-00-01-...-	SA-P-W-i3-00-00-02-...-

Link to website and more configuration options: [www.salz-automation.com/en/Windows\\_Panel\\_PC](http://www.salz-automation.com/en/Windows_Panel_PC)s

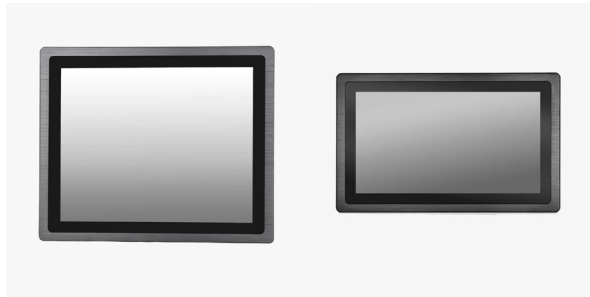
# Windows Panel PCs



	Panel-PC-W-i5-00-00-01-...-	Panel-PC-W-i5-00-00-02-...-	Panel-PC-W-i7-00-00-01-...-	Panel-PC-W-i7-00-00-02-...-
Processor	Intel® Core™ i5-1235U Processor	Intel® Core™ i5-1235U Processor	Intel® Core™ i7-1255U Processor	Intel® Core™ i7-1255U Processor
RAM	4/8/16/32 GB	4/8/16/32 GB	4/8/16/32 GB	4/8/16/32 GB
SSD	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC	64/128/256/512 GB and 1TB eMMC
Ratio	4:3	16:9	4:3	16:9
Size	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8
OS	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)	Win10/11 (Professional, IoT LTSC, Enterprise)
Ports	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1xPower SW, 1xSIM card slot, 1xTF/SD card slot, 1xHDMI, Ethernet: 1x 10/100/1000 BaseT(X) RJ45, 1x3.5mm Audio output interface, 1x RS-232 (RS-485/422), 12 Pin-Screw Connector: 1x RS-485, 1x RS-232, 1x CAN, 3x GPIO
Order no.	SA-P-W-i5-00-00-01-...-	SA-P-W-i5-00-00-02-...-	SA-P-W-i7-00-00-01-...-	SA-P-W-i7-00-00-02-...-

Link to website and more configuration options: [www.salz-automation.com/en/Windows\\_Panel\\_PCs](http://www.salz-automation.com/en/Windows_Panel_PCs)

Monitors:



	Panel-Monitor-01-...-	Panel-Monitor-02-...-
Power Consumption (max.)	Depends on size (5.6W to 18.3W)	Depends on size (5.6W to 18.3W)
Ratio	4:3	16:9
Size	10.4/12/15/17/19	10.1/11.6/12.1/13.3/15.6/17.3/18.5/19.1/21.5/23.8
In Compliance With	IP66	IP66
Ports	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1x RJ45, 1xVGA, 1x DVI-D, 1x HDMI, 1x3.5mm Audio output interface	Coaxial power connector (5,5 x 2,5 mm): 12 ... 36 VDC, 1x RJ45, 1xVGA, 1x DVI-D, 1x HDMI, 1x3.5mm Audio output interface
Order no.	SA-P-M-01-...-	SA-P-M-02-...-

Link to website and more configuration options: [www.salz-automation.com/en/Monitors](http://www.salz-automation.com/en/Monitors)

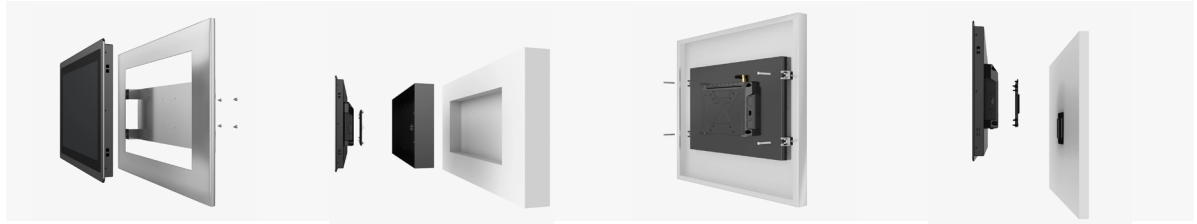
## Monitor Sizes

Size	Touch	Parameter	Pixels
7 inch	Non-touch	16:9	1024x600
	Capacitive touch	16:9	1024x600
10.1 inch	Non-touch	16:10	800x1280
	Capacitive touch	16:10	800x1280
10.4 inch	Non-touch	4:3	1024x768
	Capacitive touch	4:3	1024x768
11.6 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080
12.1 inch	Non-touch	16:10	1280x800
	Capacitive touch	16:10	1280x800
12 inch	Non-touch	4:3	1024x768
	Capacitive touch	4:3	1024x768
15 inch	Non-touch	4:3	1024x768
	Capacitive touch	4:3	1024x768
15.6 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080
17 inch	Non-touch	4:3	1280x1024
	Capacitive touch	4:3	1280x1024
17.3 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080
18.5 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080
19 inch	Non-touch	4:3	1280x1024
	Capacitive touch	4:3	1280x1024
19.1 inch	Non-touch	16:10	1440x900
	Capacitive touch	16:10	1440x900
21.5 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080
23.8 inch	Non-touch	16:9	1920x1080
	Capacitive touch	16:9	1920x1080

Links to configuration options:

- [Android Panel PCs](#)
- [Linux Panel PCs](#)
- [Windows Panel PCs](#)
- [Monitors](#)

## Mounting Accessories

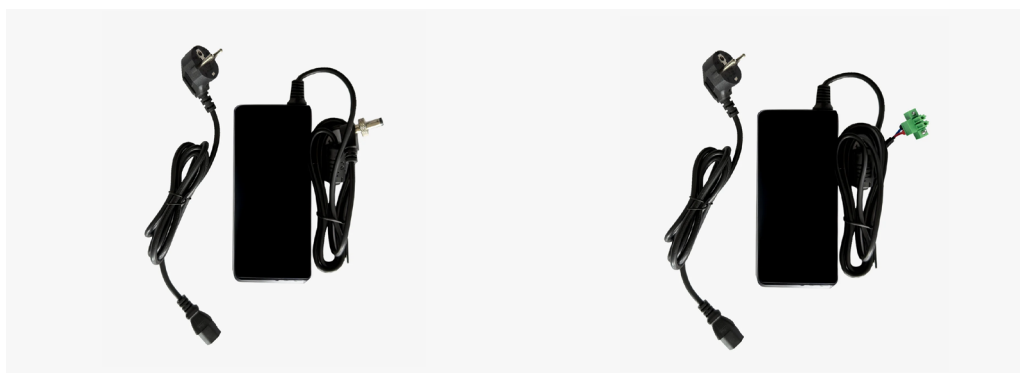


	PANEL MOUNT FRAME	FLUSH WALL-MOUNT EMBEDDED BOX	PANEL EMBEDMENT CLAMPS	VESA WALL MOUNT BRACKET
Product Information	The panel mounting frame provides precise, tilted positioning for SALZ panel PCs weighing up to 100 kg, suitable for overhead monitoring and 30–45° ergonomic HMI applications. 4mm 6063-T6 aluminum, RAL 9005 powder coating, VESA 75/100/200, spirit level, M8 joints, cable channels. IEC 60068-2-6 4G vibration.	The sink wall mounting box seamlessly integrates SALZ panel PCs weighing up to 75 kg with a 45 mm projection for a cleanroom aesthetic. 3 mm 304 stainless steel, IP66 neoprene gasket, ±15 mm frame adjustment (510 x 290 mm cutout).	Panel-mount clamps revolutionize frameless installation for SALZ displays weighing up to 50 kg in cutouts without visible hardware. Made of galvanized spring steel with polymer pads, they grip edges 2–15 mm thick and ensure even load distribution.	VESA wall mount for SALZ panel PCs up to 100 kg, 24/7 factory/food-grade. 5 mm HRPO steel, chemical-resistant coating, VESA 75–400, anti-theft protection, torque supports.
Order no.	SA-MT-ZS-100	SA-MT-EB-75	SA-MT-CL-50	SA-MT-WM-100



	INDUSTRIAL STAND VESA 100x100	CANTILEVER ARM MOUNT	LOUVER WINDOW MOUNT KIT	BOOM ARM MOUNT
Product Information	The SA-MT-DS-150 industrial stand enables ergonomic workstations for SALZ panel PCs weighing up to 150 kg in manufacturing and quality assurance. The cast aluminum base, with a low center of gravity and non-slip rubber pads, ensures stability and passes 30° tilt tests. The system offers full flexibility with 90° tilt, 180° swivel range, rotation (portrait/landscape), and gas spring height adjustment from 150–400 mm to help prevent RSI risks.	The boom arm mount (SA-MT-CA-200) provides dynamic, 600 mm extendable positioning for SALZ panel PCs weighing up to 200 kg, bringing them directly to operators across assembly benches and packaging lines. Multi-joint extruded aluminum with precision bearings, 360° rotation at three points, ±20° tilt, gas-assisted balance.	The ventilation window mounting kit (SA-MT-LV-80) mounts SALZ panel PCs weighing up to 80 kg above ventilation grilles in HVAC enclosures, maintaining a 200 CFM airflow during process visualization. Stainless steel brackets with mesh protection; spacers 25–120 mm.	Overhead boom with a long reach. 2 m in length and a coverage area of up to 3 x 3 m. 270° swivel range, ceiling beam anchor, integrated cable basket, anti-sway system, high-bay light, emergency lowering, modular lengths.
Order no.	SA-MT-DS-150	SA-MT-CA-200	SA-MT-LV-80	SA-MT-BM-250

## Desktop Power Supplies



	POWER DESKTOP 12-4 S	POWER DESKTOP 12-4 P
Input voltage	100 - 240 V AC	100 - 240 V AC
Output voltage	12 V DC	12 V DC
Output current	4 A	4 A
Power	48 W	48 W
Plug type	4-pin Mini-DIN	Terminal Block (Push-in)
Efficiency	Level VI	Level VI
Protection rating	Short circuit, Overload, Overvoltage	Short circuit, Overload, Overvoltage
Approvals	CE, UL, RoHS, TÜV/GS	CE, UL, RoHS, TÜV/GS
Order no.	SA-PD-12-04-S-00	SA-PD-12-04-P-00

# Industrial Ethernet Switches

## Managed, Lite-managed and Unmanaged Switches

- Industrial Ethernet is the leading communication standard in industrial automation.
- It operates using the transparent and universal TCP/IP protocol.
- Industrial Ethernet switches provide the foundation for high-performance communication networks.
- These switches ensure targeted and reliable data distribution across all network levels.
- Switches are built with durable metal housings suitable for harsh industrial environments.
- The design emphasizes robustness, reliability, and high-quality aesthetics.
- Users can choose between fully managed, lite managed, and unmanaged switches based on feature needs.
- The product range includes integrated QoS (Quality of Service) for optimized operation.
- Suitable for PROFINET applications, GOOSE, and Ethernet/IP protocols.
- Compliant with PROFINET Conformance Classes A, B, and C.



### Your advantages:

- High-quality products designed in Germany.
- Compact full metal housings with high port density.
- Variable number of ports with Fast Ethernet and Gigabit for large networks with high data throughput.
- Power-over-Ethernet switches for the use of cameras and other PoE end devices.
- Support for various IT standards and automation protocols such as PROFINET.
- High noise immunity, a metal housing and a wide temperature range for continuous operation in industrial environment.

For more information on our Industrial Ethernet Switches and Outdoor Camera Box, please visit our website:  
[www.salz-automation.com/en/Industrial\\_Ethernet\\_Switches](http://www.salz-automation.com/en/Industrial_Ethernet_Switches)

## Overview Industrial Ethernet Switches

Name	Type	RJ45	Order no.
SWITCH 1005TX	Unmanaged	5 x 10/100 Mbit	SA-1005-TX-01-00
SWITCH 1008TX	Unmanaged	8 x 10/100 Mbit	SA-1008-TX-01-00
SWITCH 1016TX	Unmanaged	16 x 10/100 Mbit	SA-1016-TX-01-00
SWITCH 2005TX	Unmanaged	5 x 10/100 Mbit	SA-2005-TX-01-00
SWITCH 2005GT	Unmanaged	5 x 10/100/1000 Mbit	SA-2005-GT-01-00
SWITCH 2008TX	Unmanaged	8 x 10/100 Mbit	SA-2008-TX-01-00
SWITCH 2008GT	Unmanaged	8 x 10/100/1000 Mbit	SA-2008-GT-01-00
SWITCH 2016GT	Unmanaged	16 x 10/100/1000 Mbit	SA-2016-GT-01-00
SWITCH 2008GT-POE	Unmanaged	8 x 10/100/1000 POE	SA-2008-GP-01-00
SWITCH 2008GT-2SFP	Unmanaged	8 x 10/100/1000 Mbit	SA-2008-GS-01-00
SWITCH 2008GT-POE	Managed	8 x 10/100/1000 Mbit	SA-6008-GS-01-00
SWITCH 2008GT-2SFP	Managed	16 x 10/100/1000 Mbit	SA-6016-GT-01-00

## Unmanaged Ethernet Switches - Series 1000



	SWITCH 1005TX	SWITCH 1008TX
Connectors (RJ45)	5 x 10/100Base-TX	8 x 10/100 Base-TX
DIP switches	for storm-, flow control, VLAN support	for storm-, flow control, VLAN support
LED indicators	PWR, 100, LNK/ACT	PWR, 100, LNK/ACT
Nominal input voltage (DC)	12 V ... 48 V DC	12 V ... 48 V DC
Current consumption (typ.)	approx. 0.15 A	approx. 0.2 A
Power dissipation (max.)	approx. 3 W	approx. 4 W
Ambient temperature (operating)	-40 °C ... +75 °C	-40 °C ... +75 °C
Order no.	SA-1005-TX-01-00	SA-1008-TX-01-00



	SWITCH 1016TX
Connectors (RJ45)	16 x 10/100 Base-TX
DIP switches	for storm-, flow control, VLAN support
LED indicators	PWR, 100, LNK/ACT
Nominal input voltage (DC)	12 V ... 48 V DC
Current consumption (typ.)	approx. 0.35 A
Power dissipation (max.)	approx. 5 W
Ambient temperature (operating)	-40 °C ... +75 °C
Order no.	SA-1016-TX-01-00

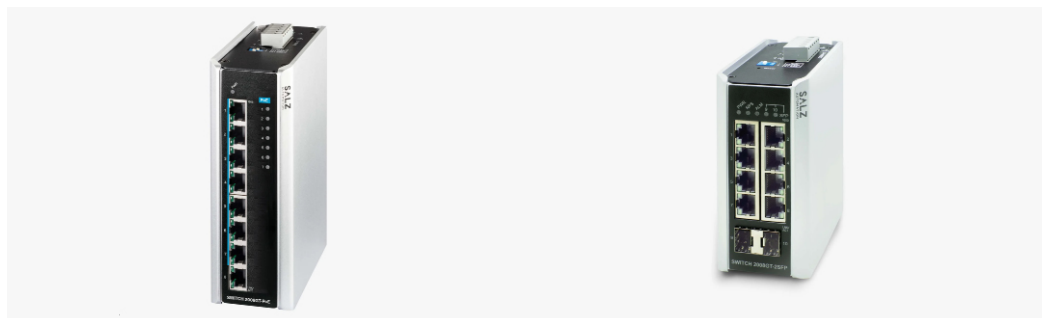
## Unmanaged Ethernet Switches - Series 2000



	SWITCH 2005TX	SWITCH 2005GT
Ports (RJ45)	5 x 10/100 Base-TX	5 x 10/100/1000 Base-T
DIP Switch	-	-
LED Panel	PWR, 100, LNK/ACT	PWR, 1000, 10/100
Input Voltage Range DC	12 ... 48 V	9 ... 48 V
Input Current (typ.)	0.15 A	0.5 A
Power Consumption (max.)	3 W	4 W
Ambient Temperature (operating)	-40 °C ... 75 °C	-40 °C ... 75 °C
Order no.	SA-2005-TX-01-00	SA-2005-GT-01-00



	SWITCH 2008TX	SWITCH 2008GT
Ports (RJ45)	8 x 10/100 Base-TX	8 x 10/100/1000 Base-T
DIP Switch	PWR, 100, LNK/ACT	Voltage drop alarm setting
LED Panel	PWR, 100, LNK/ACT	PWR, RPS, ALM, 1000, LNK/ACT
Input Voltage Range DC	12 ... 48 V	9 ... 57 V
Input Current (typ.)	0.2 A	1 A
Power Consumption (max.)	3 W	5 W
Ambient Temperature (operating)	-40 °C ... 75 °C	-40 °C ... 75 °C
Order no.	SA-2008-TX-01-00	SA-2008-GT-01-00

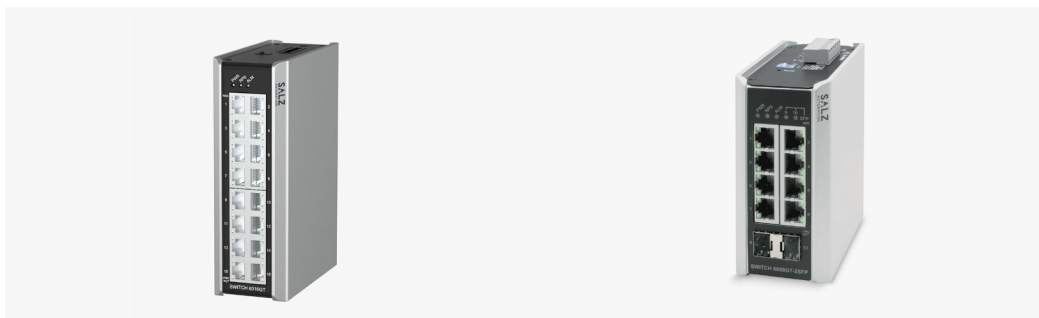


	SWITCH 2008GT-POE	SWITCH 2008GT-2SFP
Ports (RJ45)	7 x 10/100/1000 Base-T POE+	8 x 10/100/1000 Base-T
DIP Switch	Broadcast storm control setting, Port-based QoS	Voltage drop alarm setting
LED Panel	PWR, RPS, ALM, PoE+, 1000, LNK/ACT	PWR, RPS, ALM, PoE, 1000, LNK/ACT
Input Voltage Range DC	24 ... 57 V	24 ... 57 V
Input Current (typ.)	1 A	1 A
Power Consumption (max.)	17 W	12 W
Ambient Temperature	-40 °C ... 85 °C	-40 °C ... 75 °C
Order no.	SA-2008-GP-01-00	SA-2008-GS-01-00



	SWITCH 2016GT
Ports (RJ45)	16 x 10/100/1000 Base-T
DIP Switch	Voltage drop alarm setting
LED Panel	PWR, RPS, ALM, 1000, LNK/ACT
Input Voltage Range DC	12 ... 60 V
Input Current (typ.)	1,5 A (12 V)
Power Consumption (max.)	18 W
Ambient Temperature (operating)	-40 °C ... 75 °C
Order no.	SA-2016-GT-01-00

## Managed Ethernet Switches



	SWITCH 6008GT-2SFP	SWITCH 6016GT
Ports (RJ45)	8 x 10/100/1000Base-T	16 x 10/100/1000Base-T
DIP Switch	Primary, Redundant power, Drop alarm setting	Primary, Redundant power, Drop alarm setting
LED Panel	PWR, RPS, ALM, PoE, LNK/ACT	PWR, RPS, ALM, PoE, LNK/ACT
Input Voltage Range DC	12 ... 60 V	12 ... 60 V
Input Current (typ.)	1,5 A (12 V)	1,5 A (12 V)
Power Consumption (max.)	18 W	18 W
Ambient Temperature (operating)	-40 °C ... 75 °C	-40 °C ... 75 °C
Order no.	SA-6008-GS-01-00	SA-6016-GT-01-00

## Outdoor Camera Box

- IP55 grade outdoor box with integrated switch.
- Ensures dependable and uninterrupted operation in harsh environments.
- Ideal networking solution for:
  - Road monitoring,
  - Forest fire detection,
  - Surveillance applications,
  - Water level monitoring,
  - Forest condition monitoring.



VISU BOX 6100-300	
Function	Full managed L2 Outdoor PoE Switch
The box	Hi-PoE and PoE+ 8-port industrial Gigabit Ethernet switch L2 with additional 2 x FE/GbE SFP port
Ports (RJ45)	8 x 10/100/1000 Base-T
Ports (SFP)	2 x 1000 FX/Gbit SFP
PoE Power per Port	90 W Port 1 & 2, 30 W Port 3 ... 8
Console Port	Serial Port (RJ45: 38, 400)
Power supply	300 W
Order no.	SA-6100-300-00

# Functional Safety Modules

## TÜV Certified Safety Modules

Safety modules monitor the function of connected safety sensors as well as the wiring and work as power amplifiers to safely switch off connected contactors or drives in industrial automation. SALZ Automation offers various safety relays, safe coupling relays as well as expansion modules to realize such safety-related applications in mechanical engineering and the process industry.

From emergency stop and safety gate monitoring to two-hand applications, all of our safety modules meet the requirements of the respective standards and have been tested and certified by independent testing institutes such as TÜV Rheinland.

- High-quality products designed and produced in Germany.
- Tested and certified by TÜV Rheinland.
- Compact product design for more space in the control cabinet.
- Quick commissioning due to pluggable screw connection.
- Up to 7 safe output contacts available.
- Approved up to SIL3 and PL e.
- Designed for machine building and process industry applications.
- Slim Standard Width 22,5 mm.

For more information about our Functional Safety Modules, please visit our website:

[www.salz-automation.com/en/Safety\\_Modules](http://www.salz-automation.com/en/Safety_Modules)



	SAFE-ESTOP	SAFE-DELAY	SAFE-DELAY-10S	SAFE-DELAY-3S
Application	E-stop buttons, safety door switches, light curtain OSSD monitoring	E-stop buttons, safety door switches, light curtain OSSD monitoring	E-stop buttons, safety door switches, light curtain OSSD monitoring	E-stop buttons, safety door switches, light curtain OSSD monitoring
Start	Automatic and Manual	Automatic and Manual	Automatic and Manual	Automatic and Manual
Input	1 or 2 channels	1 or 2 channels	1 or 2 channels	1 or 2 channels
Safe Contacts (non-delayed)	3 N/O	2 N/O	2 N/O	2 N/O
Safe Contacts (time-off delayed)		2 N/O – 30 sec adjustable	2 N/O – 10 sec fixed	2 N/O – 3 sec fixed
Switching Voltage	250 V AC	250 V AC	250 V AC	250 V AC
In Compliance With	PL e, Category 4 (EN ISO 13849-1), SIL CL 3 (EN 62061 / IEC 61508)	PL e, Category 4 (EN ISO 13849-1)	PL e, Category 4 (EN ISO 13849-1)	PL e, Category 4 (EN ISO 13849-1)
Order no.	SA-SAFE-ES-01-00	SA-SAFE-DL-01-00	SA-SAFE010S-DL-01-00	SA-SAFE03S-DL-01-00



	SAFE-SIL	SAFE-EXP	SAFE-TWO-HAND
Application	Coupling safe DCS outputs and contact expansion module	Contact expansion module with 5 safe relay contacts and 1 feedback contact	Two-hand monitoring up to SIL3 and Type IIIC
Start	Automatic	Automatic and Manual	Automatic
Input		1 channel	
Safe Contacts (non-delayed)	3 N/O	5 N/O	2 N/O
Auxiliary Contacts (non-delayed)	1 N/C	1 N/C	
Switching Voltage	250 V AC	250 V AC	250 V AC
In Compliance With	PL e (EN 62061 / EN 61508 / EN ISO 13849)	PL e, Category 4 (EN ISO 13849-1), SIL CL 3 (EN 62061 / IEC 61508)	PL e (EN 62061 / EN 61508 / EN ISO 13849)
Order no.	SA-SAFE-SL-01-00	SA-SAFE-EX-50-00	SA-SAFE-TH-01-00

# Industrial Power Supplies

- High-quality products designed in Germany.
- Lifetime compared to other power supplies more than ten times longer.
- Compact full metal housings for maximum robustness.
- Wide temperature range for continuous operation in industrial environment.
- Power supplies ensure systems receive correct voltage, current, and frequency for optimal performance.
- They can step voltage up or down, convert AC to DC, and regulate power for smooth output.
- Designed for industries like mechanical and plant engineering, building automation, shipbuilding, and process technology.
- Eco series offers single-phase AC power supplies from 75 W to 960 W.
- Each unit has a compact, full-metal enclosure for robustness and reliability.
- Designed for continuous operation across a wide temperature range.
- Service life is more than ten times longer than conventional power supplies.
- Every unit includes a QR code for instant access to documentation.
- A variety of modules and features are available to choose from for specific needs.



## Your advantages:

- High-quality products.
- Lifetime compared to other power supplies more than ten times longer.
- Compact full metal housings for maximum robustness.
- Wide temperature range for continuous operation in industrial environments.
- QR codes available on products for handy document availability.

For more information on our Industrial Relays, please visit our website:

[www.salz-automation.com/en/Power\\_Supplies](http://www.salz-automation.com/en/Power_Supplies)

## Overview Power Supplies



	POWER 1AC 12-6 ECO	POWER 1AC 24-3 ECO	POWER 1AC 12- 10 ECO	POWER 1AC 24-5 ECO
Phase	1	1	1	1
Input Voltage	100 ... 240 V AC	100 ... 240 V AC	100 ... 240 V AC	100 ... 240 V AC
Output Voltage	12 V DC / 6.3 A	24 V DC / 3.2 A	12 V DC / 10 A	24 V DC / 5 A
Output Current	75 W	76.8 W	120 W	120 W
Power Boost	150% for 5 sec.	150% for 5 sec.	150% for 5 sec.	150% for 5 sec.
Order no.	SA-PE1A-12-06-00	SA-PE1A-24-03-00	SA-PE1A-12-10-00	SA-PE1A-24-05-00



	POWER 1AC 24- 10 ECO	POWER 1AC 24- 20 ECO	POWER 1AC 48- 10 ECO
Phase	1	1	1
Input Voltage	100 ... 240 V AC	100 ... 240 V AC	100 ... 240 V AC
Output Voltage	24 V DC / 10 A	24 V DC / 20 A	48 V DC / 10 A
Output Current	240 W	480 W	480 W
Power Boost	150% for 5 Sec.	150% for 5 Sec.	150% for 5 Sec.
Order no.	SA-PE1A-24-10-00	SA-PE1A-24-20-00	SA-PE1A-48-10-00

## Electronic Circuit Breaker

- 4-channel electronic circuit breaker for managing current distribution in 24 V DC systems.
- Adjustable output current per channel: 1 to 10 A.
- Ensures safe and smooth operation of connected systems.
- Integrated circuit breaker functionality for reliable protection.
- Includes a normally open (n/o) contact.
- Remote reset function for fast recovery after tripping.



	ECB 4C D24/1-10A NO-R
Nominal Current	1-10 A DC (adjustable per output channel)
Overvoltage Switch-off	≥30 V DC
Undervoltage Switch-off	≤18 V DC
Shutdown Time	0.01s(> 1.5I(n)), 2s (1.3...1.5I(n)), 30s (1.1...1.3 I(n)) {I(n) = Rated Current}
Nominal Operating Voltage	24 VDC
Max. switching current	1000A
Ambient Temperature (operating)	-25 ... 70°C
Remote On/Off (RC)	N/O Contact (13/14)
Remote Reset/ Disconnection Input Voltage	12 ... 30 V DC
MTBF (IEC61709, SN 29500) at 25°C	1,000,000 h
Surge Protection	GB/T 17626.5 Class II
Certifications	CE: EN 61000-6-2, EN 61000-2-3
Order no.	SA-ECB-4C-D24-10-NO-R

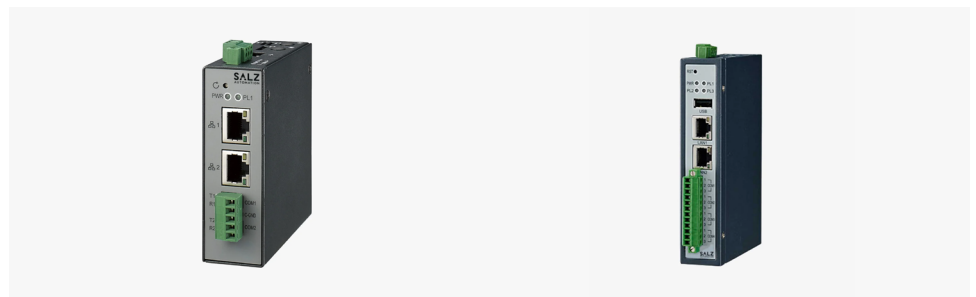
# IoT Gateways

- Serve as intermediaries between IoT devices and the edge or cloud.
- Address key challenges:
  - Data processing,
  - Latency,
  - Security,
  - Protocol translation.
- Handle local data processing to reduce reliance on cloud transmission.
- Minimize latency and improve security through local device communication management.

For more information about our IoT Gateways, please visit our website:

[https://www.salz-automation.com/en/Edge\\_Devices](https://www.salz-automation.com/en/Edge_Devices)

## Overview IoT Gateways



	IoT Gateway Lite-105	IoT Gateway Pro-125
Processor	TI Cortex A8, 600 MHz	TI Cortex A9, 600 MHz
Storage	512 MB NAND on board	16 GB eMMC on board
Memory	DDR3L 256 MB RAM	DDR3L 2 GB RAM
OS Support	Yocto	Yocto
Ports	2 x 10/100 Base-T Ethernet (RJ45) 1 x USB ports (USB 2.0 compliant)	2 x 10/100 Base-T Ethernet (RJ45) 1 x USB ports (USB 2.0 compliant)
Input Voltage Range DC	10 ... 30 V	10 ... 30 V
Power Consumption (max.)	1.2 W @ 24 V DC	3.12 W @ 24 V DC
Ambient Temperature (operating)	-40 °C ... 70 °C	-40 °C ... 70 °C
Order no.	SA-ECU-1051TL-R10ABU	SA-ECU-1251TL-R23AA

# Industrial Relays

- Fähigkeit zur Handhabung hoher Stromlasten bei schweren Industrieanlagen und Maschinen ermöglicht einen zuverlässigen und effizienten Betrieb
- Kompakte Bauform und ein schlankes Design sparen wertvollen Einbauraum
- LED-Statusanzeigen, optionale mechanische Anzeigen und Testtasten verbessern die Benutzerfreundlichkeit und vereinfachen die Fehlersuche und Wartungsarbeiten
- Die Einhaltung internationaler Normen wie CE, RoHS, UL und TÜV macht diese Relais zu zuverlässigen und vertrauenswürdigen Komponenten
- Modelle mit Schnallen und anderen Befestigungselementen sorgen für eine solide und sichere Befestigung
- Leitende Platten aus Messing - oder auch vergoldet - sorgen für zuverlässige elektrische Verbindungen
- Verfügbarkeit von optionalen Zusatzmodulen und Zubehör für die Anpassung an spezifische industrielle Anforderungen
- Alle Relais-Serien werden vollautomatisch gefertigt, sodass für jedes Gerät eine gleichbleibende Qualität und Zuverlässigkeit gewährleistet werden kann.



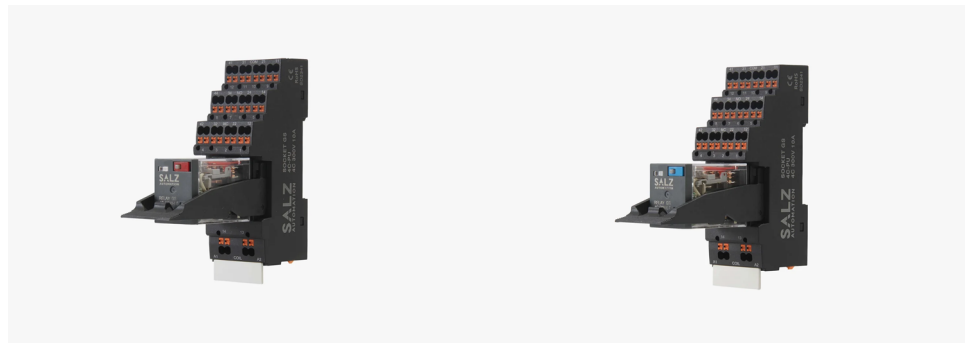
## Industrial Relay GS Series

- Space-efficient design (26 mm to 31.5 mm).
- Capable of handling high electrical loads effectively.
- Increased visibility into the relay's status and simplified troubleshooting.
- Ensures low contact resistance, even at high DC voltages.
- Adheres to industry standards like CE, RoHS for safety and environmental regulations.
- Available as a relay kit with a single relay and socket with screw or push-in connection technology.



For more information on our Industrial Relays, please visit our website:  
[www.salz-automation.com/en/Industrial\\_relays](http://www.salz-automation.com/en/Industrial_relays)

## Industrial GS Relay Kits



	RELAY GS 4C-A230-LT-KIT	RELAY GS 4C-D24-LT-KIT
Contact form	4 changeover contacts	4 changeover contacts
Control voltage	230 V AC	24 V DC
Contact load	5 A	5 A
Maximum switching capacity	1250 VA / 150 W	1250 VA / 150 W
Rated resistive load	5A – 250 V AC	5A – 30 V DC
Ambient Temperature (operating)	-40 °C ... 70 °C	-40 °C ... 70 °C
Rated Voltage	300 V	300 V
Rated Current	10 A	10 A
External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S
Order no.	SA-GS4C-A230-T-PM	SA-GS4C-D24-T-PM

## Industrial GS Relay Units

Relay units with mechanical indicator windows and test buttons:



	RELAY GS 2 AC LT	RELAY GS 2 DC LT	RELAY GS 4 AC LT	RELAY GS 4 DC LT
Contact form	2 changeover contacts	2 changeover contacts	4 changeover contacts	4 changeover contacts
Maximum switching capacity	1250 VA / 150 W	1250 VA / 150 W	1250 VA / 150 W	1250 VA / 150 W
Rated resistive load	5 A – 250 V AC	5 A – 30 V DC	5 A – 250 V AC	5 A – 30 V DC
Control voltage		12/24/48/110/ 220 V DC		12/24/48/110/ 220 V DC
LED	✓	✓	✓	✓
Indicator window	✓	✓	✓	✓
Test button	✓	✓	✓	✓
Order no.	SA-GS2C-A...T	SA-GS2C-D...T	SA-GS4C-A...T	SA-GS4C-D...T

Relay units without mechanical indicator windows and test buttons:



	RELAY GS 2 AC	RELAY GS 2 DC	RELAY GS 4 AC	RELAY GS 4 DC
Contact form	2 changeover contacts	2 changeover contacts	4 changeover contacts	4 changeover contacts
Maximum switching capacity	1250 VA / 150 W	1250 VA / 150 W	1250 VA / 150 W	1250 VA / 150 W
Rated resistive load	5 A – 250 V AC	5 A – 30 V DC	5 A – 250 V AC	5 A – 30 V DC
Control voltage		12/24/48/110/ 220 V DC		12/24/48/110/ 220 V DC
LED	✓	✓	✓	✓
Indicator window	x	x	x	x
Test button	x	x	x	x
Order no.	SA-GS2C-A...	SA-GS2C-D...-FP	SA-GS4C-A...-T	SA-GS4C-D...-FP

## Industrial GS Relay Sockets



	Socket GS 2C Screw	Socket GS 4C Screw
Contact form	2 changeover contacts	4 changeover contacts
Ambient Temperature (operating)	-40 °C ... 70 °C	-40 °C ... 70 °C
Rated Voltage	300 V	300 V
Rated Current	12 A	10 A
External connection wire	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2000 V/S	2000 V/S
Connection Technology	Screw	Screw
Order no.	SA-GS2C-SOCK-E	SA-GS4C-SOCK-E

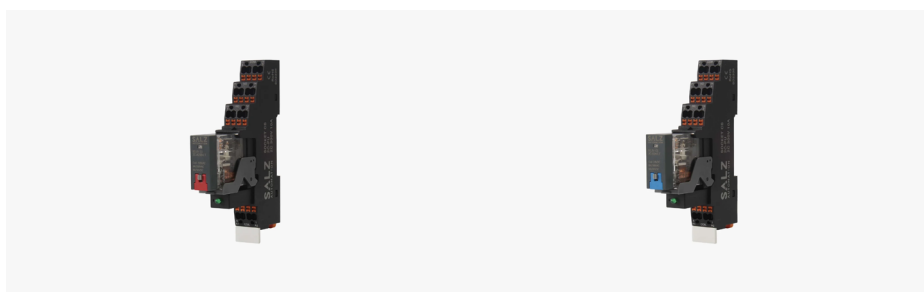


	Socket GS 2C Push-In	Socket GS 4C Push-In
Contact form	2 changeover contacts	4 changeover contacts
Ambient Temperature (operating)	-40 °C ... 85 °C	-40 °C ... 85 °C
Rated Voltage	300 V	300 V
Rated Current	12 A	10 A
External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S
Connection Technology	Push-in	Push-in
Order no.	SA-CP2C-SOCK-P	SA-GS4C-SOCK-P

## Industrial Relay CS Series

- Easy and convenient plug-in installation.
- Increased visibility into the relay's status and simplified troubleshooting.
- Silver alloy contact material (gold-plated options also available).
- Weighing approximately 18 grams (single relay), hence space-efficient and easy to handle.
- Complies with CE, RoHS, UL, and TUV certifications for safety and environmental regulation.
- Available as a relay kit with a single relay and socket with screw or push-in connection technology.

## Industrial CS Relay Kits



	RELAY CS 2C-A230-LT-KIT	RELAY CS 2C-D24-LT-KIT
Contact form	2 changeover contacts	2 changeover contacts
Control voltage	230 V AC	24 V DC
Contact load	8 A	8 A
Maximum switching capacity	2000 V A / 2400 W	2000 V A / 2400 W
Rated resistive load	8A – 250 V AC	8A – 30 V DC
Ambient Temperature (operating)	-40 °C ... 55 °C	-40 °C ... 55 °C
Rated Voltage	300 V	300 V
Rated Current	10 A	10 A
External connection wire	20 ... 16 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S
Connection Technology	Push-in	Push-in
Order no.	SA-CS2C-A230-T-PM	SA-CS2C-D24-T-PM

## Industrial CS Relay Units

Relay units with mechanical indicator windows and test buttons:



	RELAY CS 1 AC LT	RELAY CS 1 DC LT	RELAY CS 2 AC LT	RELAY CS 2 DC LT
Contact form	1 changeover contact	1 changeover contact	2 changeover contacts	2 changeover contacts
Maximum switching capacity	3000 VA / 360 W	3000 VA / 360 W	2000 VA / 2400 W	2000 VA / 2400 W
Rated resistive load	12 A – 250 V AC	12 A – 30 V DC	8 A – 250 V AC	8 A – 30 V DC
Control voltage	24/48/110/230 V AC	12/24/48/110 V DC	24/48/110/230 V AC	12/24/48/110 V DC
LED	✓	✓	✓	✓
Indicator window	✓	✓	✓	✓
Test button	✓	✓	✓	✓
Order no.	SA-CS1C-A...-T	SA-CS1C-D...-T	SA-CS2C-A...-T	SA-CS2C-D...-T

Relay units without mechanical indicator windows and test buttons:



	RELAY CS 1 AC	RELAY CS 1 DC	RELAY CS 2 AC	RELAY CS 2 DC
Contact form	1 changeover contact	1 changeover contact	2 changeover contacts	2 changeover contacts
Maximum switching capacity	3000 VA / 360 W	3000 VA / 360 W	2000 VA / 2400 W	2000 VA / 2400 W
Rated resistive load	12 A – 250 V AC	12A – 30 V DC	8 A – 250 V AC	8 A – 30 V DC
Control voltage	24/48/110/230 V AC	12/24/48/110 V DC	24/48/110/230 V AC	12/24/48/110 V DC
LED	✓	✓	✓	✓
Indicator window	x	x	x	x
Test button	x	x	x	x
Order no.	SA-CS1C-A...	SA-CS1C-D...	SA-CS2C-A...	SA-CS2C-D...

## Industrial Solid State Relay Units

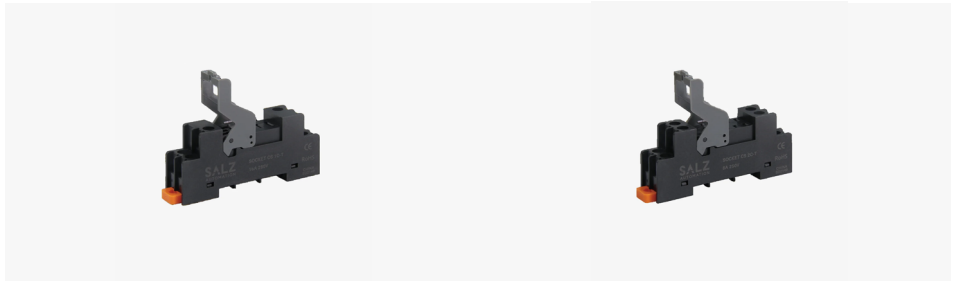


	Relay SSR CS1C D32-D200-4	Relay SSR CS1C D32-D200-5
Contact form	1 changeover contact	1 changeover contact
Maximum switching capacity	800 VA	800 VA
Rated resistive load	4 A / 12 ... 200 V AC	5 A / 12 ... 200 V AC
Control voltage	5 ... 32 V DC	5 ... 32 V DC
LED	x	x
Indicator window	x	x
Test button	x	x
Order no.	SSR OCRX D32-D200-4	SSR OCRX D32-D200-5

## Industrial CS Relay Sockets



	Socket CS 1C Push-In	Socket CS 2C Push-In
Contact form	1 changeover contact	2 changeover contacts
Ambient Temperature (operating)	-40 °C ... 85 °C	-40 °C ... 85 °C
Rated Voltage	300 V	300 V
Rated Current	16 A	10 A
External connection wire	20 ... 16 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S
Connection Technology	Push-in	Push-in
Order no.	SA-CS1C-SOCK-P	SA-CS2C-SOCK-P



	Socket CS 1C Screw	Socket CS 2C Screw
Contact form	1 changeover contact	2 changeover contacts
Ambient Temperature (operating)	40 °C ... 85 °C	40 °C ... 85 °C
Rated Voltage	250 V	250 V
Rated Current	16 A	8 A
External connection wire	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	3000 V/S	3000 V/S
Connection Technology	Screw	Screw
Order no.	SA-CS1C-SOCK-E	SA-CS2C-SOCK-E

## Industrial Relay CP Series

- Rated currents of up to 16 A with 1 change-over contact
- Can be installed directly on the socket or soldered to the socket using an adapter on PCB board
- Silver alloy contact material (gold-plated options also available)
- Weighing approximately 20 grams (single relay), hence space-efficient and easy to handle
- Complies with CE, RoHS, and UL certifications for safety and environmental regulations
- Available as a relay kit with a single relay and socket with screw or push-in connection technology.

## Industrial CP Relay Kits



	RELAY CP 1C-AC-KIT	RELAY CP 1C-DC-KIT	RELAY CP 2C-AC-KIT	RELAY CP 2C-DC-KIT
Contact form	1 changeover contact	1 changeover contact	2 changeover contacts	2 changeover contacts
Control voltage	230 V AC	24 V DC	230 V AC	24 V DC
Contact load	16 A	16 A	10 A	10 A
Maximum switching capacity	4000 VA / 480 W	4000 VA / 480 W	2500 VA / 300 W	2500 VA / 300 W
Rated resistive load	16A - 250 V AC	16A – 30 V DC	10A – 250 V AC	10A – 30 V DC
Ambient Temperature (operating)	-40 °C ... 70 °C	-40 °C ... 70 °C	-40 °C ... 70 °C	-40 °C ... 70 °C
Rated Voltage	300 V	300 V	300 V	300 V
Rated Current	16 A	16 A	16 A	16 A
External connection wire	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>	20 ... 14 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics with-stand voltage (Intercontact)	2500 V/S	2500 V/S	2500 V/S	2500 V/S
Dielectrics with-stand voltage (coil-contact)	4000 V/S	4000 V/S	4000 V/S	4000 V/S
Connection Technology	Push-in	Push-in	Push-in	Push-in
Order no.	SA-CP1C-A....-PM	SA-CP1C-D....-PM	SA-CP2C-A....-PM	SA-CP2C-D....-PM

## Industrial CP Relay Units



	RELAY CP 1 AC	RELAY CP 1 DC	RELAY CP 2 AC	RELAY CP 2 DC
Contact form	1 changeover contact	1 changeover contact	2 changeover contacts	2 changeover contacts
Maximum switching capacity	2500 VA / 300 W	2500 VA / 300 W	2500 VA / 300 W	2500 VA / 300 W
Rated resistive load	16A – 250 V AC	16A – 30 V DC	10A – 250 V AC	10A – 30 V DC
Control voltage	24/48/110/230 V AC	12/24/48/110 V DC	24/48/110/230 V AC	12/24/48/110 V DC
LED	x	x	x	x
Indicator window	x	x	x	x
Test button	x	x	x	x
Order no.	SA-CP1C-A...	SA-CP1C-D...	SA-CP2C-A...	SA-CP2C-D...

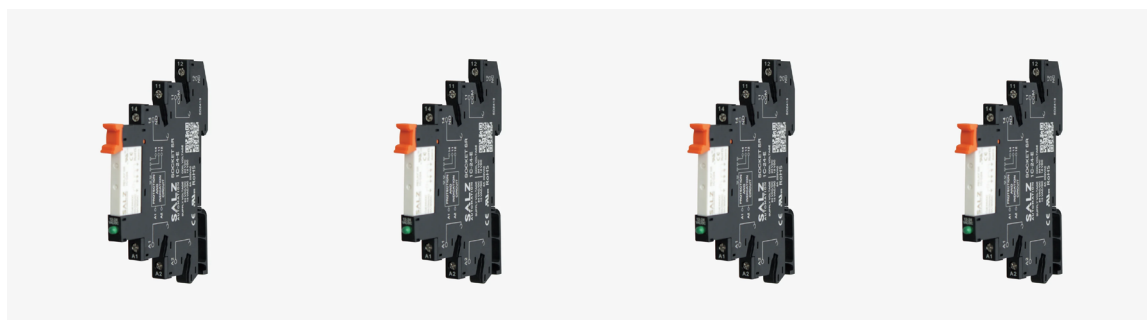
## Industrial CP Relay Sockets



	Socket CP 2C Push-In
Contact form	2 changeover contacts
Ambient Temperature (operating)	-40 °C ... 85 °C
Rated Voltage	300V
Rated Current	16 A
External connection wire	20 ... 16 AWG / 0.5 ... 2.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S
Connection Technology	Push-in
Order no.	SA-CP2C-SOCK-P

## Industrial SR Relay Series

- Remarkably compact width of only 6 mm.
- Designed for a rated load of up to 6 A.
- Convenience of AC/DC universal coil voltage, allowing for flexibility in relay setup.
- Can be installed directly on the socket or soldered to the socket using an adapter on PCB board.
- Complies with CE, RoHS, and UL certifications for safety and environmental regulations.
- Available as a relay kit with a single relay and socket with screw or push-in connection technology.



	RELAY SR 1C-AD24-PU-KIT	RELAY SR 1C-AD24-EU-KIT	RELAY SR 1C-AD110-EU-KIT	RELAY SR 1C-AD230-EU-KIT
Contact form	1 changeover contact	1 changeover contact	1 changeover contact	1 changeover contact
Control voltage	24 V DC / AC	24 V DC / AC	110 V DC / AC	230 V DC / AC
Contact load	6 A	6 A	6 A	6 A
Maximum switching capacity	1500 VA / 180 W	1500 VA / 180 W	1500 VA / 180 W	1500 VA / 180 W
Rated resistive load	6 A – 250 V AC / 30 DC	6 A – 250 V AC / 30 DC	6 A – 250 V AC / 30 DC	6 A – 250 V AC / 30 DC
Ambient Temperature (operating)	-40 °C ... 85 °C	-40 °C ... 85 °C	-40 °C ... 85 °C	-40 °C ... 85 °C
Rated Voltage	250 V	250 V	250 V	250 V
Rated Current	6 A	6 A	6 A	6 A
External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S	4000 V/S	4000 V/S
Push-in	Screw	Screw	Screw	Screw
Order no.	SA-SR1C-U....-PM	SA-SR1C-U....-EM	SA-SR1C-U....-EM	SA-SR1C-U....-EM



### RELAY SSR SR1C-D24-4-PU KIT

Contact form	1 changeover contact
Control voltage	24 V DC
Contact load	4 A
Maximum switching capacity	96 W
Ambient Temperature (operating)	-30 °C ... 80 °C
Rated Voltage	200 V
Rated Current	4 A
External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2000 V/S
Dielectrics withstand voltage (coil-contact)	2500 V/S
Push-in	Push-in
Order no.	SA-SSR-SR1C-D24-4-PM



### RELAY SR 1 D

### RELAY SSR SR1C D24-D24-4

Contact form	1 changeover contact	1 changeover contact
Maximum switching capacity	800 VA / 180 W	96 W
Rated resistive load	6 A – 250 V AC / 30 DC	4 A – 24 V DC
Contact Voltage	12/24/48 V DC	24 V DC
Order no.	SA-SR1C-D...	SA-SSR-SR1C-D24-4

## Industrial SR Relay Sockets



	Socket SR 1C PU	Socket SR 1C EU
Contact form	1 changeover contact	1 changeover contact
Ambient Temperature (operating)	-55 °C ... 85 °C	-55 °C ... 85 °C
Rated Voltage	250 V	250 V
Rated Current	6 A	6 A
External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
Dielectrics withstand voltage (Intercontact)	2500 V/S	2500 V/S
Dielectrics withstand voltage (coil-contact)	4000 V/S	4000 V/S
Connection Technology	Screw	Screw
Order no.	SA-SR1C-SO...-P	SA-SR1C-SO...-E

## Industrial Relay Accessories - Auxiliary Modules

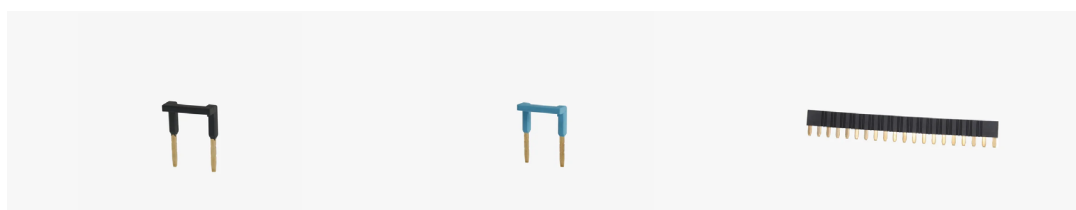
These modules are compatible with:

- Socket GS 4C with a screw connection.
- Socket CS 1C/2C.
- Socket CP 2C with Push-in connection.



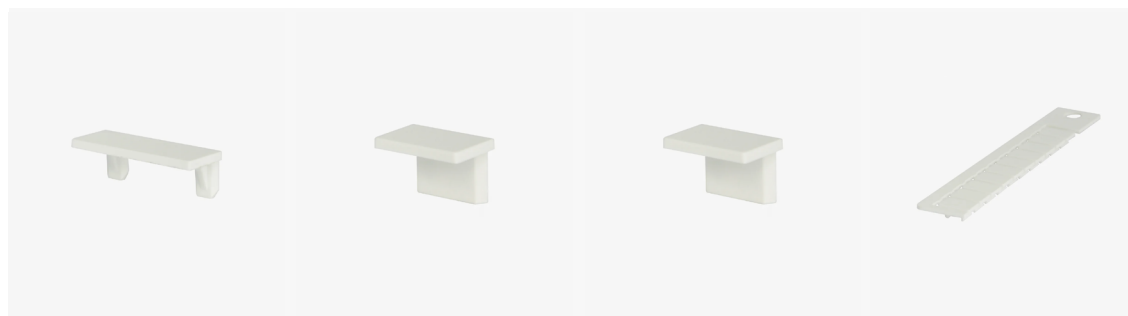
	RELAY AGS MDRC	RELAY AGS MDUL	RELAY AGS MDDL
Contact form	Plug-In	Plug-In	Plug-In
Nominal Operating Voltage	(6~24 V)/(24~60 V)/ (30~230 V) AC ±20 %	(6~24 V)/(24~60 V)/ (30~230 V) AC/DC ±20 %	(6~24 V)/(24~60 V)/ (30~230 V) DC ±20 %
Input Voltage Range AC	(6~24 V)/(24~60 V)/ (30~230 V) AC ±20 %	(6~24 V)/(24~60 V)/ (30~230 V) AC ±20 %	-
Input Voltage Range DC	-	(6~24 V)/(24~60 V)/ (30~230 V) DC ±20 %	(6~24 V)/(24~60 V)/ (30~230 V) DC ±20 %
Auxiliary I/O	RC Filter	Varistor + LED	FWD + LED
Order no.	SA-MDRC-AC...	SA-MDVL-U...	SA-MDFL-DC...

## Industrial Relay Accessories - Bridges



	for CS Relay Series	for CP Relay Series	for SR Relay Series
Adapted socket (Order no.)	SA-CS1C-SOCK-E SA-CS2C-SOCK-E SA-CS1C-SOCK-P SA-CS2C-SOCK-P	SA-CS1C-SOCK-E SA-CS2C-SOCK-E SA-CS1C-SOCK-P SA-CS2C-SOCK-P	SA-SR1C-SO24-E SA-SR1C-SO24-P
Ordering units	2 positions (one socket per position)	2 positions (one socket per position)	20 positions (one socket per position)
MOQ	10	10	10
Colour	black, blue	black, blue	black
Order no.	SA-BRCSCP-02-BK	SA-BRCSCP-02-BU	SA-BRSR-20-BK

## Industrial Relay Accessories - Markers



	for GS Relay Series	for CS Relay Series	for CP Relay Series	for SR Relay Series
Adapted socket (Order no.)	SA-GS2C-SOCK-P SA-GS4C-SOCK-P SA-GS2C-SOCK-E SA-GS4C-SOCK-E	SA-CS1C-SOCK-E SA-CS2C-SOCK-E SA-CS1C-SOCK-P SA-CS2C-SOCK-P	SA-CS1C-SOCK-E SA-CS2C-SOCK-E SA-CS1C-SOCK-P SA-CS2C-SOCK-P	SA-SR1C-SO24-E SA-SR1C-SO24-P
Ordering units	10 positions (one socket per position)	10 positions (one socket per position)	10 positions (one socket per position)	10 positions (one socket per position)
MOQ	50	50	50	50
Order no.	SA-MARKGS-10-WH	SA-MARKCSCP-10-WH	SA-MARKCSCP-10-WH	SA-MARKSR-10-WH

## Industrial Solid State Relays

- SSR OCR solid state relays are switching devices that use semiconductor devices as the core.
- They provide electrical isolation between input and output via optical coupling.
- Control signals are applied at the input terminal.
- The output terminal switches the AC load on or off accordingly.
- Widely used in temperature control equipment, digital control machinery, plastics, food, packaging, textiles, printing, solar energy, and other automation control fields.
- Suitable for resistive and weakly inductive loads.
- Solid state relays (SSRs) available in six different Output current ratings: 10 A, 25 A, 50 A, 75 A, 90 A, 125 A.
- Control voltage range: DC 4–32 V.
- Ein Bild, das Elektronik, Maschine, Kamera enthält.
- KI-generierte Inhalte können fehlerhaft sein. Output voltage range: AC 24–480 V.
- LED input indicator.
- Built-in surge protection.
- Enhanced insulation between the enclosure (including the base plate) and high-voltage circuits.
- Flexible integration into existing systems.
- Weight: 330 g.
- CE certification.
- Compliance standards: IEC/EN 60947-4-3, IEC/EN 62314.



	10 A	25 A	50 A
Output Voltage Range	24~480 V AC	24~480 V AC	24~480 V AC
Rated Load Current	0.15~10 A	1~25 A	1~50 A
Non-Repetitive Peak Current at 25°C	150 A	250 A	500 A
Surge Current (I <sup>2</sup> t, 2 Cycles)	150 A	250 A	500 A
Order no.	SA-SSR-OCR-D32-A480-10-Z	SA-SSR-OCR-D32-A480-25-Z	SA-SSR-OCR-D32-A480-50-Z



	75 A	90 A	125 A
Output Voltage Range	24~480 V AC	24~480 V AC	24~480 V AC
Rated Load Current	1~75 A	1~90 A	1~125 A
Non-Repetitive Peak Current at 25°C	750 A	900 A	1250 A
Surge Current (I <sup>2</sup> t, 2 Cycles)	750 A	900 A	1250 A
Order no.	SA-SSR-OCR-D32-A480-75-Z	SA-SSR-OCR-D32-A480-90-Z	SA-SSR-OCR-D32-A480-125-Z

# Solid State Relays

- Our product range includes solid state relay units available in six different current ratings.
- These relays provide reliable and maintenance-free switching for industrial applications.
- We offer a selection of compatible cooling blocks designed specifically for solid state relays.
- The combination of relays and cooling blocks allows for flexible integration.
- Effective thermal management is ensured even under demanding load conditions.
- This setup optimizes performance and longevity of the solid state relay units.

## SSR-OCR- Units



	RELAY SSR OCR-D32- A480-10A-ZL	RELAY SSR OCR-D32- A480-25A-ZL	RELAY SSR OCR-D32- A480-50A-ZL
Contact form	Input: M4 screw terminal / Output: M5 screw terminal	Input: M4 screw terminal / Output: M5 screw terminal	Input: M4 screw terminal / Output: M5 screw terminal
Input Voltage Range DC	4 ... 32 VDC	4 ... 32 VDC	4 ... 32 VDC
Max. switching current	10A	25A	50A
Ambient Temperature (operating)	-30 °C ... 80 °C	-30 °C ... 80 °C	-30 °C ... 80 °C
Earth Leakage Cur- rent	< 1 mA	< 1 mA	< 1 mA
Protection Rat- ing	IP20	IP20	IP20
In Compliance With	IEC/EN 60947-4-3, IEC/EN 62314	IEC/EN 60947-4-3, IEC/EN 62314	IEC/EN 60947-4-3, IEC/EN 62314
Order no.	SA-SSR-OCR-D32-A480-10-Z	SA-SSR-OCR-D32-A480-25-Z	SA-SSR-OCR-D32-A480-50-Z

## SSR-OCR- Units



	RELAY SSR OCR-D32-A480-75A-ZL	RELAY SSR OCR-D32-A480-90A-ZL	RELAY SSR OCR-D32-A480-125A-ZL
Contact form	Input: M4 screw terminal / Output: M5 screw terminal	Input: M4 screw terminal / Output: M5 screw terminal	Input: M4 screw terminal / Output: M5 screw terminal
Input Voltage Range DC	4 ... 32 VDC	4 ... 32 VDC	4 ... 32 VDC
Max. switching current	75A	90A	125A
Ambient Temperature (operating)	-30 °C ... 80 °C	-30 °C ... 80 °C	-30 °C ... 80 °C
Earth Leakage Current	< 1 mA	< 1 mA	< 1 mA
Protection Rating	IP20	IP20	IP20
In Compliance With	IEC/EN 60947-4-3, IEC/EN 62314	IEC/EN 60947-4-3, IEC/EN 62314	IEC/EN 60947-4-3, IEC/EN 62314
Order no.	SA-SSR-OCR-D32-A480-75-Z	SA-SSR-OCR-D32-A480-90-Z	SA-SSR-OCR-D32-A480-125-Z

## Cooling Blocks/ Heat Sinks



	HEAT SINK SSR-OCR-R1	HEAT SINK SSR-OCR-R2	HEAT SINK SSR-OCR-R3
Housing	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cooling Method	Natural convection	Forced air ( $\geq 1$ m/s)	Forced air ( $\geq 1.5$ m/s)
Connector	2 × M4, 60 mm apart (center to center)	4 × M4, 90 mm apart (center to center)	4 × M4, 112 mm apart (center to center)
Relay Type	SSR OCR D32-A480-10-ZL, SSR OCR D32-A480-25-ZL	SSR OCR D32-A480-50-ZL, SSR OCR D32-A480-75-ZL	SSR OCR D32-A480-90-ZL, SSR OCR D32-A480-125-ZL
Thermal Resistance	2.19°C/W	1.35°C/W	0.48°C/W
Order no.	SA-SSR-OCR-R1	SA-SSR-OCR-R2	SA-SSR-OCR-R3

## SSR-OCRD Relays with Cooling Blocks/ Heat Sinks



	RELAY SSR OCRD-D32-A480-10A-ZL	RELAY SSR OCRD-D32-A480-25A-ZL	RELAY SSR OCRD-D32-A480-50A-ZL
Input Current (typ.)	12mA	12mA	12mA
Output Current	10 A	25 A	50 A
Ambient Temperature (operating)	-30 °C ... 80 °C	-30 °C ... 80 °C	-30 °C ... 80 °C
Insulation resistance	500 MΩ (500VDC)	500 MΩ (500VDC)	500 MΩ (500VDC)
Earth Leakage Current	< 1 mA	< 1 mA	< 1 mA
Order no.	SA-SSR-OCRD-D32-A480-10-Z	SA-SSR-OCRD-D32-A480-25-Z	SA-SSR-OCRD-D32-A480-50-Z

# About Our Company

## Who we are

SALZ Automation is a leading provider of industrial automation and safety solutions, operating in the manufacturing and wholesale sectors. With a strong presence in Germany, the USA, and China, the company specializes in delivering cutting-edge hardware, software, and engineering solutions for industrial automation and functional safety.

Through a collaborative approach and strategic partnerships, we provide tailor-made, high-quality solutions that enhance automation efficiency and safety. Our commitment to innovation, expertise and customer satisfaction ensures that we meet the evolving demands of modern industry.

## Our Business Areas

We deliver custom-build solutions, tailored to your company, your industry, and unique challenges. Our range of services includes:



### Products & Software Solutions -

High-performance hardware and software, including our flagship SALZ Control System.



### Engineering Solutions

From design, cabinet building, and programming to electrical and automation engineering.



### Embedded Development

Expertise in embedded systems for development, support, and cutting-edge solutions.



### Functional Safety

Integration of industry-leading functional safety standards into our products and solutions.

## Team of SALZ Automation

We are a young, dynamic company with flat hierarchies, enabling fast decisions and market entry. Founded by industry experts with over 40 years of automation experience, SALZ Automation strives for a revolutionary, flexible and safe automation system. Our expert team delivers tailored solutions, guided by our #togetherWOW philosophy - fostering collaboration, knowledge sharing and exceptional results.

Learn more on our website: [www.salz-automation.com](http://www.salz-automation.com)

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SALZ Automation, LLC  
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