



Commercial status

Discontinued on: 27 December 2019

End-of-service soon on: 28 December 2023

HMISTO532 has not been replaced. Please contact your customer care center for more information.

ⓘ Restricted Sales for Services

Main

| | |
|---------------------------|--------------------|
| Range of product | Harmony STO & STU |
| Product or component type | Touch panel screen |
| Software designation | Vijeo Designer |
| Operating system | Harmony |
| Processor name | CPU RISC |

Complementary

| | |
|----------------------------|---|
| Display size | 3.4 inch |
| Display type | Backlit monochrome STN LCD |
| Background colour | White, pink and red |
| Display resolution | 200 x 80 pixels |
| Touch panel | Analogue |
| Backlight lifespan | 10000 hours with red 50000 hours with pink 50000 hours with white |
| Brightness | 8 levels |
| Contrast | 16 levels via touch panel |
| Character font | Korean ASCII Japanese (ANK, Kanji) Chinese (simplified Chinese) Taiwanese (traditional Chinese) |
| [Us] rated supply voltage | 24 V DC +/- 20 % |
| Inrush current | 30 A |
| Local signalling | 1 LED (green) for normal operation |
| Power consumption in W | 5 W |
| Number of pages | Limited by internal memory capacity |
| Processor frequency | 333 MHz |
| Port Ethernet | 10/100BASE-TX |
| Memory description | Application memory 16 MB Back up of data 128 kB |
| Integrated connection type | 1 USB 2.0 type mini B 1 USB 2.0 type A power supply - removable screw terminal block |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|------------------------|---|
| | 1 Ethernet TCP/IP - 1 RJ45 |
| Supply | External source |
| Realtime clock | Access to the PLC real-time clock |
| Downloadable protocols | XWAY TCP/IP Modbus TCP/IP Third party protocols |
| Fixing mode | By 2 spring clips, mounting on 1.6...5 mm thick panel |
| Enclosure material | PPT |
| Marking | CE |

Environment

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|---------------------------------------|--|
| Immunity to microbreaks | 3 ms |
| Standards | UL 508 FCC Class A IEC 61000-6-2 UL 1604 EN 61131-2 |
| Product certifications | UL Class 1 Division 2 T4A C-Tick CULus CE UL Class 1 Division 2 T5 |
| Ambient air temperature for operation | 0...50 °C |
| Ambient air temperature for storage | -20...60 °C |
| Relative humidity | 0...90 % without condensation |
| Operating altitude | <= 2000 m |
| IP degree of protection | IP20 (rear panel) conforming to IEC 60529 IP65 (front panel) conforming to IEC 60529 |
| NEMA degree of protection | NEMA 4X front panel (indoor use) |
| Shock resistance | 15 gn for 11 ms conforming to IEC 60068-2-27 |
| Vibration resistance | +/- 3.5 mm (f = 5...9 Hz) conforming to IEC 60068-2-6 1 gn (f = 9...150 Hz) conforming to IEC 60068-2-6 |
| Electromagnetic compatibility | Resistance to radiated electromagnetic fields - test level: 10 V/m conforming to IEC 61000-4-3 |

Packing Units

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|------------------|------------|
| Package 1 Weight | 0.386 kg |
| Package 1 Height | 85.000 mm |
| Package 1 width | 135.000 mm |
| Package 1 Length | 185.000 mm |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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