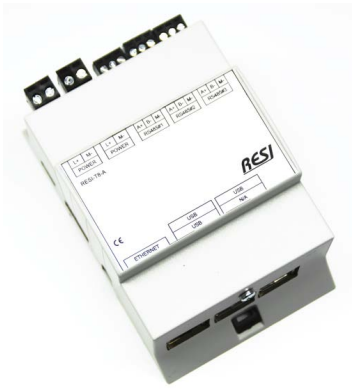
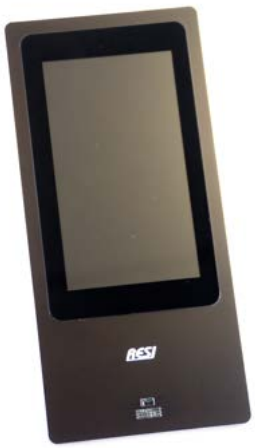
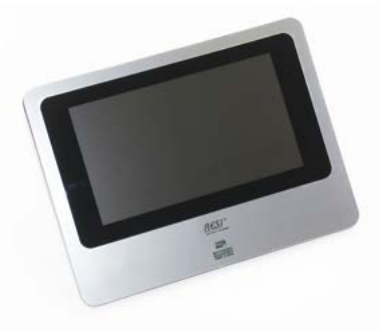
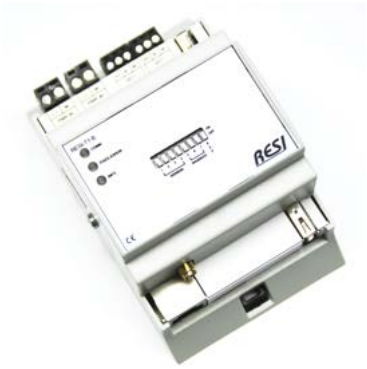
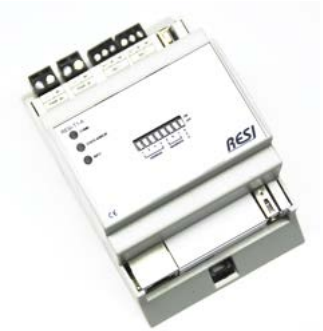






Raspberry© Pi® based

CONTROLLERs

and

TOUCHPANELs

with pure LINUX or CODESYS® IEC1131 runtime

RESI Informatik & Automation GmbH, Altenmarkt 29, A-8551 Wies, AUSTRIA
www.RESI.cc, sales@RESI.cc, Phone: +43-316-262062-0, Fax: +43-316-262062-66

WHY RASPBERRY© PI®?

No product in the last years changed markets so dramatically like the Raspberry© Pi®.

We truly believe that this computer will play a strong part in future industrial automation, building automation or IoT solutions.

And for that markets we developed industrial grade products based on the Rasperry© Pi® product range.

Realize your own ideas with our powerful series of controllers and touch panels based on the Raspberry© Pi® platform.

Create your own solutions on our versions with pure LINUX.

Write industrial PLC software with our IEC 1131 based CODESYS® controllers and touch panels.

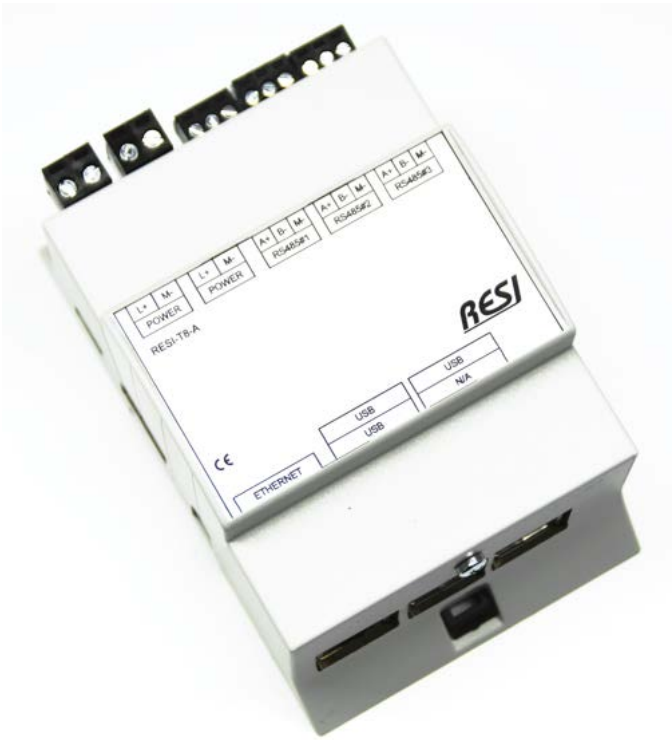
Use our controllers with integrated UMTS or LTE-M1 modems for your own IoT CLOUD solutions.

Raspberry© Pi® RESI-T8-x LINUX controller

POWERFUL LINUX CONTROLLERS

Industrial grade Raspberry© Pi® 3 Model B+ based controllers with 3 serial interfaces (RS232 or RS485), a 12..48Vdc power supply and an integrated buffered real time clock.

Ideal basis for your own applications based on LINUX.



RESI-T8-A
- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- Integrated real time clock
- 12..48Vdc power supply
- 3xRS485

RESI-T8-B
- like RESI-T8-A, but
- 1xRS232 and 2xRS485

RESI-T8-C
- like RESI-T8-A, but
- 2xRS232 and 1xRS485

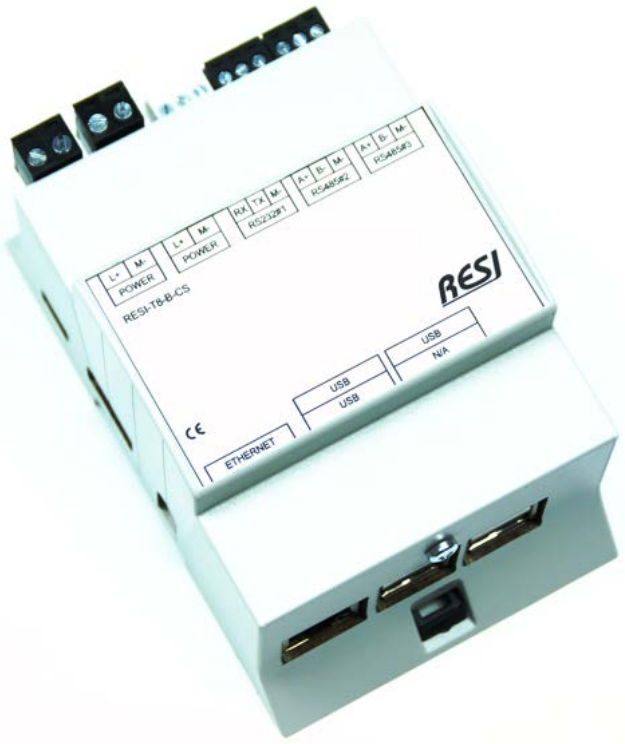
RESI-T8-D
- like RESI-T8-A, but
- 3xRS232

Raspberry© Pi® RESI-T8-x CODESYS® controller

POWERFUL CODESYS® IEC1131 CONTROLLERS

Industrial grade Raspberry© Pi® 3 Model B+ based controllers with 3 serial interfaces (RS232 or RS485), a 12..48Vdc power supply and an integrated buffered real time clock.

Preinstalled CODESYS® run-time license (Single Core or Multi Core) to start directly with the IEC 1131 programming on the device.



RESI-T8-A-CS
- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- Integrated real time clock
- 12..48Vdc power supply
- 3xRS485
- CODESYS® single core run-time preinstalled

RESI-T8-B-CS
- like RESI-T8-A, but
- 1xRS232 and 2xRS485

RESI-T8-C-CS
- like RESI-T8-A, but
- 2xRS232 and 1xRS485

RESI-T8-D-CS
- like RESI-T8-A, but
- 3xRS232

RESI-T8-x-CM
- like RESI-T8-x-CS, but with CODESYS® multi core run-time preinstalled

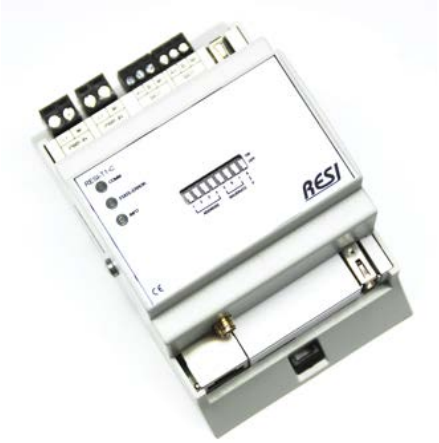
Raspberry© Pi® RESI-T1-x LINUX controller

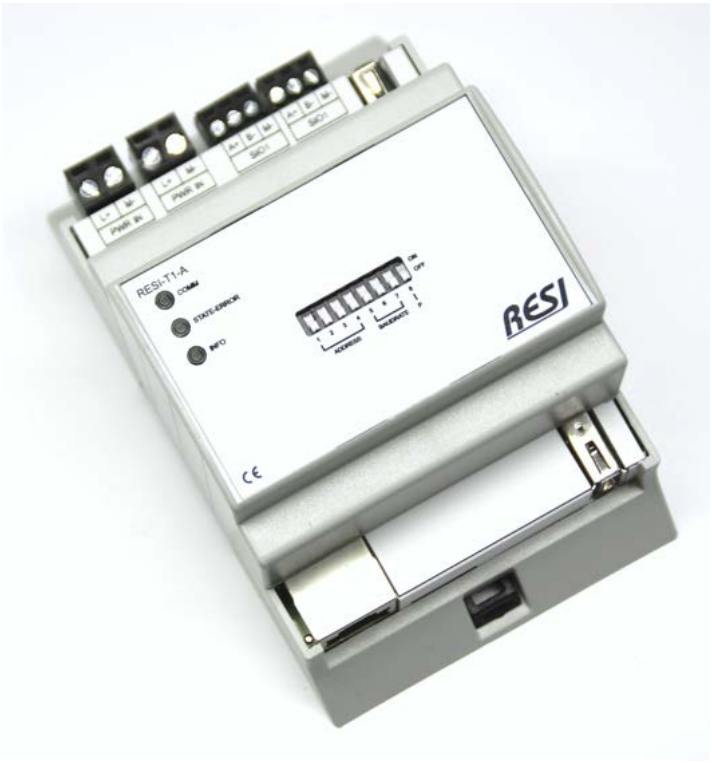
POWERFUL LINUX CONTROLLERS

Industrial grade Raspberry© Pi® Compute Module 3+ based controller with 1 serial interfaces (RS485), a 12..48Vdc power supply and an integrated buffered real time clock.

Versions with integrated UMTS or LTE-M1 modem allow direct communication with CLOUD.

Ideal basis for your own applications based on LINUX.





RESI-T1-A
- Raspberry© Pi® Compute Module 3+ based
- 32GB FLASH with RASPIAN® LINUX
- 2xUSB2.0
- integrated DIP switch for system settings
- 3 status LEDs for user info
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS485

RESI-T1-B
- like RESI-T1-A but with
- integrated LTE-M1 modem

RESI-T1-C
- like RESI-T1-A but with
- integrated UMTS modem

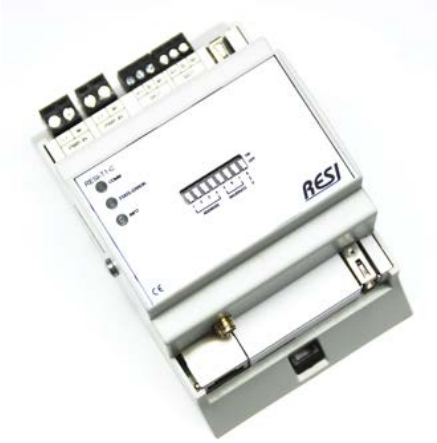
Raspberry© Pi® RESI-T1-x CODESYS® controller

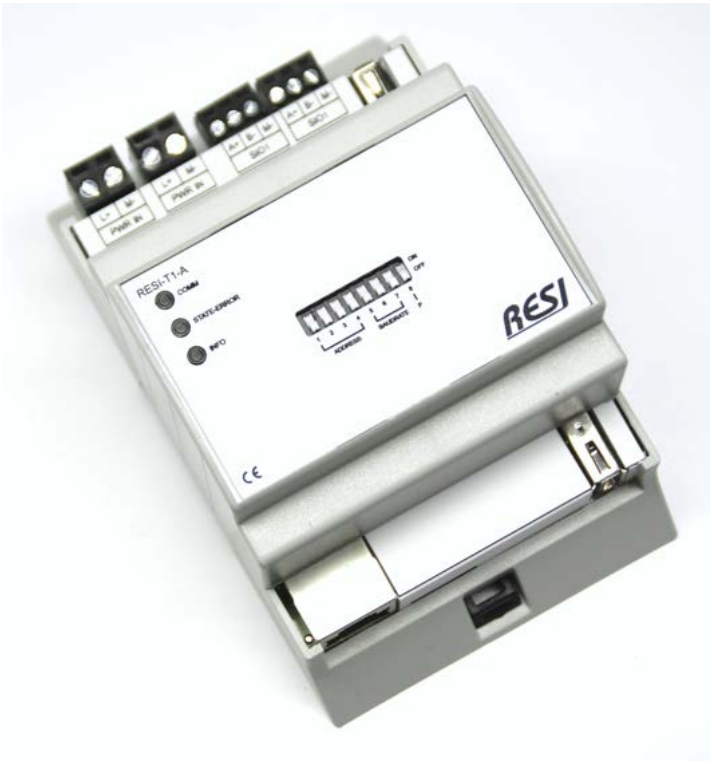
POWERFUL CODESYS® IEC1131 CONTROLLERS

Industrial grade Raspberry© Pi® Compute Module 3+ based controller with 1 serial interfaces (RS485), a 12..48Vdc power supply and an integrated buffered real time clock.

Versions with integrated UMTS or LTE-M1 modem allow direct communication with CLOUD.

Preinstalled CODESYS® runtime license (Single Core or Multi Core) to start directly with the IEC 1131 programming on the device.





RESI-T1-A-CS
- Raspberry© Pi® Compute Module 3+ based
- 32GB FLASH with RASPIAN® LINUX
- 2xUSB2.0
- integrated DIP switch for system settings
- 3 status LEDs for user info
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS485
- CODESYS® single core run-time preinstalled

RESI-T1-B-CS
- like RESI-T1-A but with
- integrated LTE-M1 modem

RESI-T1-C-CS
- like RESI-T1-A but with
- integrated UMTS modem

RESI-T1-x-CM
- like RESI-T1-x-CS, but with CODESYS® multi core run-time preinstalled

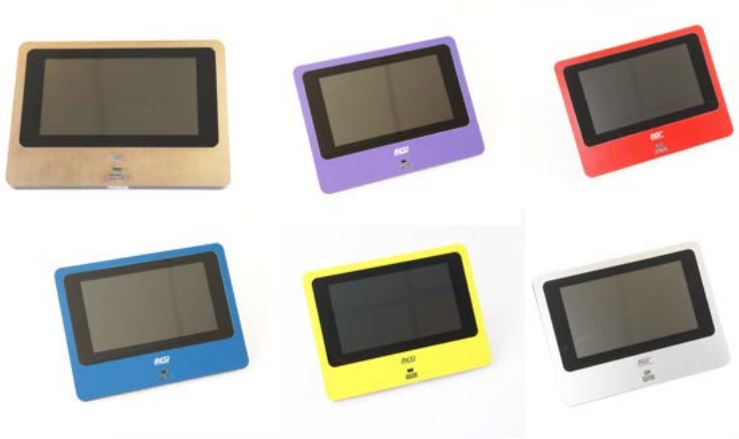
Raspberry© Pi® RESI-V7H-x LINUX touch panel

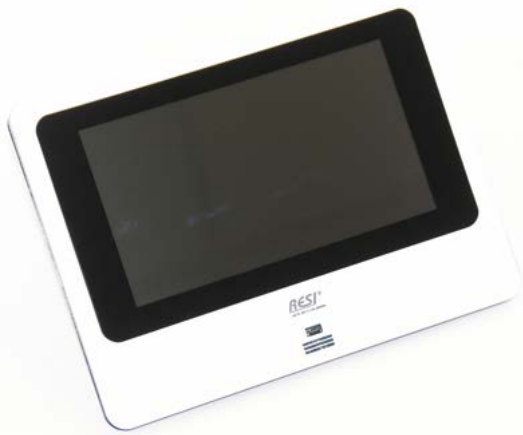
POWERFUL LINUX TOUCH PANELS

Industrial grade Raspberry© Pi® 3 Model B+ based touch panel with 7" touchpanel (800x480) and 1xRS232, a 12..48Vdc power supply, an integrated buffered real time clock, and a integrated temperature and proximity sensor.

We offer various designs and materials of the front plate and individual logo engraving.

Ideal basis for your own applications based on LINUX.





RESI-V7H-A
- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- 7" touch panel 800x480
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS232
- Integrated proximity and temperature sensor

RESI-V7H-B
- like RESI-V7H-A, but
- No sensors

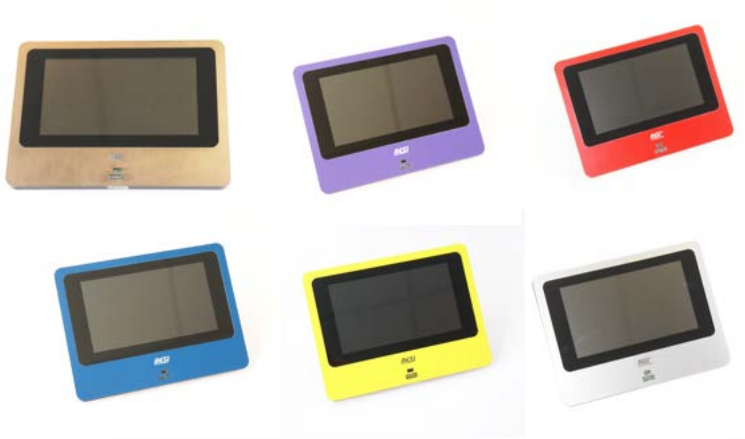
Raspberry© Pi® RESI-V7H-x CODESYS® touch panel

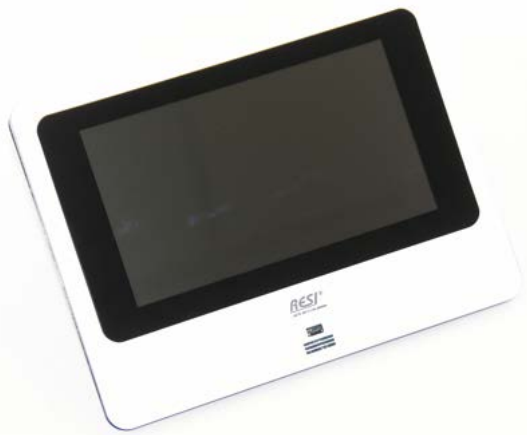
POWERFUL CODESYS® IEC1131 TOUCH PANELS

Industrial grade Raspberry© Pi® 3 Model B+ based touch panel with 7" touchpanel (800x480) and 1xRS232, a 12..48Vdc power supply, an integrated buffered real time clock, and a integrated temperature and proximity sensor.

We offer various designs and materials of the front plate and individual logo engraving.

Preinstalled CODESYS® runtime license (Single Core or Multi Core) to start directly with the IEC 1131 programming on the device.





RESI-V7H-A-CS
- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- 7" touch panel 800x480
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS232
- Integrated proximity and temperature sensor
- CODESYS® single core run-time preinstalled

RESI-V7H-B-CS
- like RESI-V7H-A, but
- No sensors

RESI-V7H-x-CM
- like RESI-V7H-x-CS, but with CODESYS® multi core run-time preinstalled

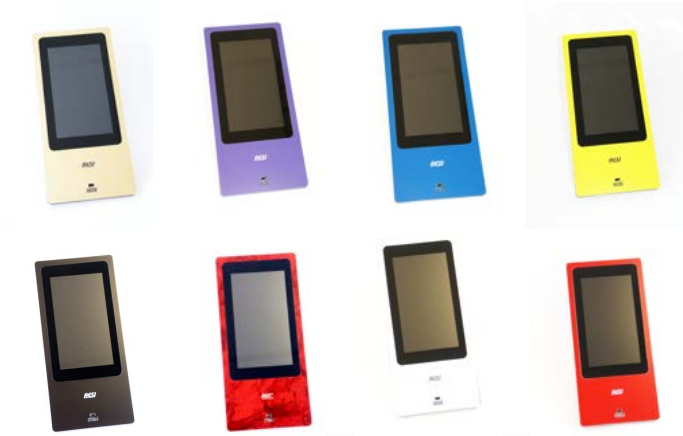
Raspberry© Pi® RESI-V7V-x LINUX touch panel

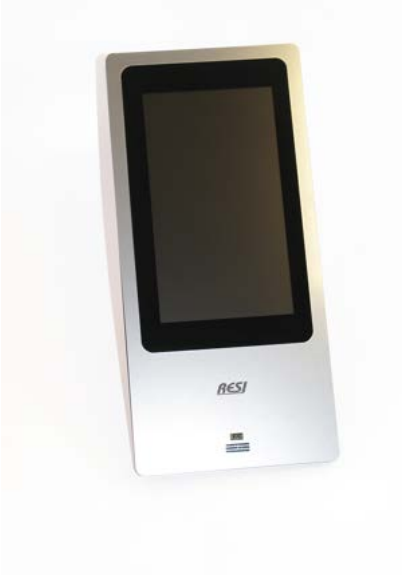
POWERFUL LINUX TOUCH PANELS

Industrial grade Raspberry© Pi® 3 Model B+ based touch panel with 7" touchpanel (800x480) and 1xRS232, a 12..48Vdc power supply, an integrated buffered real time clock, and a integrated temperature and proximity sensor.

We offer various designs and materials of the front plate and individual logo engraving.

Ideal basis for your own applications based on LINUX.





RESI-V7V-A

- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- 7" touch panel 800x480
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS232
- Integrated proximity and temperature sensor

RESI-V7V-B

- like RESI-V7V-A, but
- No sensors

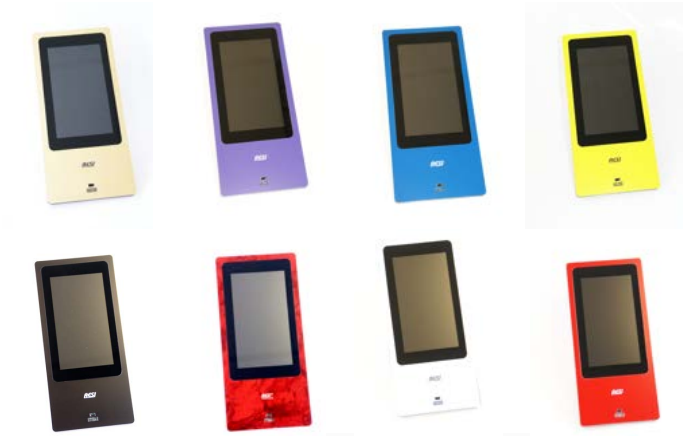
Raspberry© Pi® RESI-V7V-x CODESYS® touch panel

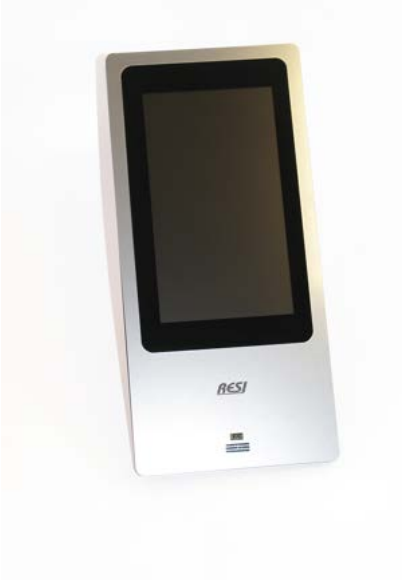
POWERFUL CODESYS® IEC1131 TOUCH PANELS

Industrial grade Raspberry© Pi® 3 Model B+ based touch panel with 7" touchpanel (800x480) and 1xRS232, a 12..48Vdc power supply, an integrated buffered real time clock, and a integrated temperature and proximity sensor.

We offer various designs and materials of the front plate and individual logo engraving.

Preinstalled CODESYS® runtime license (Single Core or Multi Core) to start directly with the IEC 1131 programming on the device.





RESI-V7V-A-CS
- Raspberry© Pi® 3 Model B+ based
- SD CARD with RASPIAN® LINUX
- 3xUSB2.0
- 7" touch panel 800x480
- Integrated real time clock
- 12..48Vdc power supply
- 1xRS232
- Integrated proximity and temperature sensor
- CODESYS® single core run-time preinstalled

RESI-V7V-B-CS
- like RESI-V7H-A, but
- No sensors

RESI-V7V-x-CM
- like RESI-V7H-x-CS, but with CODESYS® multi core run-time preinstalled