

JUMO variTRON 500 touch – Central Processing Unit for Automation System



- Process mapping for all connected input/output modules (including controller module)
- 2 USB host interfaces
- OPC UA Server (in conjunction with PLC)
- Wireless interface for Wtrans transmitters
- PROFINET IO controller/device (in conjunction with PLC, device as of system version 8.2)
- Battery-buffered SRAM (synchronization of retain data in CODESYS application)
- Battery-buffered real-time clock
- Data evaluation with JUMO smartWARE Evaluation
- Customer-specific boot logo
- Variable screen orientation (as of system version 8.2)

Order details

(1) Basic type	
705004	Central processing unit type 705004 incl. touchscreen, 2×Ethernet, 2×USB host, RS485, program generator, Node-RED, math and logic, PROFINET IO-Controller/Device 1-Port, Modbus RTU/TCP Master/Slave, OPC UA Server, EtherCAT Master, BACnet/IP
(2) Basic type extension 1	
0	7" variant
1	7" variant with stainless steel front
2	10,1" variant
3	10,1" variant with stainless steel front
(3) Basic type extension 2	
2	Quad Core CPU
(4) Basic type extension 3	
2	RAM 1024 MB
(5) Basic type extension 4	
1	eMMC 8 GB
(6) Basic type extension 5	
0	without USV
1	with USV (from hardware version power supply 705004010080000X.01.01)
(7) Version	
0	Standard version
(8) Interface LAN 3	
00	Not used
08	Ethernet (RJ45)
(9) Wireless interface	
00	Not used
10	Wtrans 868,4 MHz (Europa)
20	Wtrans 915 MHz (USA, Australia, Canada and New Zealand)
(10) Voltage supply	
36	DC 24 V +25/-20 %
(11) Extra codes	
000	ohne Typenzusatz
001	Program App (inclusive JUMO variTRON Template)
224	PLC according to IEC 61131-3 (CODESYS V3.5)
276	Recorder App
280	Remote TargetVisu
281	WebVisu
290	TargetVisu

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11)

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Stock versions

Order code	Part no.
705004/02210-0-00-00-36/224,290	30052961
705004/22210-0-00-00-36/224,290	30053033
705004/02211-0-08-00-36/001,224,290	30074822
705004/22211-0-08-00-36/001,224,290	30074261
705004/02210-0-08-00-36/224,276,290	30075157
705004/22211-0-08-00-36/224,276,290	30074823

Accessories

Description	Part no.
Prog. App incl. JUMO variTRON Template program (701850)	00771090
SPS according to IEC 61131-3 (CODESYS V3	00724988
Remote TargetVisu	00724990
WebVisu	00724991
TargetVisu	30049496
Recorder App	30071661
USB Ethernet converter	30047695
RJ45 patch cable SF/UTP, length 0,3 m	00747472
RJ45 patch cable S/FTP, cat. 6A, 1.5 m l	00666324
RJ45 patch cable S/FTP, cat. 6A, 3 m lon	00666326
RJ45 patch cable S/FTP, cat. 6A, 5 m lon	00665966
RJ45 patch cable S/FTP, cat. 6A, 10 m lo	00666327
Antenna cable 1m, impedance 50ohms	00710813
Antenna cable 3m, impedance 50ohms	00482646
KCND cable SMA-connector 5m	00490066
Antenna cable 5m, impedance 50ohms 125°	00660378
Antenna cable 10m, impedance 50ohms 125°	00511870
KCND cable Antenna cable, 10m long, impedance 50 ohm with threaded connector	00490068
Lambda/4-Antenne, Impedanz 50 Ohm Tmax. 125 °C	00757039
Wall holder with counterweight for lambd	00482648
Amplifier ZX60-0916LN packaged EBD BATTERY ETS	00715285
Hat rail-Set	30047694
Abdeckung für Systembus	30049495
Screw-on end clamp for mounting rail	00528648

Accessories see price sheet:

- Multichannel Controller Module (705010)
- Relay Module 4-Channel (705015)
- Analog Input Module 4-Channel (705020)
- Analog Input Module 8-Channel (705021)
- JUMO mTRON T - Analog Output Module Four-Channel (705025)
- Digital Input or Output Module 12-Channel (705030)
- Digital Input and Output Module 32-channel (705031)
- JUMO mTRON T − Router Module (705040)
- JUMO mTRON T – Multifunction Panel 840 (705060)
- Operating Panels – for JUMO mTRON T Measuring, Control, and Automation system (705065)
- Power Supply Units – Module for Automation System (705090)

Software

Description	Part no.
digilLine-driver (CODESYS V3.5 from SP10)	00706040
JUMO smartWARE Setup variTRON	00734573
CD-Version CODESYS V3.5 SP 17 Patch 3	00768923
FW JUMO variTRON 500 touch sys. vers. 8	30049166
JUMO variTRON 500 touch Visu-Template	30050236
705004 GSDML-Datei - Profinet Device	30053072
JUMO variTRON Template (incl. Program App 705004)	30060118
CODESYS Installer	30062362
JUMO Modbus Devices	30062846
FW JUMO variTRON 500 touch Systemvers. 9	30073094