

JUMO variTRON 500 – Central Processing Unit for Automation System

- Process mapping for all connected input and output modules (including controller module)
- Display and keys to display the system status
- 2 USB host interfaces
- OPC UA server (in conjunction with PLC)
- 9 program generators (in conjunction with PLC, as of system version xx)
- 2 field bus interfaces
- PROFINET IO controller (in conjunction with PLC) or device (device as of system version xx)
- Plug and Play when replacing input and output modules
- Battery-buffered RAM
- Real-time clock



Order details

(1) Basic type	
705002	Central processing unit type 705002 (program generator, 1x Ethernet (RJ45), 1x systembus (E-bus), 2x USB host interface, Node-RED)
(2) Basic type extension 1	
2	Quad Core CPU
(3) Basic type extension 2	
2	RAM 1024 MB
(4) Basic type extension 3	
1	eMMC 8 GB
(5) Basic type extension 4	
0	Without software control loops
(6) Version	
8	Standard with default settings
(7) Interface COM 1	
00	Not used
51	RS232 Modbus RTU
55	RS485 Modbus RTU
(8) Interface COM 2	
00	Not used
51	RS232 Modbus RTU
55	RS485 Modbus RTU
(9) Interface LAN 2	
00	Not used
08	Ethernet (RJ45)
(10) Voltage supply	
36	DC 24 V +25/-20 %
(11) Extra codes	
000	ohne Typenzusatz
001	Program generator including JUMO smartWARE Program (701850)
224	PLC according to IEC 61131-3 (CODESYS V3.5)
280	Remote TargetVisu
281	WebVisu
282	PROFINET-IO-Controller
283	OPC UA server
284	Modbus TCP master
285	Modbus TCP slave
286	EtherCAT master
288	PROFINET Device 1-Port
289	BACnet/IP

Order code

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


Stock versions

Order code	Part no.
705002/2210-8-00-00-00-36/224,281,	00735779
705002/2210-8-00-00-08-36/224,281,	00741870

Accessories

Description	Part no.
Program generator incl. JUMO smartWARE program (701850)	00771090
SPS according to IEC 61131-3 (CODESYS V3)	00724988
Remote TargetVisu	00724990
WebVisu	00724991
TargetVisu	30049496
PROFINET-Controller	00724992
OPC UA Server	00724993
Modbus TCP Master	00724994
Modbus TCP Slave	00724996
EtherCAT Master	00724997
PROFINET Device 1-Port	30049493
BACnet/IP	30049494
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
705098/51-000 (RS232 Modbus RTU)	00745041
705098/55-000 (RS485 Modbus RTU)	00745042
705098/08-000 (Ethernet (RJ45))	00745043
Einsteigerkit variTRON 500	00752775

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 SP16 Patch 3	00751231
JUMO variTRON 500 Visu-Template	00755297
Firmware JUMO variTRON 500 system vers.6	00762428
Firmware JUMO variTRON 500 system vers.7	00764897
Firmware JUMO variTRON 500 system vers.8	00764901
CD-Version CODESYS V3.5 SP 17 Patch 3	00768923
JUMO smartWARE Program incl. PT (705002) Process Technology	00770923
JUMO variTRON 500 GSDML-file - Profinet Device	30049167
CODESYS Installer	30062362
JUMO Modbus Devices	30062846