

Integrated HMI & PLC

ALL IN ONE



762 Series PERSPECTO® Control Panel with Target Visualization (CP TV) eliminates the need for separate PLC and HMI hardware/software by combining the HMI and PLC into one package. Programmed with a single programming tool, WAGO-I/O-PRO, this all-in-one system features extensive communication interface ports, tight integration with the WAGO-I/O-SYSTEM and more.

Clear Advantages:

- Reduced engineering time with an integrated logic and graphics development environment
- Reduced costs by streamlining hardware and software requirements
- Reduced support costs and improved operation by centralizing remote access and administration

PERSP is a the

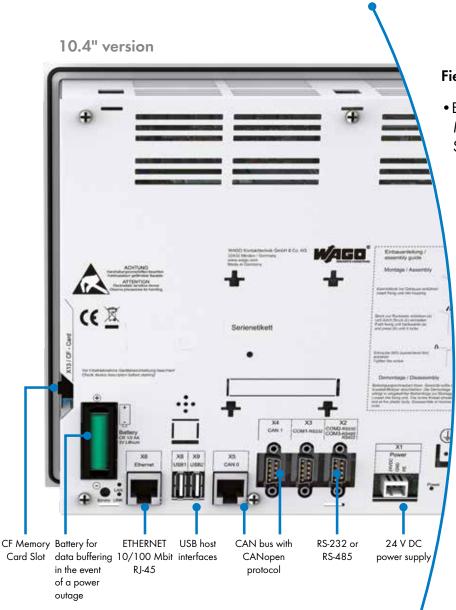
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Communication & Interface Ports

CONNECTIONS

PERSPECTO® CP TV provides an unmatched number of interface and communication ports. Standard on all units are a minimum of one each Ethernet, CANopen, USB, memory card and serial interface ports.



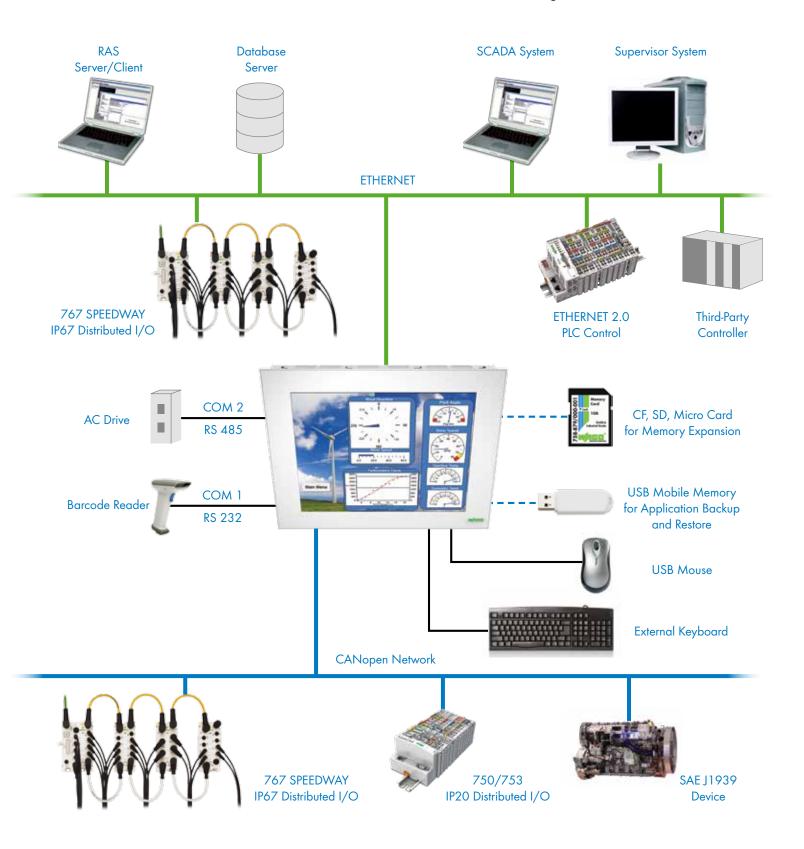
Fieldbus Networks

- Ethernet protocols supported:
 MODBUS/TCP (UDP), HTTP, DHCP,
 SNTP, FTP and SNMP
 - CAN bus port(s) support both standard CANopen and SAE J1939 protocols
 - MODBUS RTU supported via serial port and function block

Additional Interfaces for Maximum Flexibility

- Serial port(s) for connection to RS-232 and RS-485 protocols
- USB port(s) for connection to devices such as keyboard, mouse, flash drives, etc.
- Memory card slot for memory expansion up to 2GB

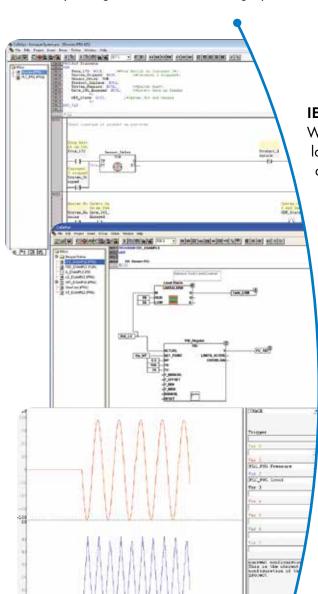
Connect to All I/O Devices and Control From a Single Point

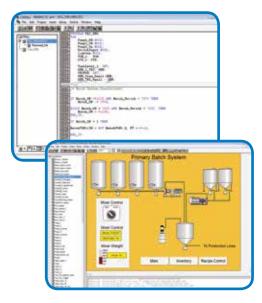


Integrated Logic & Graphics Software

LOGIC

Complementing the PERSPECTO® CP TV is the all-in-one logic and graphics development tool – WAGO-I/O-PRO CAA. Offered as a site license, this integrated software tool accelerates development time with capabilities such as "point-and-click" PLC variable assignment to graphic elements, pre-engineered libraries and graphic elements, and more.





IEC 61131-3

WAGO-I/O-PRO supports all six IEC programming languages: ladder diagram, structured text, function block diagram, sequential function chart, continuous function chart and instruction list. As a result, developers have the freedom to implement a single editor/language or multiple editors within the same project.

Advanced Programming Tools

Logic programming is made easy with built-in editor tools such as: the auto declare wizard, syntax coloring for easy code identification, pre-engineered libraries, context sensitive help and the time-saving input assistant.

Custom Function Blocks

Generate your own libraries to protect your intellectual property. Using WAGO-I/O-PRO, you can develop code and then encapsulate it in a function block with password protection. These function blocks can then be reused without unauthorized code changes.

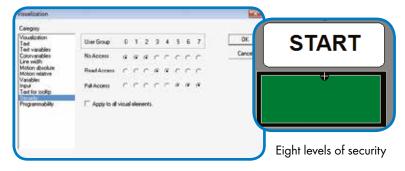
Trouble Shooting Tools

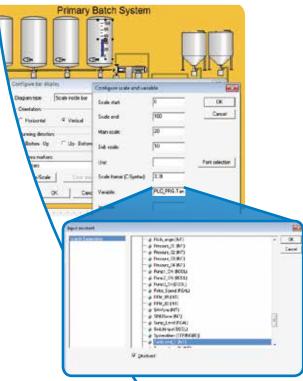
Powerful online and offline tools for testing and debugging your project: offline simulation, monitoring/writing/forcing variables, breakpoints/single step/single cycle execution, online changes, sample trace and more.

GRAPHICS

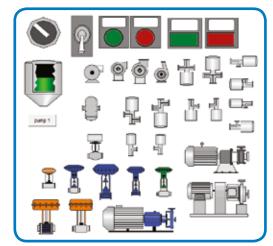
WAGO-I/O-PRO simplifies HMI screen development with a professional look and feel. Accelerate development time with direct access to all variables used in the PLC program, as well as with built-in drawing tools such as:

- Trends and tables with logging capability
- Animation tools including element motion and rotation
- Configurable meters, bar charts, histograms, etc.
- System alarm handling
- And much more...





Easy access to PLC variables with the input assistance tool



Industrial Graphics with Place Holders

Create your own or use pre-drawn industrial graphics from WAGO. Using the placeholder feature facilitates easy reuse of dynamic objects. Allowing specific variables from the PLC program to be added to activate object color changes, invisibility, animation, etc.

Eight Levels of Security

PERSPECTO® CP TV offers up to eight levels of security to protect your system from unauthorized or unintended access. Security levels can be programmed per graphic element or for an entire screen.

WAGO-I/O-PRO Software

Description	Item No.
WAGO-I/O-PRO V2.3, RS-232 kit	759-333
WAGO-I/O-PRO, USB kit	759-333/000-923
WAGO-I/O-PRO, CD-ROM	<i>75</i> 9-911

Integrated PLC & HMI

DATA EXCHANGE

Share data across your network with the people and devices that need it. *PERSPECTO®* CP TV offers multiple methods for exchanging information to maximize machine or process operation:

Web Server

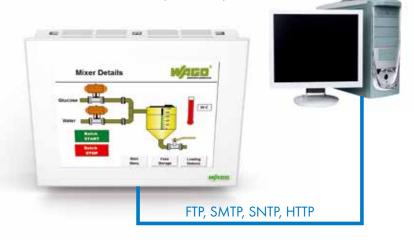
The built-in Web Server enables remote access to the PERSPECTO® CP TV. View and control HMI screens across your network using a simple web browser.

Simple Network Time Protocol

With SNTP built-in, synchronizing PERSPECTO® CP TV onboard clock system with a central time server is possible. Easily reconcile logged data.

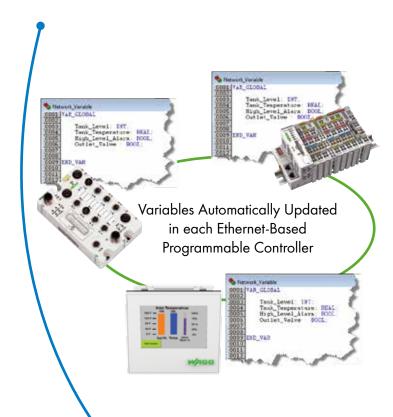
FTP Server

Onboard FTP server allows easy exchange of files to and from *PERSPECTO*® CP TV.



E-mail with SMTP

PERSPECTO® CP TV can send event-based email alarms or be scheduled to provide operational data at preset intervals.



Network Variables

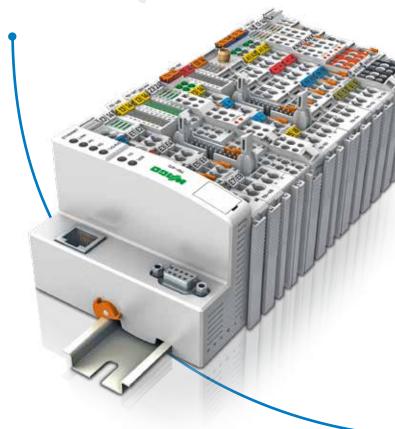
On Ethernet networks, WAGO offers a unique feature (Network Variables) that allows multiple WAGO controllers to share and automatically update variables without having to engineer complex message blocks. Available in the following Ethernet-based controllers: 762 Series (PERSPECTO® CP TV), 750 Series (WAGO-I/O-SYSTEM), 767 Series (SPEEDWAY) and 758 Series (WAGO-I/O-IPC).

DISTRIBUTED I/O

750/753 Series - In-Cabinet (IP20) I/O

The 750/753 Series WAGO-I/O-SYSTEM offers tight integration with PERSPECTO® CP TV making it a great combination for a broad range of applications. Choose from a variety of ECO or standard bus-couplers and programmable controllers, as well as more than 400 digital, analog and special function (stepper control, intrinsically safe, power measurement, vibration monitoring, etc.) I/O modules.

- 1-, 2-, 4-, 8- or 16-channel I/O modules buy only the I/O you need
- Space-saving design up to 16 channels in just 12mm wide
- Combine a variety of voltage and signal types in a single node
- Reduce wiring time with 753 Series pluggable connector option.



767 Series - On-Machine (IP67) I/O

SPEEDWAY 767 Series allows I/O to be added to your PERSPECTO® CP TV system without the need for additional enclosures. This extremely flexible system supports highly distributed architectures with distances up to 165 ft. between modules or 1,650 ft. total node extension. Available modules include bus-couplers and programmable controllers, as well as digital, analog and special function I/O.

- High-speed node scan times as fast as 400µs
- Extensive module configuration with FDT/DTM software tool
- Fully encapsulated housing with integrated metal shielding
- Extended temperature range of -25°C to +60°C

Specifications

3.5" (8.9 cm)

- Front panel: Plastic, polyester film
- Housing material: Plastic



5.7" (14.5 cm)

- Front panel: Plastic, polyester film
- Housing material: Plastic



10.4" (26.4 cm)



- Front panel: Anodized aluminum, natural, polyester film
- Housing material: Sheet steel, painted

Screen diagonal (in continuous) 8.9	Part number	762-3035/000-001	762-3057/000-001	
Viewing angle Instruction Viewing angle Viewing an	Screen diagonal (in inches)	3.5"	5.7"	
Display	Screen diagonal (in centimeters)	8.9	14.5	
Display colors 262000 colo	Viewing angle (horizontal/verticle)	-45° - +45°/-15° - +35°		
Screen resolution (in pixels) 320 x 240 320 x 240	Display	TFT	TFT	
Contrast rotio 250:1 500:1 Brightness (in cd/m²) 560 400 MTBF display lighting (in hm) 50,000 50,000 Processor 32bit ARM9 200 MHz 32bit ARM9 240 MHz RAM (in MB) 64 64 Flosh (in MB) 64 64 SRAM (in MB) 1 1 Memory expansion (max. 2 GB) Micro SD card SD card Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Lighth transmission typ. 80% typ. 75% Durability (activations with finger or touch pan) 100,000 100,000 USB 2.0 Host (Type A) 1 x 2 x Ethernet 10/100 Mbps, RJ45 1 x 10/100 Mbir, RJ45 1 x 10/100 Mbir, RJ45 CAN 1 D Sub 9 interface 1 x 1 x CAN 1 D Sub 9 interface 1 x 1 x CAN 1 D Sub 9 interface (serial, RS-488) 1 x - Interface (serial, RS-232 + RS-485 D Sub) 1 x - Interface (serial, RS-232 + RS-485/422 D Sub) - 1 x Power supphy	Display colors	262000 colors	262000 colors	
Brightness (in cd/m²) 560 400 MTBF display lighting (in hin) 50,000 50,000 Processor 32-bit ARM9 200 MHz 32-bit ARM9 240 MHz RAM (in MB) 64 64 (Eash (in MB) 64 64 SRAM (in MB) 1 1 Memory expansion (max 2 GB) Micro SD card SD card Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Use problems with finger or touch pen) 100,000 100,000 Durability (activations with finger or touch pen) 100,000 100,000 USB 2, 0 Host (fipe A) 1.x 2.x Ethernet 10/100 Mbps, RJ-45 1 x 10/100 Mbir, RJ-45 1 x 10/100 Mbir, RJ-45 Ethernet 10/100 Mbps, RJ-45 1 x 10/100 Mbir, RJ-45 1 x 10/100 Mbir, RJ-45 CAN 1 D Sub 9 interface 1 x 1 x Interface (serial, RS-485) 1 x 1 x Interface (serial, RS-232 P RS-485 D Sub) - 1 x Interface (serial, RS-232 P RS-485 P Sub) - 1 x Operating power 8 - 12 W 8 - 12 W <td>Screen resolution (in pixels)</td> <td>320 x 240</td> <td colspan="2">320 x 240</td>	Screen resolution (in pixels)	320 x 240	320 x 240	
MTBF display lighting (in his) 50,000 50,000 Processor 32-bit ARM9 200 MHz 32-bit ARM9 240 MHz RAM (in MB) 64 64 Flash (in MB) 64 64 SRAM (in MB) 1 1 Memory expansion (max, 2 GB) Micro SD cord SD cord Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Using It transmission typ. 80% typ. 75% Durability (servicions with finger or touch pen) 100,000 100,000 USB 2.0 Host (Type A) 1 x 2 x Element I () 100 Mbps, RJ-45 1 x 10/100 Mbis, RJ-45 1 x 10/100 Mbis, RJ-45 CAN I D-Sub 9 interface 1 x 1 x CAN I D-Sub 9 interface 1 x 1 x Interface (serial, RS-323 b) 1 x - Interface (serial, RS-232 + RS-485 D-Sub) 1 x - Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x	Contrast ratio	250 : 1	500 : 1	
Processor 32-bit ARM9 200 MHz 32-bit ARM9 240 MHz RAM (in MB) 64 64 Floats (in MB) 64 64 Float (in MB) 64 64 Memory expansion (max. 2 GB) Micro SD card SD card Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Usb 1/2 (bit transmission) typ. 80% typ. 75% Durability (activations with finger or touch pen) 100,000 100,000 USB 2.0 Host (type A) 1 x 2 x Liker Interface (seriol, KPyee A) 1 x 2 x Liker Interface (seriol, RPs) AJ-45 1 x 10/100 Mbit, RJ-45 1 x 10/100 Mbit, RJ-45 CAN 1 D-Sub 9 interface 1 x 1 x CAN 1 D-Sub 9 interface - - Liker face (serial, RS-232 D-Sub 9) - 1 x Interface (serial, RS-232 D-Sub 9) - 1 x Interface (serial, RS-232 P-Sub 9) - 1 x Interface (serial, RS-232 P-Sub 9) - 1 x	Brightness (in cd/m²)	560	400	
RAM (in MB) RAM (in MB) 64 64 64 65 8RAM (in MB) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MTBF display lighting (in hrs)	50,000	50,000	
Flash (in MB)	Processor	32-bit ARM9 200 MHz	32-bit ARM9 240 MHz	
SRAM [in M8] 1 1 1 1 1 1 1 1 1	RAM (in MB)	64	64	
Memory expansion (max. 2 GB) Micro SD card SD card Panel Touchscreen (analog, resistive) Touchscreen (analog, resistive) Light transmission typ. 80% typ. 75% Durability (activations with finger or touch pen) 100,000 100,000 USB 2.0 Host (Type A) 1 x 2 x Ethernet 10/100 Mbps, RJ-45 1 x 10/100 Mbit, RJ-45 1 x 10/100 Mbit, RJ-45 CAN 1 D-Sub 9 interface 1 x 1 x CAN 1 D-Sub 9 interface - - CAN 1 D-Sub 9 interface - - Interface (serial, RS-485) 1 x - Interface (serial, RS-232 b-Sub 9) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485/422 D-Sub) - 1 x Interface (serial, RS-232 + RS-485/422 D-Sub) - - - Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA 500 mA Operating power 8 - 12W 8 - 12W 8 - 12W Op	Flash (in MB)	64	64	
Touchscreen (analog, resistive) Touchscreen (analog, resistive)	SRAM (in MB)	1	1	
Light transmission typ. 80% typ. 75% Durability (activations with finger or touch pen) 100,000 100,000 USB 2.0 Host (Type A) 1 x 2 x Ethernet 10/100 Mbps, RJ-45 1 x 10/100 Mbit, RJ-45 1 x 10/100 Mbit, RJ-45 CAN poen RJ-45 interface 1 x 1 x CAN 1 D-Sub 9 interface - - CAN 1 D-Sub 9 interface - - Interface (serial, RS-485) 1 x - Interface (serial, RS-232 D-Sub 9) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485/422 D-Sub) - 1 x Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA Operating power 8 - 12 W 8 - 12 W Operating temperature 0 °C +55 °C 0 °C +55 °C Storage temperature 10 °C +60 °C -10 °C +60 °C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 90 x96x96x29 </td <td>Memory expansion (max. 2 GB)</td> <td>Micro SD card</td> <td>SD card</td>	Memory expansion (max. 2 GB)	Micro SD card	SD card	
Durability (activations with finger or touch pen) 100,000 100,000 USB 2.0 Host (Type A) 1 x 2 x Ethernet 10/100 Mbps, RJ-45 1 x 10/100 Mbit, RJ-45 1 x 10/100 Mbit, RJ-45 CAN open RJ-45 interface 1 x 1 x CAN 1 D-Sub 9 interface - - Interface (serial, RS-485) 1 x - Interface (serial, RS-232 D-Sub 9) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485/422 D-Sub) - 1 x Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA Operating power 8 - 12 W 8 - 12 W Operating temperature 0 °C +55 °C 0 °C +55 °C Storage temperature 10 °C +60 °C -10 °C +60 °C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Panel	Touchscreen (analog, resistive)	Touchscreen (analog, resistive)	
1 x 2 x	Light transmission	typ. 80%	typ. 75%	
Tethernet 10/100 Mbps, RJ-45 1x 10/100 Mbit, RJ-45	Durability (activations with finger or touch pen)	100,000	100,000	
CAN open RJ-45 interface 1 x 1 x CAN 1 D-Sub 9 interface - - Interface (serial, RS-485) 1 x - Interface (serial, RS-232 D-Sub 9) - 1 x Interface (serial, RS-232 + RS-485 D-Sub) - 1 x Interface (serial, RS-232 + RS-485/422 D-Sub) - - Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA Operating power 8 - 12 W 8 - 12 W Operating temperature 0 °C +55 °C 0 °C +55 °C Storage temperature - 10 °C +60 °C - Relative humidity (without condensation) 10 °C +60 °C 10 °C +60 °C Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	USB 2.0 Host (Type A)	1 x	2 x	
CAN 1 D-Sub 9 interface	Ethernet 10/100 Mbps, RJ-45	1 x 10/100 Mbit, RJ-45	1 x 10/100 Mbit, RJ-45	
Interface (serial, RS-232 D-Sub 9) Interface (serial, RS-232 D-Sub 9) Interface (serial, RS-232 D-Sub 9) Interface (serial, RS-232 P-RS-485 D-Sub) Interface (serial, RS-232 + RS-485/422 D-Sub) Interface (serial, RS-232 + RS-485 D-Sub) Interface (serial, RS-232 + RS-485 D-Sub) Interface (serial, RS-232 D-Sub 9) Interface (serial, RS-232 P-Sub 9) Interface	CANopen RJ-45 interface	1 x	1 x	
Interface (serial, RS-232 D-Sub 9) Interface (serial, RS-232 + RS-485 D-Sub) Interface (serial, RS-232 + RS-485/422 D-Sub) Interface (serial, RS-232 + RS-485 D-Sub) Interface (se	CAN 1 D-Sub 9 interface	-	-	
Interface (serial, RS-232 + RS-485 D-Sub) Interface (serial, RS-232 + RS-485/422 D-Sub) Interface (serial, RS-232 + RS-485 D-Sub) Interf	Interface (serial, RS-485)	1 x	-	
Interface (serial, RS-232 + RS-485/422 D-Sub) Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA 500 mA 6 - 12 W 70 Poperating power 8 - 12 W 8 - 12 W 70 Poperating temperature 90 °C +55 °C 10 °C +55 °C 10 °C +60 °C	Interface (serial, RS-232 D-Sub 9)	-	1 x	
Power supply 24 VDC (18 - 30 V) 24 VDC (18 - 30 V) Max. input current (24 V) 500 mA 500 mA Operating power 8 - 12 W 8 - 12 W Operating temperature 0 ° C +55 ° C 0 ° C +55 ° C Storage temperature -10 ° C +60 ° C -10 ° C +60 ° C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Interface (serial, RS-232 + RS-485 D-Sub)	-	1 x	
Max. input current (24 V) 500 mA 500 mA Operating power 8 - 12 W 8 - 12 W Operating temperature 0 °C +55 °C 0 °C +55 °C Storage temperature -10 °C +60 °C -10 °C +60 °C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Interface (serial, RS-232 + RS-485/422 D-Sub)	-	-	
Operating power 8 - 12 W 8 - 12 W Operating temperature 0 ° C +55 ° C 0 ° C +55 ° C Storage temperature -10 ° C +60 ° C -10 ° C +60 ° C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Power supply	24 VDC (18 - 30 V)	24 VDC (18 - 30 V)	
Operating temperature 0 ° C +55 ° C 0 ° C +55 ° C Storage temperature -10 ° C +60 ° C -10 ° C +60 ° C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Max. input current (24 V)	500 mA	500 mA	
Storage temperature -10 °C +60 °C -10 °C +60 °C Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Operating power	8 - 12 W	8 - 12 W	
Relative humidity (without condensation) 10 % 85 % 10 % 85 % Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Operating temperature	0 °C +55 °C	0 °C +55 °C	
Dimensions (W x H x D in mm) 96x96x29 208x150x42 Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Storage temperature	-10 °C +60 °C	-10 °C +60 °C	
Panel cutout (W x H in mm) 91x91 198x140 NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Relative humidity (without condensation)	10 % 85 %	10 % 85 %	
NEMA degree of protection Front NEMA 4x, IP 65 Front NEMA 4x, IP 65	Dimensions (W x H x D in mm)	96x96x29	208x150x42	
	Panel cutout (W x H in mm)	91x91	198x140	
Approvals C€ UL508 ® C€ UL508 ®	NEMA degree of protection	Front NEMA 4x, IP 65 Front NEMA 4x, IP 65		
	Approvals	(€ UL508 @	C€ UL508 @	

12.1" (30.7 cm)



- Front panel: Anodized aluminum, natural, polyester film
 Housing material: Sheet steel, painted



15" (38.1 cm)

- Front panel: Anodized aluminum, natural, polyester film
 Housing material: Sheet steel, painted

762-3104/000-001	762-3121/000-001	762-3150/000-001	762-3150/000-003
10.4"	12.1"	1 <i>5</i> "	15"
26.4	30.7	38.1	38.1
-65° - +65°/-45° - +65°	-65° - +65°/-75° - +45°	-65° - +65°/-75° - +45°	-65° - +65°/-75° - +45°
TFT	TFT	TFT	TFT
65536colors	65536 colors	16 million colors	16 million colors
640 x 480	800 × 600	1024 x 768	1024 x 768
500 : 1	500 : 1	500 : 1	500 : 1
430	400	250	250
50,000	50,000	50,000	50,000
32-bit XScale 520 MHz	32-bit XScale 520 MHz	Intel Atom® N270; 1.6 GHz	Intel Atom® N270; 1.6 GHz
64	64	256	256
32	32	128	128
1	1	-	-
CF card	CF card	CF card	CF card
Touchscreen (analog, resistive)	Touchscreen (analog, resistive)	Touchscreen (analog, resistive)	Touchscreen (analog, resistive)
typ. 80%	typ. 80%	typ. 80%	typ. 80%
10 million	10 million	35 million	35 million
2 x	2 x	4 x	4 x
1 x 10/100 Mbit, RJ-45			
1 x	1 x	_	_
1 x	1 x	_	1 x
-	-	<u>-</u>	-
1 x	1 x	1 x	1 x
1 x	1 x	1 x	1 x
1 x	1 x	1 x	1 x
24 VDC (18 - 30 V)			
500 mA	500 mA	1300 mA	1300 mA
10 - 18 W	10 - 18 W	28 - 35 W	28 - 35 W
0 °C +50 °C	0 °C +50 °C	0 °C +45 °C	0 °C +45 °C
-10 °C +60 °C			
10 % 85 %	10 % 85 %	10 % 85 %	10 % 85 %
284x222x46	330x268x47	398x306x77	398x306x77
268x206	312×250	383×291	383x291
Front IP65, back IP20			
C€	C€	C€	C€

WAGO Service Worldwide

Germany

WAGO Kontakttechnik

Minden

Tel. ++49/571/887/0 Fax ++49/571/887/169

Austria

WAGO Kontakttechnik

Wien

Tel. ++43/1/615/07/80 Fax ++43/1/615/07/75

Belgium

WAGO Kontakttechnik

Zaventem

Tel. ++32/2/7/17/90/90 Fax ++32/2/7/17/90/99

China

WAGO ELECTRONIC Co. Ltd.

Tianjin

Tel ++86/22/59617688 Fax ++86/22/59617668

England

WAGO, Ltd.

Rugby

Tel. ++44/1788/568008 Fax ++44/1788/568050

WAGO CONTACT S.A.

Paris

Tel. ++33/148172590 Fax ++33/148632520

Italy

WAGO ELETTRONICA SRL Casalecchio di Reno (BO) Tel. ++39/051/6132112 Fax ++39/051/6272174

Japan

WAGO Co. of JAPAN Ltd. Tokyo

Tel. ++81/3/5627/2050 Fax ++81/3/5627/2055

Poland

WAGO ELWAG sp. z o. o.

Wroclaw

Tel. ++48/71/3604670/78 Fax ++48/71/3604699

Singapore

WAGO Electronic Pte. Ltd.

Singapore

Tel. ++65/62866776 Fax ++65/62842425

Switzerland

WAGO CONTACT SA

Domdidier

Tel. ++41/26/676/75/86 Fax ++65/26/676/75/01

Mexico

WAGO Corporation

Queretaro

Tel. 001/800/309/5975 + 52/442/221/5946 Fax $+ \frac{52}{442} \frac{221}{5063}$

Canada

WAGO Corporation

Fax 262/255-3232 www.wago.ca

Tel. 800/DIN Rail (346-7245)

WAGO Corporation N120 W19129 Freistadt Road Germantown, Wisconsin 53022 800 / DIN Rail (346-7245) Fax 262 / 255-3232 info.us@wago.com www.wago.us

