

| Type | VTWIN Driver | Software version | Date of release |
|------|---|------------------|-----------------|
| PLC | ABB COMLI | 4.10 | 19/01/2001 |
| PLC | ABB CS31 direct | 2.50 | 02/02/1999 (*) |
| PLC | ABB CS31 monitor | 1.15 | 19/01/1998 |
| PLC | ABB ModBus | 2.1 | 29/07/1998 (*) |
| PLC | ABB T200 ZE6X COM KP60 (only words) | 2.50 | 02/02/1999 |
| PLC | AEG-Modicon | 2.1 | 29/07/1998 |
| PLC | AEG-Modicon A120 A250 | 3.05 | 29/06/1999 |
| PLC | Allen Bradley DH485 | 4.00 | 4/08/2000 (*) |
| PLC | Allen Bradley Micrologix | 1.15 | 19/01/1998 (*) |
| PLC | Allen Bradley Micrologix -ethernet IP for 1761 net- | 5.21 | 02/07/2010 (*) |
| PLC | Allen Bradley PLC5 | 1.20 | 25/05/1998 |
| PLC | Allen Bradley SLC500 DF1 | 2.50 | 02/02/1999 (*) |
| PLC | Allen Bradley SLC500 network DH485 | 2.3 | 09/11/1998 (*) |
| PLC | Atos MPC1600/2002/4004 | 4.03 | 24/11/2000 |
| PLC | B & R NET2000 | 4.10 | 19/01/2001 |
| PLC | Bosch CL150/CL200/CL400/CL500 | 3.28 | 18/05/2000 |
| PLC | Crouzet RPX | 1.18 | 23/03/1998 |
| PLC | Crouzet Millenium 3 | 5.21 | 02/07/2010 (*) |
| PLC | Foxboro P6008 Protocol | 4.10 | 19/01/2001 |
| PLC | Fuji Micrex-F | 4.10 | 19/01/2001 |
| PLC | Ge-Fanuc | 1.16 | 09/02/1998 |
| PLC | Ge-Fanuc 90- 30 | 3.28 | 15/05/2000 (*) |
| PLC | Gefran Cencal MPS-NS Series | 3.07 | 21/07/1999 |
| PLC | Hitachi serie E | 1.16 | 09/02/1998 (*) |
| PLC | Hitachi serie E150 | 3.25 | 19/04/2000 |
| PLC | Hitachi serie CommH | 1.15 | 19/01/1998 (*) |
| PLC | Hitachi serie EH150/H250/H252B- | 4.02 | 25/09/2000 (*) |
| PLC | Hitachi serie Hboard/H200/H300/H700/H1000/H2000_1 | 4.02 | 25/09/2000 (*) |
| PLC | Idec Izumi Micro 3 | 2.1 | 29/07/1998 (*) |
| PLC | Izumi FA2/FA2J | 3.18 | 12/01/2000 |
| PLC | Keyence | 2.40 | 21/12/1998 (*) |
| PLC | Klöckner Moeller PS316 / 416 (416-400 only words) | 1.18 | 23/03/1998 |
| PLC | Klockner Moeller PS4 201 MM1 | 2.40 | 21/12/1998 (*) |
| PLC | Klockner Moeller PS4 341 MM1 | 3.04 | 22/06/1999 |
| PLC | Kuhnke Kubes | 3.07 | 21/07/1999 |
| PLC | LG (Goldstar) serie K10S/K30S/K60S/K100Se, Mcrolink | 3.13 | 25/10/1999 |
| PLC | LG (Goldstar) serie K10S1 | 3.13 | 25/10/1999 |
| PLC | Matsushita FP | 2.3 | 09/11/1998 (*) |
| PLC | Mitsubishi A (no VT50/VT60) | 3.03 | 25/05/1999 |
| PLC | Mitsubishi FX | 2.50 | 02/02/1999 (*) |
| PLC | Mitsubishi FX LINK | 5.21 | 02/07/2010 (*) |
| PLC | Omron H series | 2.3 | 09/11/1998 (*) |
| PLC | Omron CS1 | 3.19 | 08/02/2000 |
| PLC | Saia PCD | 4.02 | 25/09/2000 (*) |
| PLC | Saia S-bus | 1.16 | 09/02/1998 (*) |
| PLC | Saia S-bus + timeout | 3.25 | 19/04/2000 (*) |
| PLC | Schleicher F series (only words) | 2.3 | 09/11/1998 (*) |
| PLC | Schleicher P02 / P03 (only words) | 1.16 | 09/02/1998 |
| PLC | Siemens S5 | 2.50 | 02/02/1999 (*) |
| PLC | Siemens S5-115 CPU 945 | 2.3 | 09/11/1998 |
| PLC | Siemens S5-135/Slot PLC | 4.02 | 25/09/2000 |

| | | | |
|-----------------|---|------|----------------|
| PLC | Siemens S7-200 PPI Network | 4.03 | 24/11/2000 (*) |
| PLC | Siemens S7-200 | 2.50 | 02/02/1999 (*) |
| PLC | Siemens S7-200 PPI Network 187500 | 4.02 | 25/09/2000 |
| PLC | Siemens S7 300/400 | 4.10 | 19/02/2001 |
| PLC | Sprecher+Schuh (compatible Hitachi-H) | 1.15 | 19/01/1998 |
| PLC | Telemecanique Reglage | 3.25 | 19/04/2000 |
| PLC | Telemecanique Unitelway (only words) | 4.03 | 24/11/2000 (*) |
| PLC | Texas Instruments series 5 | 4.10 | 19/02/2001 |
| PLC | Texas Instruments series 5 Profibus | 3.21 | 7/03/2000 |
| PLC | Toshiba EX100 | 1.20 | 25/05/1998 |
| PLC | Toshiba T1, T2, T3 | 1.20 | 25/05/1998 |
| PLC | Vigor M/VB Series | 5.21 | 02/07/2010 (*) |
| | | | |
| | | | |
| Other | Free terminal for VT50 / VT60 | 3.28 | 18/05/2000 (*) |
| | Modbus Master for fast peripherals (Standard) | 4.03 | 24/11/2000 |
| | Modbus Master for slow peripherals | 4.03 | 24/11/2000 |
| | Modbus Slave | 4.03 | 24/11/2000 |
| | | | |
| Motion control | ABB Pentax, Indax, Triax | 2.50 | 02/02/1999 |
| Motor drive | ABB Bivector 300 Series | 3.13 | 25/10/1999 |
| Motion control | ALLEN BRADLEY IMCS Class | 2.50 | 02/02/1999 |
| Thermoregulator | Ascon XS-XP-XN-XC-XT-XF Series | 3.19 | 08/02/2000 (*) |
| Inverter | Atlas Copco DMC | 2.31 | 19/11/1998 |
| Motion control | CONTROLL TECHNIQUES UNIDRIVE | 4.10 | 19/02/2001 |
| Motion control | CMZ Modbus | 3.25 | 19/04/2000 (*) |
| Motion control | Danfoss VLT-2800/5000/6000 | 3.21 | 07/03/2000 |
| Bar Code Reader | Datalogic DL910 | 3.15 | 22/11/1999 |
| Other | Electrex Dept | 4.10 | 19/02/2001 |
| Inverter | Eurotherm Serie 605 | 3.06 | 02/07/1999 (*) |
| Motion control | EVER MPP 14-01 | 3.04 | 22/06/1999 |
| Motion control | Fanuc R-J series | 3.09 | 10/09/1999 |
| Motor drive | Fagor DNC protocol | 4.10 | 19/02/2001 |
| Motion control | GE VAT 2000 | 4.10 | 19/02/2001 |
| Inverter | GE VAT 23D | 2.1 | 29/07/1998 |
| Balance | HBM Balance WE2110 | 4.03 | 24/11/2000 (*) |
| Motor drive | Hitachi L-100 Series | 4.02 | 25/09/2000 |
| Motion control | Kawasaki D+ Robot | 5.21 | 02/07/2010 (*) |
| Inverter | KEB | 4.02 | 25/09/2000 (*) |
| Inverter | LENZE 82X | 2.50 | 02/02/1999 (*) |
| Motor drive | LENZE 93xx CAN | 4.03 | 24/11/2000(*) |
| Inverter | OMRON Sysdrive 3G3EV | 4.02 | 25/09/2000 (*) |
| Motor drive | Panasonic MMS *XP Series | 4.02 | 25/09/2000 |
| Motion control | S.B.C. HPDX | 2.3 | 09/11/1998 (*) |
| Motor drive | S.B.C. SLVD protocol | 4.02 | 25/09/2000 |
| Motor drive | SEW Eurodrive Movidyn | 3.09 | 10/09/1999 |
| Motor drive | SEW Eurodrive Movidrive | 3.21 | 7/03/2000 |
| Motor drive | SEW Eurodrive Movitrac | 3.21 | 7/03/2000 |
| Motion control | Siei S link 3 | 3.19 | 08/02/2000 |
| Motor drive | Siemens Simovert VC Series | 4.02 | 25/09/2000 |

| | | | |
|-----------------|--|------|----------------|
| Motor drive | TDE MACNO DMBL series | 3.25 | 19/04/2000 (*) |
| Inverter | Telemecanique Altivar Modbus | 3.13 | 25/10/1999 |
| Motion control | Trio Motion (Modbus) | 4.02 | 25/09/2000 |
| Thermoregulator | HENGSTLER 901/906 | 2.50 | 02/02/1999 |
| Thermoregulator | Gefran Cencal 800/1600/1800 | 3.07 | 21/07/1999 |
| Thermoregulator | WEST 6100/6600 | 2.50 | 02/02/1999 |
| Thermoregulator | WEST MLC9000 Modbus - Intrabus | 3.21 | 07/03/2000 (*) |
| | | | |
| | | | |
| Fieldbus | Interbus-S Phoenix IBS ISA FC Series | 4.02 | 25/09/2000 |
| Fieldbus | Interbus-S for VT170W and VT190W (SIEMENS S5) | 2.3 | 09/11/1998 |
| Fieldbus | Interbus-S for VT170W and VT190W (SIEMENS S7) | 2.3 | 09/11/1998 |
| Fieldbus | Profibus-DP for VT170W and VT190W (SIEMENS S7) | 2.50 | 02/02/1999 (*) |
| Fieldbus | Profibus-DP for VT170W and VT190W (SIEMENS S5) | 2.3 | 09/11/1998 |
| Fieldbus | Profibus-DP for VT170W and VT190W (SAIA) | 2.4 | 21/12/1998 (*) |
| Fieldbus | Profibus-DP Standard (64 W IN, 64 W out) | 3.28 | 18/05/2000 |

(*) Date and version for driver available e marked by a star (*) referring to the date and version of last modification of the driver, due to adding of new functions or bug fix, not to the first release of the driver.

PLCs (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|-----------------------------------|---|---|--------|
| ABB – ASEA BROWN BOVERI | | | |
| CS31 07KR31-T31 (30) | RS232 (300...19200,N,8,1) | MW 0,0...MW 255,15 | • |
| CS31 07KR91-T92-T93 (90) | RS232 (300...19200,N,8,1) | MW 0,0...MW 255,15 | • |
| Notes: | | On PLC port COM1: direct protocol On PLC port COM2: direct protocol software emulation • IW 0,0...22,15 / OW 0,0...22,15 | |
| CS31 07KR31-T31 (30) (modbus) | RS232/422 (300...19200,N,8,1) | MW 0,0...MW 255,15 | • |
| CS31 07KR91-T92-T93 (90) (modbus) | RS232/422 (300...19200,N,8,1) | MW 0,0...MW 255,15 | • |
| Notes: | | The VT is the MASTER in a MODBUS network PLC address: 1...32 • IW 0,0...69,15 / OW 0,0...69,15 / I 0,0...79,15 / O 0,0...79,15 M 0,0...99,15 / M 230,0...255,15 / S 0,0...125,15 KW 0,0...15,15 | |
| T200 07ZE60 | RS232/422 (300...19200,E,7,1) VTxxxW: RS232 (9600..19200,E,7,1) | MW' 0,0...MW' 383,1 | x |
| T200 COM 07KP60 | RS232/422 (300...19200,E,7,1) VTxxxW: RS232 (9600..19200,E,7,1) | MW' 0,0...MW' 383,1 | x |
| Notes: | | VT "network address" = FFFF0000 Protocol similar to Hitachi H and Sprecher | |
| AEG – MODICON | | | |
| MICRO | RS232 (9600,E,8,1) | R 40001...41920 | • |
| COMPACT 984 | RS232 (9600,E,8,1) | R 40001...41920 | • |
| Notes: | | • read / write of Counters, Timers | |
| A120 A250 | RS232 (9600,O,8,2) | MW 1... 1985 | x |
| Notes: | | | |
| ALLEN BRADLEY | | | |
| SLC500 502/503/504/505 (DF1) | RS232 (9600...19200,N,8,1) VTxxxW: RS232 (300..19200,N,8,1) | Integer N7, N10...N255 | • |
| Notes: | | • read / write of Counters, Timers, Bits, Inputs, Outputs | |
| SLC500 (DH485 network) | RS485 (19200,E,8,1) | Integer N7, N10...N255 | • ♣ |
| Notes: | | Multidrop (VT2x0 / 4x0) not available VT address: 1...31. PLC address : 1...31 • read / write of Counters, Timers, Bits, Inputs, Outputs | |
| PLC5 11-20-40-60 | RS232/422 (1200...19200,N,8,1) | Integer N7, N10...N255 | • |
| Notes: | | VT address : 00. PLC5 address : 01 PLC5 serial port : DF1 point – point 19200,N,8,1 Double detect error = OFF • read / write of Counters, Timers, Bits, Inputs, Outputs | |

x = standard protocol : only data memory areas

• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

♣ = Only MSP

PLCs (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | | Memory seen by VT (See notes) | VTxxxW |
|---|---|--|--|--------|
| CROUZET | | | | |
| RPX 10-20-30 | RS232 (19200,E,8,1) | W0...W79, W96...W511 | | • |
| Notes: | Serial adapter Crouzet 88 750 309 is needed • WC-WT-WD-WG-WP 0...31, WI-WO-WU-WH-WR 0...15 | | | |
| GE-FANUC | | | | |
| 90 - CMM 311 | RS422 (19200,O,8,1) | %R1...%R16384 | | • ♣ |
| 90 MICRO | RS422 (19200,O,8,1) | %R1...%R2048 | | • |
| Notes: | The VT is Master (10,3A,0,0), the CPU is Slave (10,0A,0,0) No password, CMM311 in SNP mode • %IW 1...768, %MW 1...768, %QW 1...768 | | | |
| GEFRAN | | | | |
| Cencal MPS-NS Series | RS232 (9600,O,8,1) | Data area word and dword add 0-FFFF | | • |
| Notes: | Network address AAAA fixed | | | |
| HITACHI | | | | |
| EM (CPM-E3) – EC | RS232 (9600,E,7,1) | M400...939 RW, M940...991 R T/C0...T/C295 R | | • |
| Notes: | VT configuration: issue number 99h External switch on COM2, internal switch n. 2 = ON • read write of X, Y areas | | | |
| IDEC IZUMI | | | | |
| MICRO 3 | RS485 (9600,E,7,1) | D0...D99 | | • |
| Notes: | • C 0...31, I 0...37, M 0...287, Q 0...37, R 0...63, T 0...31 | | | |
| IZUMI | | | | |
| FA 2, 2J | RS232 (300-9600,N/E/O,7/8,1/2) | See table | | • |
| Notes: | | | | |
| Address | | | | |
| Counter current value CNT0-47 | Counter preset value CNT0-47 | Data register DR0-99 | Expansion data register DR100-3999 | |
| Timer preset value TIM : 0 - 79 | Shift register SFR 0 - 127 | Timer (10ms) TIM : 1100 - 1179 | Timer current value TIM : 0 - 79 | |
| Expansion output 2200-2207; 2210-2217;2220-2227;2230- 2237;2240-2247;2250-2257; 2260-2267;2270-2277;2280- 2287;2290-2297;2300-2307; 2310-2317;2320-2327;2330- 2337;2340-2347;2350-2357 | Expansion input 2000-2007; 2010-2017;2020-2027;2030- 2037;2040-2047;2050-2057; 2060-2067;2070-2077;2080- 2087;2090-2097;2100-2107; 2110-2117;2120-2127;2130- 2137;2140-2147;2150-2157 | Expansion internal relay IR 2400- 2407;2410-2417;2420-2427;2430- 2437;2440-2447;2450-2457;2460- 2467;2470-2477;2480-2487;2490- 2497;2500-2507;2510-2517;2520- 2527;2530-2537;2540-2547;2550- 2557;2560-2567;2570-2577;2580- 2587;2590-2597;2600-2607;2610- 2617;2620-2627;2630-2637;2640- 2647;2650-2657;2660-2667; | output 200-207;210-217; 220-227;230-237;240-247; 250-257;260-267;270-277; 280-287;290-297;300-307; 310-317;320-327;330-337; 340-347;350-357 | |
| InternalRelay:400-407;410-417;420-427;430-437;440-447;450-457;460-467;470-477; 480-487;490-497;500-507;510-517;520-527;530-537;540-547;550-557;560-567;570- 577;580-587;590-597;600-607;610-617;620-627;630-637;640-647;650-657;660-667; 670-677;680-687;690-697;700-707;710-717 | | | Input: 0-7;10-17;20-27;30-37;40-47;50-57;60-67; 70-77;80-87;90-97;100-107;110-117;120-127;130- 137;140-147;150-157 | |
| | | | | |
| KV | RS232 (9600...19200,E,8,1) | DM0...9999 | | • |
| Notes: | • T 0...249, C 0...249, R 1000...6915 | | | |

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• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

♣ = Only MSP

PLCs (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW | |
|---|--|--|-------------------|-------------------|
| KLÖCKNER MOELLER | | | | |
| PS306 - PS316 - PS416 CPU223 | RS485 (9600,N,8,2) | MW0...MW2172 | • | |
| Notes: | | • IW 0...63, QW 0...62 | | |
| PS416 CPU400 | RS232/485 (9600,N,8,2) | %MW0...%MW4344 | x | |
| Notes: | | | | |
| PS4 201 MM1 / PS4 141 / PS4 151 | RS232 (9600,N,8,1) | MB0...MB16383 | • | |
| Notes: | | Connect only to PLC port PRG • AI 0...1, AO 0, I 0...7, O 0...5 | | |
| PS4 341 MM1 | RS232 (9600,N,8,2) | M0...M14999 | • | |
| Notes: | | | | |
| KUHNKE | | | | |
| Kubes | RS232 (9600,O,8,1) | See table | • | |
| Notes: | | 680 series doesn't supports BI and DB5 address | | |
| Address | | | | |
| BI00.00-BI15.15 | DB200.00-DB215.15 | SI00.00-SI15.15 | R00.00-R15.15 | SBR00.00-SBR15.15 |
| BM00.00-BM15.15 | DB300.00-DB315.15 | IO0.00-I15.15 | BC00.00-BC15.15 | SR00.00-SR15.15 |
| BO00.00-BO15.15 | DB400.00-DB415.15 | M00.00-M15.15 | BD00-15.15 | |
| SBM00-SBM15.15 | DB500.00-DB515.15 | SM00.00-SM15.15 | BR00.00-BR15.15 | |
| DB000.00-DB000.00 | DB600.00-DB615.15 | SO00.00-SO15.15 | SBC00.00-SBC15.15 | |
| DB100.00-DB115.15 | DB700.00-DB715.15 | O00.00-O15.15 | SBD00.00-SBR15.15 | |
| LG (Goldstar) | | | | |
| K10S/K30S/K60S/K100Se, Mcrolink ML14 | RS232 (9600,N,8,1) | See table | • | |
| Notes: | | | | |
| Adress | | | | |
| Aux.Relay M 0 - 31 (bit 0 - F) | Special Relay F 0 - 15 (bit 0 - F) | | | |
| Input/Output P 0 - 5 (bit 0 - F) | Timer T 0 - 127 (setting, current, bit | | | |
| Link Relay L 0 - 15 (bit 0 - F) | Counter C 0 - 127 (setting, current, | | | |
| Retentive Relay K 0 - 15 (bit 0 - F) | Data D - 255 | | | |
| LG (Goldstar) | | | | |
| K10S1 | RS232 (9600,N,8,1) | See table | • | |
| Notes: | | | | |
| Adress | | | | |
| Aux.Relay M 0 - 15 (bit 0 - F) | Special Relay F 0 - 15 (bit 0 - F) | | | |
| Input/Output P 0 - 1 (bit 0 - F) | Timer T 0 - 47 (setting, current, bit | | | |
| Link Relay L 0 - 7 (bit 0 - F) | Counter C 0 - 47 (setting, current, | | | |
| Retentive Relay K 0 - 7 (bit 0 - F) | Data D - 63 | | | |
| MITSUBISHI | | | | |
| A | RS232/422 (9600,O,8,1) | D0...D6143 | • | |
| N.B. Not available for VT50 and VT60 | Notes: Connect only to CPU serial port Station number = 00, PC number = FF Protocol mode "4" (Mode switch = "D") Station no. switch = "00" | | | |
| FX | RS422 (19200,E,7,1) | D0...D2047 | • | |
| Notes: | | • AR 0...127, IR 0...15, OR 0...15, T 0...255, C 0...255 | | |
| NAIS – MATSUSHITA | | | | |
| FP | RS232/422 (9600,O,8,1) | DT0...DT10240 | • | |
| Notes: | | Additional interface set to COMPUTER LINK mode • WX 0...511, WR 0...887, WY 0...511, T/C 0...3072 | | |

x = standard protocol : only data memory areas

• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

♣ = Only MSP

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PLCs (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|--|--|----------------------------------|----------------------------------|
| OMRON | | | |
| H – CQM1 – CVM1 – CPM1 – Host Link | RS232/422 (9600...19200,E,7,2) | DM0...1000, 0...6655 (C1000) | • ♣ |
| Notes: | The PLC is SLAVE n. 00 Connection with CPM1 via optional interface unit • AR0...27, C0...511, HR0...99, LR0...63, RO...255, T0...511 | | |
| OMRON | | | |
| CS1 | RS232 (9600...19200,E/O/N,8/7,1/2) | See table | • |
| Notes: | | | |
| Adress | | | |
| Auxiliary area bit A 448 - 959, 0-15 | | Counter current value C 0 - 4095 | Index Register IR 0-15 |
| Auxiliary area word A 448 - 959 | | Work area bit W0 - 511,0-15 | Task flag area TK 0-31 |
| Auxiliary area bit (read only) A 0 - 447, 0-15 | | Work area word W0 - 511 | Timer completion flag T 0 - 4095 |
| Auxiliary area word (read only) A 0 - 447 | | Data memory area D : 0 - 32767 | Timer current value T 0 - 4095 |
| Core I/O bit CIO 0 - 319; 1000 - 2959; 3000 - 3049; 3100 - 3131; 3800 – 6143; 0 - 15 | | Data register DR 0-15 | Work area bit W0 - 511,0-15 |
| Core I/O word CIO 0 - 319; 1000 - 2959; 3000 - 3049; 3100 - 3131; 3800 - 6143 | | Holding Area bit H 0 - 511, 0-15 | Work area word W0 - 511 |
| Counter completion flag C 0 - 4095 | | Holding Area word H 0 - 511 | |
| SAIA | | | |
| PCD (S-Bus) | RS232/485 (300...38400,N,8,1) | R0...R4095 | • |
| Notes: | PLC port in S-BUS slave/parity mode. PLC address = 0...254 • T/C 0...1599, I/O 0...511, F 0...8191 | | |
| SCHLEICHER | | | |
| CPU 10 (P02) – CPU 20 (P03) | RS232 (9600,N,8,1) | W0...37777, 0...377 (VT1/2/4) | X ♣ |
| Notes: | CPU address = 01 Connected to COM2. Setpoint area must be created with CALL FKT PDNET function (see Schleicher guide). Operates with CPU in RUN mode only. | | |
| FCS 5 | RS232/RS422 (9600,N,8,1) | Word 0,0...999,15 | X ♣ |
| Notes: | CPU address = 01 Setpoint area must be created with a function in the PLC (see Schleicher guide). Operates with CPU in RUN mode only. | | |
| SIEMENS | | | |
| 90, 95, 100, 115 (CPU 941...944) | C.L. (9600,E,8,1) | DB2...255, DW0...255 | • |
| Notes: | • Z 0...47, E 0...27, M 0...191, A 0...127, T 0...255 (E, A, M : only even addresses) In VT1xx the T and Z areas are not available | | |
| 115 (CPU 945) | C.L. (9600,E,8,1) | DB2...255, DW0...255 | x |
| Notes: | | | |
| SIEMENS | | | |
| S7 200 (ppi) | RS485 (9600,E,8,1) | VW0...VW5116 | • ♦ ♣ |
| Notes: | PLC/VT address = 0..126 • T/C 0...127, I/O 0.0...7.7, M 0.0...31.7, SM 0.0...85.7 | | |

x = standard protocol : only data memory areas

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♦ = Floating point

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PLCs (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|--|---|--|--------|
| SPRECHER + SCHUH | | | |
| 90 / COM0 | RS232/422 (19200,E,7,1) | WM0...WM3FF | • |
| Notes: | VT network address = FFFF0000 • WX 0...4FF9, M 0...3FFF, WR 0...4FF9, TC 0...1FF | | |
| TEXAS INSTRUMENTS | | | |
| Series 5 Profibus | 115200 | See table | • |
| Notes: | | | |
| Adress | | | |
| Control relay image register C : 1 - 32768 | | Event drum step current DSC : 1 - 2048 | |
| word image register WX : 1 - 8192, WY : 1 - 8192 | | Status word STW : 1 - 238 | |
| constant K : 1 - 65536 | | time/counter current TCC : 1 - 2048 | |
| Drum/event drum preset DSP: 1 - 2048 | | time/counter preset TCP: 1 - 2048 | |
| Drum/event drum count current DCC: 1 - 2048 | | user variable V : 1 - 65536 | |
| Drum/event drum step current DCP: 1 - 2048 STEP : 1 - 16 | | | |
| TOSHIBA | | | |
| EX 100 M20 – M40 | C.L. (4800...19200,E,8,1) | D0...D1535 | • |
| Notes: | • Read / write of R/RW, X, Y, C, T | | |
| T1 – T2 – T3 | RS232 (9600,O,8,1) | %D0...%D8191 | • |
| Notes: | • Read / write of %X, %Y, %R/RW, %S/SW, %T, %C | | |

STANDARD NETWORKS (Connection: for VT5x0, VT170W, VT190W it's necessary an optional board)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|---|--|----------------------------------|--------|
| PROFIBUS-DP | | | |
| SIEMENS S5 115U 941, 942, 943, 944, 945 | 12 mbit/s | *** | • |
| S7-300 CPU 315-DP | 12 mbit/s | *** | • |
| S7-400 CPU 413-DP, 414-DP, 416-DP | 12 mbit/s | *** | • |
| Saia PCD Master | 12 mbit/s | *** | • |
| Notes: | *** The read / write capability of the VT depends on the used protocol. See protocol section in this document for details. FB for communicating in Profibus is necessary (supplied by ESA) N.B: only VT170W and VT190W | | |
| INTERBUS-S | | | |
| SIEMENS S5 115U 941, 942, 943, 944, 945 | 500 kbit/s | *** | • |
| SIEMENS S7 CPU 314, 315, 315-2 DP | 500 Kbit/s | *** | • |
| Notes: | *** The read / write capability of the VT depends on the used protocol. See protocol section in this document for details. FB for communicating in Interbus is necessary (supplied by ESA) With the S7-300 it is necessary the module IBS S7300CB-T N.B: only VT170W and VT190W | | |

x = standard protocol : only data memory areas

• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

♣ = Only MSP

OTHER PROTOCOLS (Connection in MSP / COM1...4)

| Protocol type | Interface / Parameters | Free memory in VT | VTxxxW |
|---------------------------|--------------------------------|-------------------|--------|
| INTELLIGENT FREE TERMINAL | 232/422/485/C.L. (300...38400) | Xi 0...Xi 999 | |
| Notes: Only VT50/VT60 | | | |

OTHER DEVICES (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|---------------|------------------------|----------------------------------|--------|
|---------------|------------------------|----------------------------------|--------|

ABB

| | | | |
|---|---------------------------|-------------|---|
| Indax, Triax, Pentax axis controller | RS232/485 (1200...115200) | DW 0..59999 | • |
| Notes: VT = master. Device = slave 1..247 | | | |

ABB

| | | | |
|--|--------------------------|-----------|---|
| Bivector 300 Series Motor drive | RS485 (2400-38400;E,8,1) | See table | • |
| Notes: Network address: 1-254 N.B. Not available for VT50 and VT60 Rev.1 | | | |

| | |
|--|--|
| User table (num 0 - 31) parameters: | |
| Operating mode, Power Switches | Speed pop.gain,speed int.gain,speed |
| Analog torque limitation, Enable ramps | Pos.pop.gain,pos.int.gin,target val.,targ. |
| Target table, ratio num, ratio den. | Error,ntx.table. |
| Syncro dir, Sync.phase shift | Absolute protocol parameters: |
| Digital torq. Ref.,Dig. Speed ref.,Pos.ref., | Actual speed/position |
| Pos.torq.lim.,Neg.torq.lim.,Max.phase | Current module, |
| Max.pos.speed,Max.neg.speed,Motor | Reference torque/speed |
| Brake pow.lim.,CW/CCW acc.ramp., | Parameters regarding the state: |
| CW/CCW dec.ramp,torq.ref.filter, | Warning,Failures,First Failure |

ALLEN BRADLEY

| | | | |
|-----------------------------|--------------------|-----------|--------|
| IMC S-CLASS axis controller | RS232 (9600,N,8,1) | U0...U999 | • ♦ |
| Notes: | | | |

ATLAS COPCO CONTROLS

| | | | |
|---------------------------------|------------------------------|----------------------------|---|
| DMC digital Motion Controller | RS232/422 (300...9600,N,8,1) | group=0..255,member=0..255 | • |
| Notes: Network Address = 0...15 | | | |

DANFOSS

| | | | |
|-----------------------------------|--------------------------|-----------------------------|--------|
| VLT-2800/5000/6000 Motion control | RS485 (300...9600,E,8,1) | Data string Data counter | • ♦ |
| Notes: | | | |

| | |
|---|--|
| Parameters: | |
| Byte RAM parameter | text Parameter |
| Byte RAM EEPROM parameter | Preset output frequency |
| Integer RAM parameter | Status word |
| Integer RAM EEPROM parameter | Index (DEC): 1 - 2047 |
| Unsign.Integer RAM parameter | Sub-index (DEC): 0 - 255 |
| Unsign.Integer RAM EEPROM parameter | Command: |
| Long RAM parameter | activate relay, Coasting stop,DC braking |
| Long RAM EEPROM parameter | Freeze out.freq.,jog,Quick stop, ramp start/stop |
| reset,reverse,select speed,select setup | |

x = standard protocol : only data memory areas

• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

•• = VT570: protocol given only on request.

♣ = Only MSP

OTHER DEVICES (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|---|-------------------------------------|--|--------|
| DATALOGIC | | | |
| Bar Code Reader DL910 | RS232 (300..19200,N/E/O,7/8,1/2) | Data string Data counter | • ♦ |
| Notes: | | | |
| EVER | | | |
| MPP 14-01 axis controller | 232 (9600,E,8,1) | Data Area 0...199 | • |
| Notes: | | | |
| Fanuc | | | |
| R-J series robot motion control | 232 (4800,O,8,1) | Register 1-999 | • |
| Notes: | | | |
| GE | | | |
| VAT 23D inverter | RS485 (300..9600,N/E,8,2) | C, Fx, FR, A, B, M | • |
| Notes: VT = master. Device = slave 1...32 | | | |
| GEFRAN | | | |
| Cecal 800/1600/1800 temperature controller | RS232 (1200/9600,O,8,1) | Data area byte and word add 0-FFFF | • |
| Notes: Network address 0-9999 | | | |
| HENGSTLER | | | |
| 901/906 temperature controller | RS485 (1200..9600,E/N/O,8,1) | Parameter 1-16 (bit); 1..39,121..122 (word) | • |
| Notes: VT = master. Device = slave 1...255 VT170W/VT190W ASP RS232 / RS485 translator is needed (Direction by DTR) | | | |
| LENZE | | | |
| 82X inverter | RS232/485 (1200...19200,E,7,1) | Code 0...FFFF, Subcode 0...FF | • ♦ |
| Notes: Lenze address = 0...31 | | | |
| SEW. | | | |
| Eurodrive Movidyn motor drive | RS422/485 (9600,N,8;1) | IPOS variables Index 0-255 Parameters Index 30-39;43-45;52-63;68-76;79-81;83-83;90-94;96-104;106-126;128-133;165-165;600-609;620-620;700-702;704-720;722-723;725-725;1000-1004;1009-1012 Read only parameters Index0-4;6-7;9-10;12-23;400-439;610-618;721-721;1017-1017 | • |
| Notes: Network address 0-255 | | | |
| Siel | | | |
| S link motor control | RS485 (300-19200,E,8,1) | | • |
| Notes: Network address 0-127 | | | |
| Parameters: | | | |
| command | integer read only parameter | status word | |
| Float parameter | long parameter | text parameter | |
| Float readonly parameter | long read only parameter | text read only parameter | |
| integer parameter | malfunction code | | |
| Telemecanique | | | |
| Altivar Modbus | RS232/485 (19200,N,8;1) | W 0-65535 | • |
| Notes: Network address 0-31 | | | |

x = standard protocol : only data memory areas

• = enhanced protocol : more PLC memory areas (see notes)

♦ = Floating point

♣ = Only MSP

OTHER DEVICES (VTxxxW = MSP, ASP)

| Brand / Model | Interface / Parameters | Memory seen by VT (See notes) | VTxxxW |
|------------------------------------|--------------------------------------|---|--------|
| WEST | | | |
| 6100 / 6600 temperature controller | RS232/485 (1200...9600,E/N/O,8,1) | Bit 1...16. Reg. 1...39,121,122 | • |
| Notes: | | Connected device address = 1...255 VT170W/VT190W ASP RS232 / RS485 translator is needed (Direction by DTR) | |

- x = standard protocol : only data memory areas
 • = enhanced protocol : more PLC memory areas (see notes)
 ♦ = Floating point
 ♣ = Only MSP

Makers: ABB
Models: COMLI protocol
Device: PLC

Driver type

New v1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master - Slave

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 247 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------------|------|------|----------|---------|--------|
| Register | Word | RW | Register | 0-3071 | Dec |
| I/O Bits Block | Word | RW | Offset | 0-1023 | Dec |
| I/O Bits | Bit | RW | Bit | 0-16383 | Oct |
| Register | Word | RW | Register | 0-3071 | Dec |
| I/O Bits Block | Word | RW | Offset | 0-1023 | Dec |

Makers: ALLEN BRADLEY
Models: Ethernet IP for 1761-NET-ENI
Device: PLC

Driver type

New

Communication mode

Network

VT

Network tipology

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 1000 kbit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Cables

VT Parameters

| Name | Min | Max | Type |
|-----------------|-----|--------------|------------|
| IP Address | 0 | 4,294967E+09 | IP Address |
| Subnet mask | 0 | 4,294967E+09 | IP Address |
| Gateway address | 0 | 4,294967E+09 | IP Address |

Device Parameters

| Name | Min | Max | Type |
|-------------------|-----|--------------|------------|
| Device IP address | 0 | 4,294967E+09 | IP Address |
| Port | 0 | 65535 | Dec |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------|-------|------|--------------|--------------------|------------|
| Integer | Word | RW | File Element | 7, 10-254 0-254 | Dec Dec |
| Bit | Word | RW | File Element | 3, 10-254 0-254 | Dec Dec |
| Timer Acc | Word | R | File Element | 4, 10-254 0-254 | Dec Dec |
| Timer Pre | Word | RW | File Element | 4, 10-254 0-254 | Dec Dec |
| Counter Acc | Word | R | File Element | 5, 10-254 0-254 | Dec Dec |
| Counter Pre | Word | RW | File Element | 5, 10-254 0-254 | Dec Dec |
| Input | Word | R | File Element | 1, 10-254 0-254 | Dec Dec |
| Output | Word | RW | File Element | 0, 10-254 0-254 | Dec Dec |
| Floating | DWord | RW | File Element | 8, 10-254 0-254 | Dec Dec |
| Ascii | Word | RW | File | 10-254 | Dec |

| | | | | | |
|------|-------|----|---------|-------|-----|
| | | | Element | 0-254 | Dec |
| Long | DWord | RW | File | 9-254 | Dec |
| | | | Element | 0-254 | Dec |

Makers: ALLEN BRADLEY
Models: 503-DH485
Device: PLC

Driver type

Upgrade v1.09

Communication parameters

| | |
|-----------|-----------|
| Baud rate | 96k-19.2k |
| Parity | e |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master-Slave

Network typology

Master-Slave

Network Address

1 ÷ 31

Address mode

Decimal

Cables

RS485

Accessible Area

| Type | Format | Range (dec-exe) | Read/Write | Note |
|-------------|-------------|---|------------|------|
| Ascii | String | File (DEC): 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Bit | Bit | File (DEC): 3 - 3; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Counter Acc | Counter ACC | File (DEC): 5 - 5; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Counter Pre | Counter Pre | File (DEC): 5 - 5; 10 - 255 Element (DEC): 0 - 255 | R | |
| Floating | Dword | File (DEC): 8 - 8; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Input | Input | File (DEC): 1 - 1; 10 - 255 Element (DEC): 0 - 255 | R | |
| Integer | Word | File (DEC): 7 - 7; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Output | Output | File (DEC): 0 - 0; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Timer ACC | Timer Acc | File (DEC): 4 - 4; 10 - 255 Element (DEC): 0 - 255 | R/W | |
| Timer Pre | Timer Pre | File (DEC): 4 - 4; 10 - 255 Element (DEC): 0 - 255 | R | |

Makers: ALLEN BRADLEY
Models: Micrologix 1500
Device: PLC

Driver type

Upgrade v1.04

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------|------|------|-----------------|-------------------|------------|
| Integer | Word | RW | File Element | 7, 8-254 0-254 | Dec Dec |
| Timer Pre | Word | RW | File Element | 4, 8-254 0-254 | Dec Dec |
| Timer Acc | Word | RW | File Element | 4, 8-254 0-254 | Dec Dec |
| Counter Pre | Word | RW | File Element | 5, 8-254 0-254 | Dec Dec |
| Counter Acc | Word | RW | File Element | 5, 8-254 0-254 | Dec Dec |
| Input | Word | R | File Element | 1, 8-254 0-254 | Dec Dec |
| Output | Word | RW | File Element | 0, 8-254 0-254 | Dec Dec |
| Bit | Word | RW | File Element | 3, 8-254 0-254 | Dec Dec |

Makers: ASCON
Models: XS-XP-XN-XC-XT-XF Series
Device: THERMOREGULATOR

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 4800 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 63 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------------------------|-------|------|-----------|-------|--------|
| X (Value of reg. var) | DWord | R | Invisible | 0 | Dec |
| W (Current setpoint) | DWord | R | Invisible | 0 | Dec |
| WL (Local setpoint) | DWord | RW | Invisible | 0 | Dec |
| WT (Target setpoint) | DWord | R | Invisible | 0 | Dec |
| Y (Value of output register) | DWord | R | Invisible | 0 | Dec |
| A (Alarm status) | DWord | R | Invisible | 0 | Dec |
| O (Operation mode) | DWord | R | Invisible | 0 | Dec |
| ACC (Access index to parameter group) | DWord | RW | Invisible | 0 | Dec |
| ATU (Self tuning enable) | DWord | RW | Invisible | 0 | Dec |
| ADR (S.C.I. instrument address) | DWord | RW | Invisible | 0 | Dec |
| BDR (S.C.I. baudrate) | DWord | RW | Invisible | 0 | Dec |
| PAR (S.C.I. parity) | DWord | RW | Invisible | 0 | Dec |
| HY1 (Min output histeresys) | DWord | RW | Invisible | 0 | Dec |
| PB1 (Proportional band) | DWord | RW | Invisible | 0 | Dec |
| TI1 (Integral time) | DWord | RW | Invisible | 0 | Dec |
| TD1 (Derivate time) | DWord | RW | Invisible | 0 | Dec |
| TC1 (Cycle time) | DWord | RW | Invisible | 0 | Dec |
| YH1 (Main output max value) | DWord | RW | Invisible | 0 | Dec |

| | | | | | |
|---------------------------------------|-------|----|-----------|-----|-----|
| FF (Feed forward action) | DWord | RW | Invisible | 0 | Dec |
| PB2 (Cold output proportional band) | DWord | RW | Invisible | 0 | Dec |
| TI2 (Cold output integral time) | DWord | RW | Invisible | 0 | Dec |
| TD2 (Cold output derivative time) | DWord | RW | Invisible | 0 | Dec |
| DB (Cold/Warm algorithm death zone) | DWord | RW | Invisible | 0 | Dec |
| TC2 (Cold output cycle time) | DWord | RW | Invisible | 0 | Dec |
| YH2 (Cold output max value) | DWord | RW | Invisible | 0 | Dec |
| DY (Modulation output death zone) | DWord | RW | Invisible | 0 | Dec |
| TY (Mot. valve rotation time) | DWord | RW | Invisible | 0 | Dec |
| APL (Approach low) | DWord | RW | Invisible | 0 | Dec |
| APH (Approach high) | DWord | RW | Invisible | 0 | Dec |
| SA2 (Output setpoint) | DWord | RW | Invisible | 0 | Dec |
| HY2 (Y2 output histeresys) | DWord | RW | Invisible | 0 | Dec |
| SA3 (Y3 output setpoint) | DWord | RW | Invisible | 0 | Dec |
| HY3 (Y3 output histeresys) | DWord | RW | Invisible | 0 | Dec |
| MAX (Setpoint max value) | DWord | RW | Invisible | 0 | Dec |
| MIN (Setpoint min value) | DWord | RW | Invisible | 0 | Dec |
| INS (Input shift) | DWord | RW | Invisible | 0 | Dec |
| SLD (Slope down) | DWord | RW | Invisible | 0 | Dec |
| SLU (Slope up) | DWord | RW | Invisible | 0 | Dec |
| SDL (Serial slope down) | DWord | RW | Invisible | 0 | Dec |
| SUL (Serial slope up) | DWord | RW | Invisible | 0 | Dec |
| FIL (Constant time of digital filter) | DWord | RW | Invisible | 0 | Dec |
| CY (Execution cycle) | DWord | R | Invisible | 0 | Dec |
| NCY (Number of program reiteration) | DWord | RW | Invisible | 0 | Dec |
| PR (Segment in execution) | DWord | R | Invisible | 0 | Dec |
| TIM (Residue time of segment) | DWord | R | Invisible | 0 | Dec |
| NPR (Segment of program) | DWord | RW | Invisible | 0 | Dec |
| nSP (Setpoint of segment n) | DWord | RW | n | 0-9 | Dec |
| nDU (Span of segment n) | DWord | RW | n | 0-9 | Dec |
| nER (Error band of segment n) | DWord | RW | n | 0-9 | Dec |
| nY2 (Y2 or Y3 status in segment n) | DWord | RW | n | 0-9 | Dec |
| FSP (Setpoint of segment F) | DWord | RW | Invisible | 0 | Dec |
| FDU (Span of segment F) | DWord | RW | Invisible | 0 | Dec |
| FER (Error band of segment F) | DWord | RW | Invisible | 0 | Dec |
| FY2 (Y2 or Y3 status in segment F) | DWord | RW | Invisible | 0 | Dec |
| SL1 (Memory value setpoint 1) | DWord | RW | Invisible | 0 | Dec |
| SL2 (Memory value setpoint 2) | DWord | RW | Invisible | 0 | Dec |
| SL3 (Memory value setpoint 3) | DWord | RW | Invisible | 0 | Dec |

| | | | | | |
|---------------------------------------|-------|----|-----------|---|-----|
| SL4 (Memory value setpoint 4) | DWord | RW | Invisible | 0 | Dec |
| CN1 (First configuration code) | DWord | RW | Invisible | 0 | Dec |
| CN2 (Second configuration code) | DWord | RW | Invisible | 0 | Dec |
| DDC (Decimal point position) | DWord | RW | Invisible | 0 | Dec |
| RHC (High range configuration) | DWord | RW | Invisible | 0 | Dec |
| RLC (Low range configuration) | DWord | RW | Invisible | 0 | Dec |
| MOD (Model identification) | DWord | R | Invisible | 0 | Dec |
| REL (Software release identification) | DWord | R | Invisible | 0 | Dec |
| NES (Software execution number) | DWord | R | Invisible | 0 | Dec |
| YL1 Main output min value | DWord | RW | Invisible | 0 | Dec |
| FDE Fuzzy derivate | DWord | RW | Invisible | 0 | Dec |
| TSA Sampling time | DWord | RW | Invisible | 0 | Dec |
| RCR Warm relative gain | DWord | RW | Invisible | 0 | Dec |
| SV1 Security state of Y1 | DWord | RW | Invisible | 0 | Dec |
| SV2 Security state of Y2 | DWord | RW | Invisible | 0 | Dec |
| SV3 Security state of Y3 | DWord | RW | Invisible | 0 | Dec |
| SR1 Remote setpoint linear | DWord | RW | Invisible | 0 | Dec |
| SR2 Remote setpoint linear | DWord | RW | Invisible | 0 | Dec |
| SR3 Remote setpoint linear | DWord | RW | Invisible | 0 | Dec |

Makers: ATOS
Models: MPC1600, MPC2002, MPC4004
Device: PLC

Driver type

Upgrade v1.02

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 1200-19200 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master - Slave

Cables

RS232/RS484

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------|------|------|--------|------------|--------|
| Flag | Byte | RW | F | 0-1023 | Hex |
| Register | Byte | RW | R | 1024-65535 | Hex |

Makers: B&R
Models: NET2000
Device: PLC

Driver type

New v1.00

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 57600 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 2 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------|------|------|-----------|-------|--------|
| Variables | Byte | RW | Invisible | 0 | Dec |

Makers: Bosch
Models: CL150/CL200/CL400/CL500
Device: PLC

Driver type

New v.1.00

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------|-------|------|--------------------------|-----------------|-------------|
| Input image (bit) | Bit | R | CPU/Input block/Bit | 0-3/0-255/0-7 | Dec/Dec/Dec |
| Input image | Byte | R | CPU/Input block | 0-3/0-255 | Dec/Dec |
| Output image (bit) | Bit | RW | CPU/Output block/Bit | 0-3/0-255/0-7 | Dec/Dec/Dec |
| Output image | Byte | RW | CPU/Output block | 0-3/0-255 | Dec/Dec |
| Merker (bit) | Bit | RW | CPU/Merker/Bit | 0-3/0-255/0-7 | Dec/Dec/Dec |
| Merker | Byte | RW | CPU/Merker | 0-3/0-255 | Dec/Dec |
| Data field (bit) | Bit | RW | CPU/Data field/Bit | 0-3/0-65535/0-7 | Dec/Dec/Dec |
| Data field | Byte | RW | CPU/Data field | 0-3/0-65535 | Dec/Dec |
| Data block | Byte | RW | CPU/Data block/Address | 0-3/0-255/0-511 | Dec/Dec/Dec |
| Timer status | Bit | R | CPU/Timer | 0-3/0-255 | Dec/Dec |
| Timer value | DWord | R | CPU/Timer/Base time | 0-3/0-255/0-3 | Dec/Dec/Dec |
| Counter status | Bit | R | CPU/Counter | 0-3/0-255 | Dec/Dec |
| Counter value | Word | RW | CPU/Counter | 0-3/0-255 | Dec/Dec |
| Merker (timer) | Word | RW | CPU/Merker/Base time | 0-3/0-255/0-3 | Dec/Dec/Dec |
| Data field (timer) | Word | RW | CPU/Data field/Base time | 0-3/0-65535/0-3 | Dec/Dec/Dec |

Makers: CMZ
Models: CTE 158
Device: MOTION CONTROL
Protocol : Modbus protocol

Driver type

New v.1.02

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232/422/485

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|---------------|-----|-----|------|
| Slave address | 1 | 247 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------|------|------|-----------|---------------|------------|
| Data area (Bit) | Bit | RW | DB Bit | 0-8191 0-7 | Dec Dec |
| Data area (Byte) | Byte | RW | DB | 0-8191 | Dec |
| Data area (Word) | Byte | RW | DW | 0-59998 | Dec |
| Data area (Dword) | Byte | RW | DD | 0-59996 | Dec |
| Data area (String) | Byte | RW | DW | 0-59998 | Dec |

Makers: CONTROL TECHNIQUES
Models: UNIDRIVE
Device: MOTOR DRIVE

Driver type

New v.1.08

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232/RS485

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|---------------|-----|-----|------|
| Group address | 1 | 9 | Dec |
| Unit address | 1 | 9 | Dec |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------------------|-------|------|-------------|-------------|--------|
| Word register | Word | RW | Menu Par | 0-20 | Dec |
| | | | | 0-99 | Dec |
| ASCII-Float register | Raw | RW | Menu Par | 0-20, 70-73 | Dec |
| | | | | 0-99 | Dec |
| Floating point register | DWord | RW | Menu Par | 0-20, 70-73 | Dec |
| | | | | 0-99 | Dec |
| Dword register | DWord | RW | Menu Par | 70-73 | Dec |
| | | | | 0-99 | Dec |

Makers: CROUZET
Models: Millenium 3 series
Device: PLC

Driver type

New

Communication mode

Network

VT

Network topology

Communication parameters

| | |
|-----------|--------------|
| Baud rate | 115200 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Cables

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------|------|------|---------|-------|--------|
| Slin | Word | RW | Address | 1-24 | Dec |
| Slout | Word | R | Address | 25-48 | Dec |

Makers: ELECTREX
Models: DEPT
Device: OTHERS

Driver type

New v.1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 7 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| Time before TX (msec.) | 0 | 1000 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 30 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------------|------|------|--------|-------------|--------|
| Holding register | Word | RW | Addr. | 40001-40003 | Dec |
| Input register | Word | R | Addr. | 30001-30028 | Dec |
| Coil | Bit | RW | Addr. | 1-8 | Dec |

Makers: ESA PROFILE (full address)
Models: Phoenix IBS ISA FC Series
Device: Interbus

Driver type

New v.1.01

Communication parameters

| | |
|-----------|----------|
| Baud rate | 500 kb/s |
| Parity | None |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Not applicable

Cables

RS485

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|---------------------|-----|-----|------|
| Area length (Word) | 4 | 4 | Dec |
| Timeout (1/100 sec) | 0 | 200 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------|-------|------|-----------|---------|--------|
| Word area | Word | RW | [W] VAR_ | 0-32000 | Dec |
| Integer area | Word | RW | [I] VAR_ | 0-32000 | Dec |
| Double word area | DWord | RW | [DW] VAR_ | 0-32000 | Dec |
| Double integer area | DWord | RW | [DI] VAR_ | 0-32000 | Dec |
| String area | Word | RW | [S] VAR_ | 0-32000 | Dec |

Makers: Esa elettronica spa
Models: VT50 / VT 60
Device: Free Terminal

Driver type

Upgrade V1.01

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 300-115200 bit/s |
| Parity | N, E ,O |
| Data | 8, 7 |
| Stop | 1, 2 |

Communication mode

Point to Point

VT

n.a.

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------|------|------|--------|-------|--------|
| | | | | | |

Makers: EUROTHERM
Models: 631 / 635 / 637 (CAN)
Device: MOTOR DRIVE

Driver type

New v.1.01

Communication parameters

| | |
|-----------|-----------|
| Baud rate | 1000 kb/s |
| Parity | None |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

CAN Bus

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|-------------|-----|-----|------|
| Node number | 0 | 127 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------|-------|------|--------------|------------------|------------|
| Variables | DWord | RW | N. | 0-255 | Dec |
| Markers | Bit | RW | N. | 0-255 | Dec |
| Status | Word | R | Invisible | 0 | Dec |
| Commands | Byte | RW | Invisible | 0 | Dec |
| Parameters | Byte | RW | N. Offset | 256-65535 2-5 | Hex Dec |
| CAN status | Word | R | Invisible | 0 | Dec |

Makers: FAGOR
Models: DNC Protocol
Device: MOTOR DRIVE

Driver type

New v.1.01

Communication parameters

| | |
|-----------|--------------------|
| Baud rate | 9600 - 19200 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------------------------------|-------|------|--------------------|----------------------|-------------------|
| Parameter | DWord | RW | Code Number | 0-16 0-999 | Dec Dec |
| Parameter (string format) | Raw | RW | Code Number | 0-16 0-999 | Dec Dec |
| Parameter with set | DWord | RW | Code Number Set | 0-16 0-999 0-7 | Dec Dec Dec |
| Parameter with set (string format) | Raw | RW | Code Number Set | 0-16 0-999 0-7 | Dec Dec Dec |
| Variable | DWord | RW | Code Number | 0-18 0-999 | Dec Dec |
| Variable (string format) | Raw | RW | Code Number | 0-18 0-999 | Dec Dec |
| PLC variable (bit word) | Word | RW | Resource Id Number | 1-99 0-999 | Dec Dec |
| PLC variable (char) | Byte | RW | Resource Id Number | 1-99 0-999 | Dec Dec |
| PLC variable (short) | Word | RW | Resource Id Number | 1-99 0-999 | Dec Dec |
| PLC variable (long) | DWord | RW | Resource Id | 1-99 | Dec |

| | | | | | |
|----------------------------|-------|----|--------------------|------------------------|-------------------|
| | | | Number | 0-999 | Dec |
| MC variable (bit word) | Word | R | Resource Id Number | 1-99 0-999 | Dec Dec |
| MC variable (char) | Byte | R | Resource Id Number | 1-99 0-999 | Dec Dec |
| MC variable (short) | Word | R | Resource Id Number | 1-99 0-999 | Dec Dec |
| MC variable (long) | DWord | R | Resource Id Number | 1-99 0-999 | Dec Dec |
| Word parameter list | Word | R | Code Number Item | 0-15 0-999 0-255 | Dec Dec Dec |
| Double word parameter list | DWord | R | Code Number Item | 0-15 0-999 0-255 | Dec Dec Dec |
| Word variable list | Word | R | Code Number Item | 0-17 0-999 0-255 | Dec Dec Dec |
| Double word variable list | DWord | R | Code Number Item | 0-17 0-999 0-255 | Dec Dec Dec |
| Parameter | DWord | RW | Code Number | 0-16 0-999 | Dec Dec |

Makers: FOXBORO
Models: P6008 Protocol
Device: PLC

Driver type

Upgrade V1.04

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

n.a.

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 63 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------------------|------|------|--------------|-------|--------|
| RTU Address | Byte | R | Invisible | 0 | Dec |
| RTU Configuration | Byte | R | Invisible | 0 | Dec |
| Signal Block 0 | Byte | R | Signal | 0-999 | Dec |
| Analog Input Block 0 | Word | R | Analog input | 0-999 | Dec |
| Counter | Word | R | Counter | 0-999 | Dec |

Makers: FUJI
Models: Micrex-F
Device: PLC

Driver type

New v1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS422

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 63 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------|-------|------|------------------|---------------------------|------------|
| B | Word | RW | Address | 0-65535 | Hex |
| M | Word | RW | Address | 0-65535 | Hex |
| K | Word | RW | Address | 0-65535 | Hex |
| F | Word | RW | Address | 0-65535 | Hex |
| A | Word | RW | Address | 0-65535 | Hex |
| D | Word | RW | Address | 0-65535 | Hex |
| W9 | DWord | RW | Address | 0-65535 | Hex |
| W | Word | RW | Index Address | 21-24, 120-123 0-65535 | Dec Hex |
| W (SI) | Word | RW | Index/Address | 30-109/0-65535 | Dec/Hex |
| W (DI) | DWord | RW | Index/Address | 30-109/0-65535 | Dec/Hex |
| W (BD) | DWord | RW | Index/Address | 30-109/0-65535 | Dec/Hex |
| WL | Word | RW | Address | 0-65535 | Hex |
| TS | DWord | RW | Address | 0-65535 | Hex |
| TR | DWord | RW | Address | 0-65535 | Hex |
| CS | DWord | RW | Address | 0-65535 | Hex |
| CR | DWord | RW | Address | 0-65535 | Hex |
| BD | DWord | RW | Address | 0-65535 | Hex |

Makers: GE FANUC
Models: 90 – 30 Series
Device: PLC

Driver type

Upgrade v1.05

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232/422

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------------|------|------|--------|---------|--------|
| Register | Word | RW | %R | 1-16384 | Dec |
| Discrete internal | Byte | RW | %MW | 1-768 | Dec |
| Discrete input | Byte | R | %IW | 1-768 | Dec |
| Discrete output | Byte | RW | %QW | 1-768 | Dec |

Makers: GE POWER CONTROLS
Models: VAT-2000
Device: MOTOR DRIVE

Driver type

New v1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 4800 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 2 |

Communication mode

Point to Point

VT

Master

Cables

RS422

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 32 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------------------------|-------|------|-----------|--|------------|
| Data settings | DWord | RW | Data | 0-4 | Dec |
| Command | Raw | RW | Invisible | 0 | Dec |
| Parameters A | DWord | RW | A - | 0-5, 10-11, 20 0-7 | Dec Dec |
| Parameters B | DWord | RW | B - | 0-3, 5-6, 10-11, 13-15, 17-25, 30-36, 40-45, 50- 59 0-9 | Dec Dec |
| Parameters C | DWord | RW | C - | 0-15, 20-26, 30-34, 50-51 0-9 | Dec Dec |
| Parameters D (monitor) | DWord | R | D - | 0-7, 11, 21 0-5 | Dec Dec |
| Latest fault history | Word | R | Invisible | 0 | Dec |
| Previous fault history | Word | R | Invisible | 0 | Dec |
| 2nd to last fault history | Word | R | Invisible | 0 | Dec |
| 3rd to last fault history | Word | R | Invisible | 0 | Dec |

Makers: HBM BALANCE
Models: WE2110
Device: OTHERS

Driver type

New v1.02

Communication parameters

| | |
|-----------|------------|
| Baud rate | 4800 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 2 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------|-------|------|-----------|-------|--------|
| Weight | DWord | R | Invisible | 0 | Dec |

Makers: HITACHI
Models: COMM H
Device: PLC

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS422

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|--------------|------|
| LUMP parameter | 0 | 4,294967E+09 | Hex |
| Office number | 0 | 49 | Hex |
| TM parameter | 0 | 15 | Hex |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------------------|-------|------|--------|----------|--------|
| Word data area | Word | RW | WM | 0-1023 | Hex |
| Word external input | Word | RW | WX | 0-20473 | Hex |
| Bit external input | Bit | RW | X | 0-327519 | Hex |
| Word external output | Word | RW | WY | 0-2043 | Hex |
| Bit external output | Bit | RW | Y | 0-327519 | Hex |
| Word internal output | Word | RW | WR | 0-20473 | Hex |
| Timer/Counter | Word | RW | TC | 0-511 | Hex |
| Bit data area | Bit | RW | M | 0-16383 | Hex |
| Dword data area | DWord | RW | DM | 0-1023 | Hex |
| Bit CPU link area | Bit | RW | L | 0-16383 | Hex |
| Word CPU link area | Word | RW | WL | 0-1023 | Hex |
| Dword CPU link area | DWord | RW | DL | 0-1023 | Hex |
| Bit internal output | Bit | RW | R | 0-1983 | Hex |
| Dword internal output | DWord | RW | DR | 0-20473 | Hex |

Makers: HITACHI
Models: EH150/H250/H252B-C/H302/H702/H1002/H2002/H4002
Device: PLC

Driver type

Upgrade v1.03

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|--------------|------|
| LUMP parameter | 0 | 4,294967E+09 | Hex |
| TM parameter | 0 | 15 | Hex |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------------------|-------|------|--------|----------|--------|
| Word data area | Word | RW | WM | 0-1023 | Hex |
| Word external input | Word | RW | WX | 0-20473 | Hex |
| Bit external input | Bit | RW | X | 0-327519 | Hex |
| Word external output | Word | RW | WY | 0-2043 | Hex |
| Bit external output | Bit | RW | Y | 0-327519 | Hex |
| Word internal output | Word | RW | WR | 0-20473 | Hex |
| Timer/Counter | Word | RW | TC | 0-511 | Hex |
| Bit data area | Bit | RW | M | 0-16383 | Hex |
| Dword data area | DWord | RW | DM | 0-1023 | Hex |
| Bit CPU link area | Bit | RW | L | 0-16383 | Hex |
| Word CPU link area | Word | RW | WL | 0-1023 | Hex |
| Dword CPU link area | DWord | RW | DL | 0-1023 | Hex |
| Bit internal output | Bit | RW | R | 0-1983 | Hex |
| Dword internal output | DWord | RW | DR | 0-20473 | Hex |

Makers: HITACHI
Models: Hboard/H200/H300/H700/H1000/H2000
Device: PLC

Driver type

Upgrade v1.09

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|--------------|-----|-----|------|
| TM parameter | 0 | 15 | Hex |
| | | | |
| | | | |

Accessible Area

| | | | | | |
|-----------------------|-------|----|----|----------|-----|
| Word data area | Word | RW | WM | 0-1023 | Hex |
| Word external input | Word | RW | WX | 0-20473 | Hex |
| Word internal output | Word | RW | WR | 0-20473 | Hex |
| Timer/Counter | Word | RW | TC | 0-511 | Hex |
| Bit data area | Bit | RW | M | 0-16383 | Hex |
| Bit external input | Bit | RW | X | 0-327519 | Hex |
| Bit external output | Bit | RW | Y | 0-327519 | Hex |
| Word external output | Word | RW | WY | 0-20473 | Hex |
| Dword data area | DWord | RW | DM | 0-1023 | Hex |
| Bit CPU link area | Bit | RW | L | 0-16383 | Hex |
| Word CPU link area | Word | RW | WL | 0-1023 | Hex |
| Dword CPU link area | DWord | RW | DL | 0-1023 | Hex |
| Bit internal output | Bit | RW | R | 0-1983 | Hex |
| Dword internal output | DWord | RW | DR | 0-20473 | Hex |

Makers: HITACHI
Models: L-100 Series
Device: MOTOR DRIVE

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 4800 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS422

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------|------|------|--------|---|--------|
| Data area | Byte | RW | Addr | 63360-64024, 64351, 64424, 64426, 64516, 64522, 64530, 64546, 64574, 64592, 64676 | Hex |

Makers: KAWASAKI
Models: D+ Robot
Device: MOTION CONTROL

Driver type

New

Communication mode

Point to Point

VT

Network tipology

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 2 |

Cables

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------|-------|------|-----------|-------|--------|
| Variables (numeric) | DWord | RW | Invisible | 0 | Dec |
| Variables (string) | Byte | RW | Invisible | 0 | Dec |
| Where JT1 | DWord | R | Invisible | 0 | Dec |
| Where JT2 | DWord | R | Invisible | 0 | Dec |
| Where JT3 | DWord | R | Invisible | 0 | Dec |
| Where JT4 | DWord | R | Invisible | 0 | Dec |
| Where JT5 | DWord | R | Invisible | 0 | Dec |
| Where JT6 | DWord | R | Invisible | 0 | Dec |
| Where (Axis X) | DWord | R | Invisible | 0 | Dec |
| Where (Axis Y) | DWord | R | Invisible | 0 | Dec |
| Where (Axis Z) | DWord | R | Invisible | 0 | Dec |
| Where (Angle O) | DWord | R | Invisible | 0 | Dec |
| Where (Angle A) | DWord | R | Invisible | 0 | Dec |
| Where (Angle T) | DWord | R | Invisible | 0 | Dec |
| Execution speed | Byte | RW | Invisible | 0 | Dec |
| Commands | Byte | RW | Invisible | 0 | Dec |

Makers: KEB
Models: F0-F4C-F4F-F4S-S4 Series
Device: MOTOR DRIVE

Driver type

Upgrade v1.03

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232/RS485/RS422

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 239 | Dec |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------|------|------|--------|-------|--------|
| Parameter Cn | Word | RW | Cn | 0-33 | Dec |
| Parameter uf | Word | RW | uf | 0-17 | Dec |
| Parameter ru | Word | RW | ru | 0-46 | Dec |
| Parameter OP | Word | RW | OP | 0-33 | Dec |
| Parameter Pc | Word | RW | Pc | 0-19 | Dec |
| Parameter Pd | Word | RW | Pd | 0-12 | Dec |
| Parameter Sn | Word | RW | Sn | 0-15 | Dec |
| Parameter SP | Word | RW | SP | 0-22 | Dec |
| Parameter Pn | Word | RW | Pn | 0-60 | Dec |
| Parameter dr | Word | RW | dr | 0-42 | Dec |
| Parameter ud | Word | RW | ud | 0-91 | Dec |
| Parameter Fr | Word | RW | Fr | 0-9 | Dec |
| Parameter An | Word | RW | An | 1-25 | Dec |
| Parameter di | Word | RW | di | 0-21 | Dec |
| Parameter do | Word | RW | do | 0-31 | Dec |
| Parameter Le | Word | RW | Le | 0-69 | Dec |
| Parameter In | Word | RW | In | 0-59 | Dec |
| Parameter CS | Word | RW | CS | 0-14 | Dec |
| Parameter ds | Word | RW | ds | 0-1 | Dec |
| Parameter Pr | Word | RW | Pr | 4-41 | Dec |
| Parameter EC | Word | RW | EC | 0-16 | Dec |
| Parameter AA | Word | RW | AA | 0-13 | Dec |
| Parameter CP | Word | RW | CP | 0-24 | Dec |

Makers: MITSUBISHI
Models: FX Link
Device: PLC

Driver type

New

Communication mode

Point to Point

VT

Network tipology

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 2 |

Cables

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| VT address | 0 | 15 | Dec |
| Transmission status (D) | 0 | 7999 | Dec |
| Silence timeout (sec.) | 3 | 60 | Dec |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 15 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------------|------|------|--------|--------|--------|
| Input | Bit | R | X | 0-337 | Dec |
| Output | Bit | RW | Y | 0-337 | Dec |
| Auxiliary relay | Bit | RW | M | 0-8255 | Dec |
| State | Bit | RW | S | 0-999 | Dec |
| Counter contact | Bit | RW | CS | 0-255 | Dec |
| Timer contact | Bit | RW | TS | 0-255 | Dec |
| Data register | Word | RW | D | 0-8255 | Dec |
| Counter | Word | RW | CN | 0-255 | Dec |
| Timer | Word | RW | TN | 0-255 | Dec |

Makers: MOTOR DRIVE
Models: LENZE 93xx (CAN)
Device: CANOPEN

Driver type

Upgrade v1.08

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 10 - 1000 kbit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

CAN

VT Parameters

| Name | Min | Max | Type |
|---------------------|-----|-------|------|
| Boot up time (msec) | 0 | 65000 | Dec |
| Sync. time (msec) | 0 | 65000 | Dec |
| Cyclic time (msec) | 0 | 65000 | Dec |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 128 | Dec |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------------|-------|------|--------------|---------------|---------|
| Parameter channel 1 WORD | Word | RW | Code/Subcode | 1-65535/0-255 | Dec/Dec |
| Parameter channel 1 DWORD | DWord | RW | Code/Subcode | 1-65535/0-255 | Dec/Dec |
| Parameter channel 2 WORD | Word | RW | Code/Subcode | 1-65536/0-255 | Dec/Dec |
| Parameter channel 2 DWORD | DWord | RW | Code/Subcode | 1-65535/0-255 | Dec/Dec |
| CAN In 1 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 1 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 1 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 1 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN In 2 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 2 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 2 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 2 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN In 3 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 3 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 3 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 3 DWORD | DWord | RW | Offset | 0-4 | Dec |
| Status var | Word | RW | Invisible | 0 | Dec |
| Commands | Word | RW | Invisible | 0 | Dec |

Makers: MOTOR DRIVE
Models: LENZE 93xx CAN Master
Device: CANOPEN

Driver type

Upgrade v1.05

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 10 - 1000 kbit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Slave

Cables

CAN

VT Parameters

| Name | Min | Max | Type |
|--------------------|-----|-------|------|
| Terminal address | 1 | 128 | Dec |
| Sync. time (msec) | 0 | 65000 | Dec |
| Cyclic time (msec) | 0 | 65000 | Dec |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 128 | Dec |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------------|-------|------|-----------------|---------------|---------|
| Parameter channel 1 WORD | Word | RW | Code/Subcode | 1-65535/0-255 | Dec/Dec |
| Parameter channel 1 DWORD | DWord | RW | Code Subcode | 1-65535/0-255 | Dec/Dec |
| Parameter channel 2 WORD | Word | RW | Code/Subcode | 1-65536/0-255 | Dec/Dec |
| Parameter channel 2 DWORD | DWord | RW | Code/Subcode | 1-65535/0-255 | Dec/Dec |
| CAN In 1 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 1 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 1 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 1 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN In 2 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 2 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 2 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 2 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN In 3 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN In 3 DWORD | DWord | RW | Offset | 0-4 | Dec |
| CAN Out 3 WORD | Word | RW | Offset | 0-6 | Dec |
| CAN Out 3 DWORD | DWord | RW | Offset | 0-4 | Dec |
| Status var | Word | RW | Invisible | 0 | Dec |
| Commands | Word | RW | Invisible | 0 | Dec |

Makers: MODBUS
Models: Master (fast peripherals)
Device: PLC

Driver type

Upgrade v1.06

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232 / RS422 / RS485

Network Address

1 ÷ 255

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| Idle chars before TX | 0 | 100 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------|------|------|--------|---------|--------|
| Bit | Bit | RW | Addr | 0-65535 | Hex |
| Word | Word | RW | Addr | 0-65535 | Hex |

Makers: MODBUS
Models: Master (slow peripherals)
Device: PLC

Driver type

Upgrade v1.04

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 9600-19200 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232 / RS422 / RS485

Network Address

1 ÷ 255

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| Idle chars before TX | 0 | 100 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------------|------|------|--------|---------|--------|
| Bit | Bit | RW | Addr | 0-65535 | Hex |
| Word | Word | RW | Addr | 0-65535 | Hex |
| Input register | Word | RW | Addr. | 0-65535 | Hex |

Makers: MODBUS
Models: Slave
Device: PLC

Driver type

Upgrade v1.02

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 9600-19200 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Slave

Cables

RS232 / RS422 / RS485

Network Address

1 ÷ 255

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|-----|------|
| Idle chars before TX | 0 | 100 | Dec |
| Protocol timeout (sec.) | 0 | 15 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------|------|------|--------|--------|--------|
| Bit | Bit | RW | B | 0-2047 | Hex |
| Word | Word | RW | W | 0-2047 | Hex |

Makers: OMRON
Models: 3G3EV Series (fast peripherals)
Device: MOTOR DRIVE

Driver type

Upgrade v1.06

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| Idle chars before TX | 0 | 100 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------------|------|------|--------|---|--------|
| Parameter | Word | RW | n | 1-69 | Dec |
| Modbus register | Word | RW | n | 0-3, 9, 32-36, 39, 40, 43-45, 49, 61, 900 | Hex |

Makers: PANASONIC
Models: MMS *XP Series
Device: MOTOR DRIVE

Driver type

New v1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-----------------------------|-------|------|--------------|--------|--------|
| Protocol setting | Byte | RW | Invisible | 0 | Dec |
| System parameters | Word | R | Number | 0-31 | Hex |
| Current position | DWord | R | Invisible | 0 | Dec |
| Current speed | Word | R | Invisible | 0 | Dec |
| Current torque | Word | R | Invisible | 0 | Dec |
| Current position error | Word | R | Invisible | 0 | Dec |
| Parameters | Word | RW | Number | 0-63 | Hex |
| Alarm contents | Word | R | Alarm number | 1-6 | Dec |
| Alarm history | Word | R | Alarm number | -12--1 | Dec |
| Step data: position | DWord | RW | Point | 1-28 | Dec |
| Step data: speed select | Byte | RW | Point | 1-28 | Dec |
| Step data: positioning mode | Byte | RW | Point | 1-28 | Dec |
| Speed data | Word | RW | Speed | 0-15 | Dec |
| NC data | Word | RW | Data | 0-9 | Dec |
| Input port | Word | R | Invisible | 0 | Dec |
| Status output port | Word | R | Invisible | 0 | Dec |

| | | | | | |
|-------------------------------|-------|----|------------------------------|------------|------------|
| Offset data: origin | DWord | RW | Invisible | 0 | Dec |
| Offset data: soft limit + | DWord | RW | Invisible | 0 | Dec |
| Offset data: soft limit - | DWord | RW | Invisible | 0 | Dec |
| Offset data: auxiliary info | DWord | RW | Invisible | 0 | Dec |
| Command: clear alarm | Byte | RW | Invisible | 0 | Dec |
| Command: delete alarm history | Byte | RW | Invisible | 0 | Dec |
| Command: write to EEPROM | Byte | RW | Invisible | 0 | Dec |
| Command: control mode | Byte | RW | Invisible | 0 | Dec |
| Command: stop | Byte | RW | Invisible | 0 | Dec |
| Command: originating return | Byte | RW | Invisible | 0 | Dec |
| Command: start jog | Byte | RW | Speed selection Direction | 0-1 0-1 | Dec Dec |
| Command: stepping | Byte | RW | Step | 1-28 | Dec |

Makers: SAIA
Models: PCD
Device: PLC

Driver type

New v1.04

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parità | even |
| Data | 7 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------|-------|------|--------|--------|--------|
| Register | DWord | RW | R | 0-4095 | Dec |
| Counter | DWord | RW | C | 0-1599 | Dec |
| Timer | DWord | R | T | 0-1599 | Dec |
| Flag | Bit | RW | F | 0-8191 | Dec |
| Input | Bit | R | I | 0-511 | Dec |
| Output | Bit | RW | O | 0-511 | Dec |

Makers: SAIA
Models: S-BUS
Device: PLC

Driver type

New v1.05

Communication parameters

| | |
|-----------|--------------------|
| Baud rate | 9600 - 38400 bit/s |
| Parità | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232/RS485

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 254 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------|-------|------|--------|--------|--------|
| Register | DWord | RW | R | 0-4095 | Dec |
| Flag | Bit | RW | F | 0-8191 | Dec |
| Input | Bit | R | I | 0-511 | Dec |
| Output | Bit | RW | O | 0-511 | Dec |
| Counter | DWord | RW | C | 0-1599 | Dec |
| Timer | DWord | RW | T | 0-1599 | Dec |

Makers: S.B.C.
Models: HPD2,HPD5,HPD8,HPD16
Device: MOTOR DRIVE

Driver type

Upgrade

Communication parameters

| | |
|-----------|------------|
| Baud rate | 600-115200 |
| Parity | E |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master - Slave

Cables

RS422/RS485

Network Address

0 ÷ 31

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------------|-------------------|-------------------------|--------|----------------------------|--------|
| bit | bit | Add 0-FF bit 0-F(h) | R/W | R/W depending by parameter | |
| Register | Byte, word, dword | Add 0-FF(h) | R/W | R/W depending by parameter | |
| Ec4 Register bit | bit | Add 0-255bit 0-31(d) | R/W | | |
| Ec4 Register | dword | Add 0-255(d) | R/W | | |

Makers: S.B.C.
Models: SLVD protocol
Device: MOTOR DRIVE

Driver type

New v1.00

Communication parameters

| | |
|-----------|--------------|
| Baud rate | 115200 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

Network Address

0 ÷ 31

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------|------|------|----------------|---------------|------------|
| Register | Byte | RW | Address | 0-8191 | Hex |
| Bit | Bit | RW | Address Bit | 0-8191 0-7 | Hex Hex |

Makers: SEW-EURODRIVE
Models: Movidrive
Device: MOTOR DRIVE

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------|-------|------|--------|------------|--------|
| Parameter value | DWord | RW | Index | 8192-24575 | Dec |
| Parameter property | DWord | R | Index | 8192-24575 | Dec |

Makers: SEW-EURODRIVE
Models: Movitrac
Device: MOTOR DRIVE

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------|-------|------|--------|---|--------|
| Parameter | DWord | RW | Index | 21-42, 79-92, 96-98, 102-106, 110-124, 126-127, 129-156, 158-160, 162-168, 170-172, 174-189, 194-196, 202-203, 205-213, 221, 223, 225, 226, 230, 236, 246-250, 251-254, 256-259, 260-263, 265, 267-270, 272-275, 277-281, 285-287, 291-296, 302, 304, 310-315, 321-328, 329-330, 601-609, 700-702, 704-705, 707-723, 1000-1004, 1010-1012 | Dec |
| Read-only parameter | DWord | R | Index | 0-2, 4-6, 8-13, 17-18, 157-197, 214-215, 237, 271, 284, 298-301, 306, 308, 309, 400, 402-404, 406-409, 411-413, 415-418, 420-422, 424-427, 429-431, 433-436, 438-440, 442-444, 600, 610-618, 706, 1009, 1017 | Dec |

Makers: SIEMENS
Models: 135/SLOT PLC
Device: PLC

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

Current Loop

Network Address

0 ÷ 126

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------|------|------|----------|----------------|------------|
| DBW | Word | RW | DB DW | 2-255 0-255 | Dec Dec |
| Merker | Byte | RW | M | 0-255 | Dec |
| Input | Byte | R | E | 0-127 | Dec |
| Output | Byte | RW | A | 0-127 | Dec |
| Timer | Word | R | T | 0-127 | Dec |
| Counter | Word | R | Z | 0-127 | Dec |

Makers: SIEMENS
Models: S7 300,400
Device: PLC

Driver type

Upgrade v1.13

Communication parameters

| | |
|-----------|--------------|
| Baud rate | 187500 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

Network Address

0 ÷ 126

VT Parameters

| Name | Min | Max | Type |
|------------------|-----|-----|------|
| Terminal address | 0 | 31 | Dec |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------|------|------|--------|---------|--------|
| DBW | Byte | RW | DB | 1-4095 | Dec |
| | | | DBW | 0-65533 | Dec |
| Merker | Byte | RW | M | 0-2047 | Dec |
| Counter | Word | R | Z | 0-511 | Dec |
| Timer | Word | R | T | 0-511 | Dec |
| Input | Byte | RW | E | 0-16383 | Dec |
| Output | Byte | RW | A | 0-16383 | Dec |

Makers: SIEMENS
Models: S7 200 PPI Network
Device: PLC

Driver type

Upgrade v1.06

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master - Slave

Cables

RS485

Network Address

0 ÷ 126

VT Parameters

| Name | Min | Max | Type |
|--------------------------|-----|-----|------|
| Terminal address | 0 | 126 | Dec |
| Max network scan address | 1 | 126 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 126 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------|------|------|-------------|--------------|------------|
| Input | Bit | R | Byte Bit | 0-7 0-7 | Dec Dec |
| Output | Bit | RW | Byte Bit | 0-7 0-7 | Dec Dec |
| Merker | Bit | RW | Byte Bit | 0-31 0-7 | Dec Dec |
| Special merker | Bit | RW | Byte Bit | 0-194 0-7 | Dec Dec |
| Register | Byte | RW | VB | 0-5119 | Dec |
| Timer | Word | RW | T | 0-255 | Dec |
| Counter | Word | RW | C | 0-255 | Dec |
| High speed counter | Word | RW | HC | 0-2 | Dec |

Makers: SIEMENS
Models: S7 200 PPI Network 187500
Device: PLC

Driver type

New v1.01

Communication parameters

| | |
|-----------|--------------|
| Baud rate | 187500 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

Network Address

0 ÷ 126

VT Parameters

| Name | Min | Max | Type |
|--------------------------|-----|-------|------|
| Terminal address | 0 | 126 | Dec |
| Max network scan address | 0 | 126 | Dec |
| Protocol timeout | 500 | 10000 | Dec |

Device Parameters

| Name | Min | Max | Type |
|-----------------------|-----|-----|------|
| Device address | 0 | 126 | Dec |
| Max number of retries | 3 | 30 | Dec |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------|------|------|--------|--------|--------|
| Register | Byte | RW | VB | 0-5119 | Dec |
| Timer | Word | RW | T | 0-255 | Dec |
| Counter | Word | RW | C | 0-255 | Dec |
| High speed counter | Word | RW | HC | 0-2 | Dec |
| Merker | Bit | RW | Byte | 0-31 | Dec |
| | | | Bit | 0-7 | Dec |
| Special merker | Bit | RW | Byte | 0-194 | Dec |
| | | | Bit | 0-7 | Dec |
| Input | Bit | R | Byte | 0-7 | Dec |
| | | | Bit | 0-7 | Dec |
| Output | Bit | RW | Byte | 0-7 | Dec |
| | | | Bit | 0-7 | Dec |

Makers: SIEMENS
Models: Simovert VC series
Device: MOTOR DRIVE

Driver type

New v1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS485

Network Address

0 ÷ 30

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 30 | Dec |
| N. PZD word | 0 | 16 | Dec |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|---------------------|-------|------|-----------------|---------------|------------|
| Parameters | DWord | RW | Parameter | 1-999 | Dec |
| Array of parameters | DWord | RW | Parameter Index | 1-999 1-99 | Dec Dec |
| PZD command word | Word | RW | Word | 1-16 | Dec |
| PZD status word | Word | R | Word | 1-16 | Dec |

Makers: Standard (64 W IN, 64 W OUT)
Models: Profibus standard
Device: PROFIBUS

Driver type

New v.1.00

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Slave – DP

Cables

Profibus

Network Address

Profibus - DP

VT Parameters

| Name | Min | Max | Type |
|---------------------|-----|-------|------|
| Area length (byte) | 8 | 128 | Dec |
| Timeout (1/100 sec) | 200 | 10000 | Dec |
| Terminal address | 1 | 125 | Dec |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------------------|------|------|---------------|--------------|------------|
| Data bit IN/IN | Bit | RW | Offset Bit | 0-127 0-7 | Dec Dec |
| Data bit IN/OUT | Bit | RW | Offset Bit | 0-127 0-7 | Dec Dec |
| Data bit OUT | Bit | R | Offset Bit | 0-127 0-7 | Dec Dec |
| Data register IN/IN | Byte | RW | Offset | 0-127 | Dec |
| Data register IN/OUT | Byte | RW | Offset | 0-127 | Dec |
| Data register OUT | Byte | R | Offset | 0-127 | Dec |

Makers: TDE Macno
Models: DMBL Series
Device: Motor drive

Driver type

Upgrade v1.03

Communication parameters

| | |
|-----------|-----------|
| Baud rate | 9600 bits |
| Parity | n |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master-Slave

Network tipology

Master-Slave

Network Address

0 ÷ 253

Address mode

Decimal

Cables

RS485

Accessible Area

| Type | Format | Range (dec-exe) | Read/Write | Note |
|--------------------------------|--------|-----------------|------------|---|
| Actual parameters | Word | RW | Parameter | 1-19, 20-25, 27, 30-36, 41-46, 49-63, 71-72, 75-87, 92, 94-95, 99 |
| EEPROM parameters | Word | R | Parameter | 1-19, 20-25, 27, 30-36, 41-46, 49-63, 71-72, 75-87, 92, 94-95, 99 |
| Values | Word | R | Value | 0-21 |
| Alarm list | Word | R | Invisible | 0 |
| First alarm | Word | R | Invisible | 0 |
| Physical input | Word | R | Invisible | 0 |
| Physical output | Word | R | Invisible | 0 |
| Logical output state (O9-O24) | Word | R | Invisible | 0 |
| Logical output state (O25-O40) | Word | R | Invisible | 0 |
| Logical input state (I9-I24) | Word | R | Invisible | 0 |
| Logical input state (I25-I40) | Word | R | Invisible | 0 |
| Machine status | Word | R | Invisible | 0 |
| Internal link (RAM) | Word | RW | Link | 1-40, 51-89 |
| Internal link (EEPROM) | Word | R | Link | 1-40, 51-89 |
| Direct command | Word | RW | Command | 41-45 |

Makers: TELEMECANIQUE
Models: TSX17/20,TSX47...67
Device: PLC
Protocol : Reglage

Driver type

Upgrade v1.02

Communication parameters

| | |
|-----------|-------------|
| Baud rate | 19200 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

Current Loop + adapter / Current Loop

Network Address

n.a.

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|----------------|------|------|-------------|-------------|------------|
| Register | Word | RW | W | 0-32000 | Dec |
| Bit | Bit | RW | B | 0-255 | Dec |
| Bit Input | Bit | R | Module B | 0-2 0-31 | Dec Dec |
| Bit Output | Bit | RW | Module O | 0-2 0-15 | Dec Dec |
| Timer Value | Word | R | T | 0-31 | Dec |
| Timer Preset | Word | RW | T | 0-31 | Dec |
| Counter Value | Word | R | C | 0-31 | Dec |
| Counter Preset | Word | RW | C | 0-31 | Dec |
| Register | Word | RW | W | 0-32000 | Dec |
| Bit | Bit | RW | B | 0-255 | Dec |
| Bit Input | Bit | R | Module B | 0-2 0-31 | Dec Dec |

Makers: TELEMECANIQUE
Models: Unitelway TSX07/37/47/57 (Premium)
Device: PLC

Driver type

Upgrade v1.07

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 9600-19200 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Slave

Cables

RS485

VT Parameters

| Name | Min | Max | Type |
|------------------|-----|-----|------|
| Terminal address | 4 | 31 | Dec |
| Module | 0 | 254 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------|------|------|--------|---------|--------|
| Word | Word | RW | %MW | 0-32000 | Dec |

Makers: TELEMECANIQUE
Models: Unitelway TSX17
Device: PLC

Driver type

Upgrade v1.07

Communication parameters

| | |
|-----------|------------------|
| Baud rate | 9600-19200 bit/s |
| Parity | odd |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Slave

Cables

RS485

VT Parameters

| Name | Min | Max | Type |
|------------------|-----|-----|------|
| Terminal address | 4 | 31 | Dec |
| Module | 0 | 254 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 31 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------|------|------|--------|---------|--------|
| Word | Word | RW | %MW | 0-32000 | Dec |

Makers: TEXAS INSTRUMENTS
Models: Series 5 binary protocol
Device: PLC

Driver type

Upgrade v1.02

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Master

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------------------------------|------|------|-------------|----------------|------------|
| Discrete image register X | Bit | RW | X | 1-8192 | Dec |
| Discrete image register Y | Bit | RW | Y | 1-8192 | Dec |
| Word image register WX | Word | RW | WX | 1-8192 | Dec |
| Word image register WY | Word | RW | WY | 1-8192 | Dec |
| Control relay (C) image register | Bit | RW | C | 1-32768 | Dec |
| Drum/Event drum preset (DSP) | Word | RW | DSP | 1-2048 | Dec |
| Drum/Event drum step current (DCP) | Word | RW | DCP STEP | 1-2048 1-16 | Dec Dec |
| Timer/counter preset (TCP) | Word | RW | TCP | 1-2048 | Dec |
| Event drum step current (DSC) | Word | R | DSC | 1-2048 | Dec |
| Drum/Event drum count current (DCC) | Word | R | DCC | 1-2048 | Dec |
| Timer/counter current (TCC) | Word | R | TCC | 1-2048 | Dec |
| Status word (STW) | Word | R | STW | 1-238 | Dec |
| User variable | Word | RW | V | 1-65536 | Dec |
| Register K | Word | RW | K | 1-65536 | Dec |
| TPET | Word | R | TPET | 1-16 | Dec |

Makers: TRIO MOTION
Models: TRIO MOTION (Modbus)
Device: MOTION CONTROL

Driver type

Upgrade v1.06

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Master

Cables

RS232/RS422

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| Idle chars before TX | 0 | 100 | Dec |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 1 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|------------------|------|------|--------|-------|--------|
| Coil | Bit | RW | C | 0-271 | Dec |
| Holding register | Word | RW | H | 0-250 | Dec |

Makers: VIGOR
Models: M/VB series
Device: PLC

Driver type

Communication mode

VT

Network topology

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | even |
| Data | 7 |
| Stop | 1 |

Cables

VT Parameters

| Name | Min | Max | Type |
|------|-----|-----|------|
| | | | |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Device address | 0 | 255 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|--------------------------------|-------|------|--------|-----------|--------|
| Data register (general) | Word | RW | D | 0-8191 | Dec |
| Data register (special) | Word | RW | D | 9000-9255 | Dec |
| Auxiliary relay | Bit | RW | M | 0-5119 | Dec |
| Special relay | Bit | RW | M | 9000-9255 | Dec |
| State relay | Bit | RW | S | 0-999 | Dec |
| Input relay | Bit | RW | X | 0-777 | Dec |
| Output relay | Bit | RW | Y | 0-777 | Dec |
| Timer - Current value | Word | R | T | 0-255 | Dec |
| Counter 16 bit - Current value | Word | R | C | 0-199 | Dec |
| Counter 32 bit - Current value | DWord | R | C | 200-255 | Dec |

Makers: WEST
Models: MLC 9000 Modbus
Device: THERMOREGULATOR

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Point to Point

VT

Cables

RS485

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Module address | 1 | 247 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------------------|------|------|-----------|-------|--------|
| Register | Word | RW | Object | 0-15 | Dec |
| | | | Instance | 0-7 | Dec |
| | | | Parameter | 0-31 | Dec |
| Bit | Bit | RW | Object | 0-15 | Dec |
| | | | Instance | 0-7 | Dec |
| | | | Bit | 0-31 | Dec |
| Process variable | Word | R | Object | 15 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 24 | Dec |
| Process variable offset | Word | RW | Object | 0 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 5 | Dec |
| Actual setpoint | Word | R | Object | 15 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 23 | Dec |
| Setpoint 1 | Word | RW | Object | 2 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 3 | Dec |
| Setpoint 2 | Word | RW | Object | 2 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 4 | Dec |

| | | | | | |
|---------------------|------|----|---------------------------------|---------------|-------------------|
| Setpoint switch | Word | RW | Object Instance Parameter | 2 0 2 | Dec Dec Dec |
| Setpoint ramp | Word | RW | Object Instance Parameter | 2 0 1 | Dec Dec Dec |
| Heat output power | Word | R | Object Instance Parameter | 15 0 22 | Dec Dec Dec |
| Cool output power | Word | R | Object Instance Parameter | 15 0 21 | Dec Dec Dec |
| Status indicator | Word | R | Object Instance Parameter | 15 0 25 | Dec Dec Dec |
| Manual power | Word | RW | Object Instance Parameter | 3 0 9 | Dec Dec Dec |
| Alarm 1 value | Word | RW | Object Instance Parameter | 4 0 2 | Dec Dec Dec |
| Alarm 2 value | Word | RW | Object Instance Parameter | 4 1 2 | Dec Dec Dec |
| Heater current | Word | R | Object Instance Parameter | 6 0 25 | Dec Dec Dec |
| Manual power select | Bit | RW | Object Instance Bit | 3 0 0 | Dec Dec Dec |

Makers: WEST
Models: MLC 9000 Intrabus
Device: THERMOREGULATOR

Driver type

Upgrade v1.01

Communication parameters

| | |
|-----------|------------|
| Baud rate | 9600 bit/s |
| Parity | none |
| Data | 8 |
| Stop | 1 |

Communication mode

Network

VT

Cables

RS232

VT Parameters

| Name | Min | Max | Type |
|-------------------------|-----|------|------|
| Protocol timeout (msec) | 500 | 5000 | Dec |
| | | | |
| | | | |

Device Parameters

| Name | Min | Max | Type |
|----------------|-----|-----|------|
| Module address | 1 | 14 | Dec |
| | | | |
| | | | |

Accessible Area

| Name | Type | Mode | Fields | Range | Format |
|-------------------------|------|------|-----------|-------|--------|
| Register | Word | RW | Object | 0-15 | Dec |
| | | | Instance | 0-7 | Dec |
| | | | Parameter | 0-31 | Dec |
| Bit | Bit | RW | Object | 0-15 | Dec |
| | | | Instance | 0-7 | Dec |
| | | | Bit | 0-31 | Dec |
| Process variable | Word | R | Object | 15 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 24 | Dec |
| Process variable offset | Word | RW | Object | 0 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 5 | Dec |
| Actual setpoint | Word | R | Object | 15 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 23 | Dec |
| Setpoint 1 | Word | RW | Object | 2 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 3 | Dec |
| Setpoint 2 | Word | RW | Object | 2 | Dec |
| | | | Instance | 0 | Dec |
| | | | Parameter | 4 | Dec |

| | | | | | |
|---------------------|------|----|---------------------------------|---------------|-------------------|
| Setpoint switch | Word | RW | Object Instance Parameter | 2 0 2 | Dec Dec Dec |
| Setpoint ramp | Word | RW | Object Instance Parameter | 2 0 1 | Dec Dec Dec |
| Heat output power | Word | R | Object Instance Parameter | 15 0 22 | Dec Dec Dec |
| Cool output power | Word | R | Object Instance Parameter | 15 0 21 | Dec Dec Dec |
| Status indicator | Word | R | Object Instance Parameter | 15 0 25 | Dec Dec Dec |
| Manual power | Word | RW | Object Instance Parameter | 3 0 9 | Dec Dec Dec |
| Alarm 1 value | Word | RW | Object Instance Parameter | 4 0 2 | Dec Dec Dec |
| Heater current | Word | R | Object Instance Parameter | 6 0 25 | Dec Dec Dec |
| Manual power select | Bit | RW | Object Instance Bit | 3 0 0 | Dec Dec Dec |
| Alarm 2 value | Word | RW | Object Instance Parameter | 4 1 2 | Dec Dec Dec |