| Controller (type) Controller (photo) | C300 | P300 | C3221 C (HW 3.x) | C3231 C (HW 3.x) | C3251 C (HW3.x) | P500 (HW3.x) |
|---|--|--|--|---|--|--|
| соптоне (риото) | | | | | | |
| Available Processor type Operating system | Yes Texas Instruments AM387X 800MHz Windows Embedded Compact 7 | Yes Texas Instruments AM387X 800MHz Windows Embedded Compact 7 | Yes Intel Atom 1,46GHz Windows CE6.0 | Yes Intel Atom 1,75GHz Windows CE6.0 | Yes Intel Atom 1,91GHz Windows CE6.0 | Yes Intel Atom 1,75 GHz Windows CE6.0 |
| Cooling Degree of protection class of enclosure | on Flash memory No fan (passive) IP20 | on Flash memory No fan (passive) Front: IP65 | on Flash memory No fan (passive) IP20 | on Flash memory No fan (passive) IP20 | on Flash memory No fan (passive) IP20 | on Flash memory No fan (passive) Front: IP65 |
| Top hat rail mounting Dimensions (h x b x t [mm]) | Yes 127 x 42 x 102 | Back: IP20 No 4,3": 130 x 104 x 45 | Yes 112 x 136 x 105 | Yes 112 x 136 x 105 | Yes 112 x 136 x 105 | Back: IP20 No 7": 155 x 210 x 86 |
| omensors (nxxx; pmm) | 11/ 1727 172 | 7": 210 x 155 x 51 10,4": 282 x 240 x 51 | 112.130.135 | 122.4.150.4.150 | 112 / 155 / 155 | 10,4": 240 x 282 x 86 15": 310 x 390 x 93 |
| Display Size | | 4,3" (480×272) 16:9 7" (800×480) 16:9 | | | | 7" (800×480) 10,4" (800×600) |
| Touch technologie Interfaces | | 10,4" (800x600) 4:3 Resistive | | | | 15" (1024x768) Resistive |
| Ethernet, 100MBit/s (Number) USB 2.0 (Number) DVI-D for ext. monitor Runtime software | 1 1 No | 1 1 No | 2 (With integr. switch) 2 No | 2 (With integr. switch) 3 Yes | 2 (With integr. switch) 2 No | 2 (With integr. switch) 2 No |
| Characteristic | | | | | | |
| Logic FAST Motion | FAST Runtime Yes | FAST Runtime No | FAST Runtime Yes | FAST Runtime Yes | FAST Runtime Yes | FAST Runtime Yes |
| FAST Motion Libs FAST - Technology L-force Motion (MPC1200) OPTION | L_MC1P, L_MC2P see TAB "TM&Motion 3.17" No | see TAB "TM&Motion 3.17" | L_MC1P, L_MC2P, L_MC4P see TAB "TM&Motion 3.17" Yes** | L_MC1P, L_MC2P, L_MC4P see TAB "TM&Motion 3.17" Yes** | L_MC1P, L_MC2P, L_MC4P see TAB "TM&Motion 3.13" Yes** | L_MC1P, L_MC2P, L_MC4P see TAB "TM&Motion 3.13" Yes** |
| Visualisation | No | L-force Visu Compact 500 STANDARD / | No | L-force Visu Compact 500 Powertags | No | L-force Visu Compact 1000 Powertags STANDARD |
| Function | | 1000 Option (Powertags) | | OPTION | | |
| Backup & Restore of project data WebConfig | Yes Yes* | Yes Yes* | Yes Yes | Yes Yes | Yes Yes | Yes Yes |
| Telnet Connection Remote Display (cerhost/cerdisp) VNC Server | Yes No Yes | Yes No Yes | Yes Yes Yes | Yes Yes Yes | Yes Yes Yes | Yes Yes Yes |
| FTP access PDF + Office Viever | Yes No | Yes Optional | Yes No | Yes No | Yes No | Yes Yes |
| Internet Explorer Notepad Memory and data management | No No | Optional Optional | No No | No No | No No | Yes Yes |
| Working memory (RAM) Programm and data memory (Flash) Retain data SD card for project data | 512 MB 2 GB 128kB by Internal capacitor >≈512 MB | 512 MB 2 GB 128kB by Internal capacitor >=512 MB | 1 GB 1 GB 60kB by internal capacitor >=512 MB | 1 GB 2 GB 60kB by internal capacitor >=512 MB | 1 GB 2 GB 60kB by internal capacitor >=512 MB | 1 GB 2 GB 1024kB by internal capacitor >=512 MB |
| PLC / Motion UPS functionality | By internal capacitor | By internal capacitor | By internal capacitor | By internal capacitor | By internal capacitor | by internal capacitor |
| Task management Max. number of task | CAN EtherCat | CAN EtherCat | 32 | 32 | 32 | 32 |
| Min. task cycle time Min. system reserve | 10ms 4ms 5ms 2ms | 10ms 4ms 5ms 2ms | 1ms 0,1ms | 1ms 0,1ms | 1ms 0,1ms | 1ms 0,1ms |
| Memory Code Data | Free RAM memory Free RAM memory | Free RAM memory Free RAM memory | Free RAM memory Free RAM memory | Free RAM memory Free RAM memory | Free RAM memory Free RAM memory | Free RAM memory Free RAM memory |
| Marker Input-/output area | 4 kB 4 kB / 4 kB | 4 kB 4 kB / 4 kB | 4 kB 4 kB / 4 kB | 4 kB 4 kB / 4 kB | 4 kB 4 kB / 4 kB | 4 kB 4 kB / 4 kB |
| Retain persistent variables Libraries | 128 kB | 128 kB | 60 kB | 60 kB | 60 kB | 1MB |
| CAA net base services CAA file | Yes Yes* | Yes Yes* | Yes Yes | Yes Yes | Yes Yes | Yes Yes |
| Supported devices (FAST motion) Motion drives | 9400 HL (Cia402), i700, i55x | None | 9400 HL (Cia402), 1700, 155x | 9400 HL (Cia402), i700, i55x | 9400 HL (Cia402), i700, i55x | 9400 HL (Cia402), i700, i55x |
| Logic drives | | | | | | |
| | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, i5xx Yes | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, i5xx Yes | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, i5xx | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, i5xx | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, I5xx | 8400 BL/SL/HL/TL/motec, 9400 HL, IO1000, i5xx |
| EtherCat with Optional Nodes | i5xx Yes | i5xx Yes | Yes | Yes | Yes | Yes |
| | i5xx | i5xx | | | | |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAN) usable With bus coupler \$130 (EtherCAT) usable | Sxx Yes Yes Yes Yes Yes Yes Yes Yes Can Master CAN Master /Slave | 15xx Yes No No Yes Yes Yes Yes CAN Master /Slave | Yes Yes Yes | Yes Yes Yes | Yes Yes Yes | Yes No Yes |
| EtherCat with Optional Nodes 10-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus | Sixx Yes Yes Yes Yes Yes Yes Yes EtherCAT Master CAN Master /Slave EtherCAT Master Via optional module | Sixx Yes No No Yes Yes Yes Yes None CAN Master /Slave EtherCAT Master Via optional module | Yes Yes Yes Yes EtherCAT EtherCAT Master | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing | Yes No Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing |
| EtherCat with Optional Nodes 10-System 1000 Top hat rail (direct stackable) With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board | Sxx Yes | 15xx Yes No No Yes Yes Yes Yes CAN Master / Slave Ether.CAT Master | Yes Yes Yes Yes EtherCAT EtherCATMatter 1 slot existing MC-PM (Profilus Matter) MC-PBM (Profilus Matter) MC-PBM (Profilus Matter) | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiles Master) MC-PBM (Profiles Master) MC-PBM (Profiles Master) | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profibus Master) MC-PBM (Profibus Master) MC-PBM (Profibus Master) | No Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing Mc-PNO (profilisted bevice) MC-PBS (Profilists Slave) |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board | Sixx Yes Yes Yes Yes Yes Yes Yes EtherCAT Master CAN Master /Slave EtherCAT Master Via optional module | Sixx Yes No No Yes Yes Yes Yes None CAN Master /Slave EtherCAT Master Via optional module | Yes Yes Yes Yes EtherCAT EtherCATMaster 1 slot existing MC-PMI (Profilists Master) MC-PBM (Profilists Master) MC-PBM (CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CHI (Ethernet 100MBH) | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (Profishes Device) MC-PMD (Profishes Master) | Yes Yes Yes Yes EtherCAT EtherCATMaster 1 slot existing MC-PBM (Profibites Master) MC-PBM (Profibites Master) MC-PBM (Profibites Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CHI (Ethernet 100MBI) | No Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-RNO (Profinst Device) MC-PBS (ProfiBus Slave) MC-CAN2 (CAN Bus 2-times) MC-Ethernet 100MBH |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board | Sixx Yes Yes Yes Yes Yes Yes Yes EtherCAT Master CAN Master /Slave EtherCAT Master Via optional module | Sixx Yes No No Yes Yes Yes Yes None CAN Master /Slave EtherCAT Master Via optional module | Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PM0 (Profiles Master) MC-PM6 (Profiles Master) MC-PM2 (CAN Bus 2-times) | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-CAN2 (CAN Bus 2-times) MC-CTM (CHermen 100MBH) | Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (profibus toevice) MC-PMD (Profibus Slave) MC-PMD (2 (AN Bus 2-times) | No Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing Mc-PND (Profilised Device) MC-DBS (Profilise Slave) MC-CANZ (CAN Bus 2-limes) |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming | 15xx Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye | NO NO Yes Yes Yes Yes None CAN Master /Slave ETHECAT Master Via optional module MC-PND (ProfiNet Device) No** | Yes Yes Yes Yes Yes Yes EtherCAT EtherCATMaster 1 slot existing MC-PBM (Profillus Master) MC-PBM (Profillus Master) MC-PBM (Profillus Master) MC-CAN2 (CAN Buz -1times) MC-TM (Ethermet/IP Adapter) MC-IS (seriell R5323/R5422/R5485) Yes PLC DesignerV3.x | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot or string MC-PPM (Profibles Master) MC-PBK (Profibles Master) MC-PBK (Profibles Master) MC-CAN2 (CAN Bus 2-times) MC-TAI (Ethernet 100Ast) Ob Dad or MC-ETH (Ethernet/IP Adapter) MC-IS (seriell 85232/R5485) Yes PLC Designer V3.x | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (Profilists Master) MC-PBD (Profilists Master) MC-PBD (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABRI) On board or MC-FIT (Ethernet 100ABRI) MC-IS (seriell R5232/R5485) PLC Designer V3.x | No Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-RNO (Profinset Device) MC-PBS (ProfiBus Slave) MC-CAN2 (CAN Bus 2-times) MC-ETH (Ethernet 100/Bst) MC-GIR (Ethernet 100/Bst) Cobard or MC-ETH (Ethernet 100/Bst) Yes PLC Designer V3.x |
| EtherCat with Optional Nodes 10-System 1000 Top hat rail (direct stackable) With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling | Sixx Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye | Sixx Yes NO NO Ves Yes Yes Ves Yes None CAN Master /Slave Ether CAT Master Via optional module MC-PND (Profilet Device) | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PM0 (Profiles Master) MC-PM0 (Profiles Slave) MC-PM2 (CAN Bus 2-times) MC-CEN (Ethernet 100MBH) On board or Mc-ETH (Ethernet) PAdapter) MC-STS (seriell R5222/R5422/R5485) Yes | Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PAD (profishes Device) MC-PBD (Profishes Slave) MC-PBC (20 N Bus 2-limes) MC-ETH (Ethernet 1000/BR) On board or MC-ETH (Ethernet/P Adapter) MC-IS (geriell RS232/RS422/RS485) Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Misster 1 slot existing MC-PAD (profibiles Device) MC-PAD (profibiles Slave) MC-PAD (CAN Bus 2-times) MC-ETH (Ethernet 1000/BR) On board or MC-ETH (Ethernet/IP Adapter) MC-IS (serial R5232/R5422/R5485) Yes | No Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PNO (Profilmet Device) MC-PSI (Profilms Slave) MC-CAN2 (CAN Bus 2-Limes) MC-CAN2 (CAN Bus 2-Limes) MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet 104MBH) MC-Isl (seriell R5232/R5422/R5485) Yes |
| EtherCat with Optional Nodes 10-System 1000 Top hat rail [direct stackable) With bus coupler \$110 (CAS) usable With bus coupler \$110 (CAS) usable With on Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation | Sixx Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye | Sixx Yes NO NO Ves Yes Ves Yes None CAN Master /Slave EtherCAT Master Via optional module MC-PND (Profilet Device) No** PLC Designer V3.x Visivin/NET | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PM0 (Profiles Master) MC-PM0 (Profiles Master) MC-PM2 (CAN Bus 2-times) MC-ETH (Ethernet 100MBH) MC-ETH (Ethernet 100MBH) MC-ETH (Ethernet 100MBH) MC-IS (seriell R5222/R5422/R5485) PLC Designer V3-X VisiwinNET | Ves Ves Ves Ves Ves Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (profishes Device) MC-PMD (profishes Device) MC-PMD (profishes Slave) MC-PMS (profishes Slave) MC-ETH (Ethernet 1000/BH) MC-ETH (Ethernet 1000/BH) MC-STS (seriel R5323/R5422/R5485) PLC Designer V3.X Visivin/NET | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PAD (profibits Master) MC-PAD (profibits Master) MC-PAD (CAN Bus 2-times) MC-ETH (Ethernet 1000/BR) MC-CTH (Ethernet 1000/BR) MC-STH (Ethernet 1000/BR) MC-STH (Sternet 1 | No Yes Yes Yes EtherCAT EtherCAT Master I slot existing MC-PND (Profilwat Device) MC-PSD (Forfilwat Slave) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet 100MBH) MC-IsI (seriell R5232/R5422/R5485) YE.C Designer V3.x. VisiwinNET |
| EtherCat with Optional Nodes 10 - System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software visualisation Engineering Software commissioning Remote maintenance | Sixx Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye | NO NO Ves Yes Ves Yes Ves Yes None CAN Master /Slave EtherCAT Master Via optional module MC-PND (Profilet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PNO (Profiline Liberce) MC-PBM (Profiline Stare) MC-PSS (Profilinus Stare) MC-PSS (Profilinus Stare) MC-ETH (Ethernet 10M/BRI) MC-ETH (Ethernet 10M/BRI) MC-ISI (seriell RS222/RS422/RS485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBD (Profines Master) MC-PBD (Profines Master) MC-PBS (Profines Slave) MC-PBS (Profines Slave) MC-BTI (Ethernet D00/BBT) MC-BTI | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (Profiles Master) MC-PMD (Profiles Master) MC-PMD (Profiles Master) MC-PM2 (CAN Bus 2-times) MC-ETH (Ethernet 100MBH) On board or Mc-ETH (Ethernet 100MBH) MC-ISI (seriell R522)/R5422/R5485) PLC Designer V3.X Visivin/NET L-force Easy Starter Yes, | No. Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PND (renfilted bevice) MC-PSD (Forfilted Slave) MC-CAN2 (CAN Bus 2-times) MC-ETH (Ethernet/ID/Adapter) MC-ISI (seriell R5232/R5422/R5485) Yes PLC Designer V3.x VisiwinNET L-force Easy Starter |
| EtherCat with Optional Nodes 10-System 1000 Top hat rail [direct stackable) With bus coupler \$110 (CAN) usable With bus coupler \$110 (CAN) usable With bus coupler \$130 (EtherCAT) usable Fleid bases Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance Remote maintenance - PLC program | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Yes Yes Yes Yes None CAN Master (Salver EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5322/R548S) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ETH (Ethernet 100ABRI) On board or MC-ETH (Ethernet/IP Adapter) MC-IS (seriell R5232/R5422/R5485) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-TBM (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, | No Ves Ves Ves Ves EtherCAT EtherCAT Master 1 slot existing Mc-Nn((refilhed to believe) MC-PBS (Profilbus Slave) MC-CANZ (CAN Bus 2-times) MC-ETH (tehernet 100MBH) On board or MC-ETH (tehernet 100MBH) On board or MC-ETH (tehernet 100MBH) Ves PLC Designer V3.x VisiwinNET L-force Easy Starter Ves, via Onboard ethernet Interface Ves, |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$130 (EtherCAT) usable Islet busses Motion Bus Optional Parallel usage EtheCAT / CAN Iooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Bemote maintenance Remote maintenance - PIC program Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN Visualisation [VisiWinNET] | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes None CAN Master (Salver EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet > EtherCAT Gateway * Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-PBM (Profibles Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABRI) On board or MC-ETH (Ethernet)/P Adapter) MC-IS (seriell R5232/R5422/R5485) PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet interface Yes, via Ethernet - EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Ves Ves Ves Ves Ves EtherCAT EtherCAT Master 1 slot existing Mc-FNO (Profilhat Device) MC-PBS (Profilbus Slave) MC-CANY (CAN Bus 2-times) MC-ETH (Ethernet JONBH) MC-ETH (Ethernet JONBH) On board or MC-ETH (Ethernet JONBH) Ves PLC Designer V3.x VisiwinNET L-force Easy Starter Ves, via Onboard Ethernet Interface Ves, via Ethernet-> EtherCAT Gateway Ves, |
| EtherCat with Optional Nodes IO-system 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable Flield busses Motion Bus Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Hemote maintenance Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes None CAN Master (Salver EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet > EtherCAT Gateway * Yes, | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PMD (Profiles Master) MC-PMD (Profiles Master) MC-PMD (Profiles Master) MC-PMD (Profiles Master) MC-BTI (Ethernet 100M81) On board or Mc-ETH (Ethernet 100M81) MC-ITI (Ethernet 100M81) MC-ITI (Ethernet 100M81) MC-ITI (Ethernet 100M81) PLC Designer V3-X VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, via Ethernet -> CAN Gateway Soo Min: Oms | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No. Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PND (renfined Device) MC-PSS (Profiles Slave) MC-CAN2 (CAN Bus 2-times) ME-ETH (Ethernet I GOMBIT) On board or MC-ETH (Ethernet I Former) MC-ISI (seriell RS22/RS422/RS485) Yes PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, via Ethernet -> CAN Gateway I a Ethernet -> CAN Gateway |
| EtherCat with Optional Nodes 80-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAN) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Fleet husses Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software (orministoning Remote maintenance Commissioning Remote maintenance PLC program Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN Visualisation (VisiWinNET) Licensing Quantity of powertags Sampling time Alarms | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Ves Yes Ves Yes Ves Yes None CAN Master Slave EtherCAT Master Via optional module MC PND (Prefinet Devise) No** PLC Designer V3.x VisivinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway * Yes, via Ethernet -> CAN Gateway * Via Ethernet -> CAN Gateway * | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBI (Profiles Master) MC-PBI (Profiles Master) MC-PBI (Profiles Master) MC-CAT2 (CAM Bus 2-times) MC-CTH (Ethernet 100MBH) On board or Mc-ETH (Ethernet 100MBH) MC-ISI (seriell R322/R3422/R5485) PLC Designer V3-X VistwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - SeherCAT Gateway Yes, via Ethernet - CAN Gateway Soo Min: Oms Default: 250ms | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No. Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PND (ForfiNat Device) MC-PSS (ForfiBus Slave) MC-CAN2 (CAN Bus 2-times) ME-ETH (Ethernet IOMBII) On board or MC-ETH (Ethernet IOMBII) For Device of MC-CAN2 (CAN Bus 2-times) MC-ISI (seriell RS22/RS482) Yes PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, via Ethernet -> CAN Gateway Income Income Income Default: 250ms |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable) Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Licensing Quantity of powertage Sampling time Alarm Memory structure Max. quantity of storable alarms Alarm cache | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Yes Yes Yes Yes None CAN Master Slave EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 HMI: default 500ms, min. 250msPLC: 500ms Circular buffer 2000 Fix: 5 minutes or 100 messages | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Ves Ves Ves Ves Ves Ves EtherCAT EtherCAT Master 1 slot existing Mc-FRO (Froffined Device) MC-PBS (Proffibus Slave) MC-CANY (CAN Bus 2-times) MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet PA Adapter) MC-Is (seriell R5232/R5422/R5483) Ves PLC Designer V3.x VisiwinNET L-force Easy Starter Ves, via Onboard Ethernet Interface Ves, via Ethernet-> EtherCAT Gateway Ves, via Ethernet-> CAN Gateway 1000 Min: Ons Default: 250ms Circular buffer 10000 Fix: S minutes or 100 messages |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable) Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via CAN Visualisation (VisiWinNET) Licensing Quantity of powertage Sampling time Alarms Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fail (Butfering of alarm cache) Data path adjustable | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes Yes Yes None CAN Master /Slave EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VisivinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> CAN Gateway * Yes, via Ethernet -> CAN Gateway * Soo HMI: default 500ms, min. 250msPLC: 500ms Circular buffer 2000 | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes EtherCAT Mater EtherCAT Mater 1 slot - switting MC-PBM (Profiles Matter) MC-PBM (Profiles Matter) MC-PBM (Profiles Matter) MC-CAN2 (CAN Bus 2-times) Ves Ves Via Onboard Ethernet interface Ves, via Onboard Ethernet interface Ves, via Ethernet -> CAN Gateway Soo Mini-Oms Default: 20mns Circular buffer Loodo | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Yes Yes Yes EtherCAT EtherCAT Master 1-sion Services Mc-PBS (ProfiBus Slave) Mc-CAN2 (CAN Bus 2-times) Mc-CAN2 (CAN Bus 2-times) Mc-CAN2 (CAN Bus 2-times) Mc-CAN2 (CAN Bus 2-times) Mc-DBS (ProfiBus Slave) Mc-BS (ProfiBus Slave) PC-DBS (ProfiBus Slave) Ves VisionNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Onboard Ethernet Interface Yes, via Ethernet-> CAN Gateway 1000 Min: ons Default: 250ms Circular buffer 10000 |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable) Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Usensing Quantity of powertage Sampling time Alarm Alarm Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fall (Buffering of alarm cache) Data path adjustable Trends Memory structure | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes Yes Yes Yes Yes None CAN Master /Slave EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VisivinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> CAN Gateway * Yes, via Ethernet -> CAN Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No. Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PND (renfined Device) MC-PSS (Fortifles Slave) MC-CAN2 (CAN Bus 2-times) MC-ETH (Ethernet I TOMBIT) On board or MC-ETH (Ethernet IP Adapter) MC-IS (seriell RSJ27/RS |
| EtherCat with Optional Nodes 10 System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAN) usable With bus coupler \$130 (EtherCAT) usable Field busses Motion Bus On board Optional Parallel usage EtheCAT / CAN Toolling Engineering Software Programming Engineering Software Visualisation Engineering Software (Program Remote maintenance - PLC program Remote maintenance - PLC program Remote maintenance - Drives via EtherCAT Remote main | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes None CAN Master / Slawe Ether.CAT Master / Slawe Ether.CAT Master Via optional module MC-PND (Profinet Device) No** PLC Designer V3.x VisiwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> Ether.CAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Yes Yes Yes EtherCAT EtherCAT Master 1-slot existing Mc-PND (Profilwet Device) MC-PBS (Profilbus Slave) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-STE (thernet IOMBIT) On loand or MC-ETH (thernet IOMBIT) On loand or MC-ETH (thernet IOMBIT) Chore Easy Starter PCC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Onboard Ethernet Interface Yes, via Ethernet-> EtherCAT Gateway Yes, via Ethernet-> CAN Gateway 1000 Min: ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Yes Ves Circular buffer / Sequential archiving No limitation Recommended: max. 10000 No limitation Recommended: max. 10000 No limitation |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable) Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Licensing Quantity of powertage Sampling time Alarm Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fall (Buffering of alarm cache) Data path adjustable Trends Memory structure Max. quantity of values per trend (circular buffer) Max. quantity of sequence archives Max. quantity of sequence archives Max. quantity of sequence archives Max. quantity of trends | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes Yes Yes Yes Yes None CAN Master Slave Ether.CAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> Ether.CAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving 5000 25 | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Ves Ves Ves Ves Ves Ves EtherCAT EtherCAT Master 1 slot existing Mc-FNC (Profilhat Slave) MC-PBS (Profilbus Slave) MC-CANY (CAN Bus 2-times) MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet 100MBH) On board or MC-ETH (Ethernet 100MBH) C-I si (seriell R5232/R5422/R5483) Ves PLC Designer V3.x VisiwinNET L-force Easy Starter Ves, via Onboard Ethernet Interface Ves, via Ethernet-> EtherCAT Gateway Ves, via Ethernet-> CAN Gateway 1000 Min: Ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Ves Ves Ves Circular buffer / Sequential archiving No limitation Recommended: max. 10000 |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$130 (EtherCAT) usable Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Licensing Quantity of powertage Sampling time Alarm Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fall (Buffering of alarm cache) Data path adjustable Trends Memory structure Max. quantity of values per trend (circular buffer) Max. quantity of tvends Min. sampling time | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Yes Yes Yes Yes None CAN Master Slave EtherCAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VisivinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving 5000 25 20 500ms Default 1000ms | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-FIN (refilhed bevice) MC-BS (ProfiBus Slave) MC-CAN (CAN Bus 2-times) MC-ETH (tehernet 100MBH) On board or MC-ETH (tehernet 100MBH) On board or MC-ETH (tehernet 100MBH) C-Torce Easy Starter PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet-> EtherCAT Gateway Yes, via Ethernet-> CAN Gateway 1000 Min: Ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Yes Circular buffer / Sequential archiving No limitation Recommended: max. 10000 No limitation Recommended: max. 500 No limitation Recommended: max. 500 No limitation Recommended: max. 50 |
| EtherCat with Optional Nodes ID-System 1000 Top hat rail (direct stackable) With bus coupler \$130 (EtherCAT) usable Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Visualisation Engineering Software Commissioning Bemote maintenance Remote maintenance - PIC program Remote maintenance - Drives via EtherCAT Remote maintenance - Drives via CAN Visualisation (VisiWinNET) Licensing Quantity of powertags Sampling time Alarms Memory structure Max. quantity of storable alarms Alarm cache Dehaviour during power fall (Butfering of alarm cache) Data path adjustable Trends Memory structure Max. quantity of vequence archives Max. quantity of sequence archives Max. quantity of trends | Yes Yes Yes Yes Yes Yes Yes Yes | No No Yes Yes Yes Yes Yes Yes Yes Yes None CAN Master Slave Ether.CAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> Ether.CAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving 5000 25 | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes EtherCAT Mater ElserCaT Mater 1 slot or stating MC-PBM (Profiles Mater) MC-PBM (Profiles Mater) MC-PBM (Profiles Mater) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-TSI (Ethernet 100A (Salve)) MC-TSI (Ethernet 100A (Salve)) MC-TSI (Ethernet 100A (Salve)) Ves PLC Designer V3.x VisiviniNET L-force Easy Starter Ves, via Onboard Ethernet interface Yes, via Onboard Ethernet interface Yes, via Ethernet → CAN Gateway Soo Min: Ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Data are buffered every 60s No Circular buffer 5000 Sequence archive not possible | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Yes Yes Yes EtherCAT EtherCAT Master 1 sloc Assisting Mc-PND (Profilwet Device) MC-PBS (Profilbus Slave) MC-CANZ (CAN Bus 2-Limes) MC-CANZ (CAN Bus 2-Limes) MC-CANZ (CAN Bus 2-Limes) MC-CANZ (CAN Bus 2-Limes) MC-DBS (Profilbus Slave) MC-BS (Stave) MC-BS (Stave) PLC Designer V3.x VisionNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Onboard Ethernet Interface Yes, via Ethernet-> EtherCAT Gateway Yes, via Ethernet-> CAN Gateway 1000 Min: ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Yes Yes Circular buffer / Sequential archiving No limitation Recommended: max. 10000 No limitation Recommended: max. 10000 No limitation Recommended: max. 50 |
| EtherCat with Optional Nodes IO-System 1000 Top hat rail (direct stackable) With bus coupler \$110 (CAM) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Motion Bus On board Optional Parallel usage EtheCAT / CAN Tooling Engineering Software Programming Engineering Software Visualisation Engineering Software Commissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - PIC program Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Licensing Quantity of powertage Sampling time Alarm Alarm Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fall (Buffering of alarm cache) Data path adjustable Trends Memory structure Max. quantity of values per trend (circular buffer) Max. quantity of vends Min. sampling time Behaviour during power fall (Buffering of trend cache) Minimal cache size | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Yes Yes Yes Yes None CAN Master Slave Ether.CAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> Ether.CAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving 5000 25 20 500ms Default 1000ms No buffering Fix: 50 | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Ves Ves Ves Ves Ves EtherCAT EtherCAT Master 1 slocker Master 1 slocker Master 1 slocker Master 1 slocker Master Mc-PBS (ProfiBus Slave) Mc-CAN2 (CAN Bus 2-times) Mc-St (Ethernet I) Doblighter) Mc-Is (seriel R5232/R5422/R5485) Ves PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Choop Starter Ves, via Ethernet -> CAN Gateway Nes, via Ethernet -> CAN Gateway ID00 Min: Ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Yes Yes Circular buffer 10000 Recommended: max. 10000 No limitation Recommended: max. 10000 No limitation Recommended: max. 50 No limitation No buffering Fix: 100 Yes No limitation |
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| EtherCat with Optional Nodes iD-system 1000 Top hat fail (direct stackable) With bus coupler \$1310 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable With bus coupler \$130 (EtherCAT) usable Motion Bus On board Optional Parallel usage EtheCAT / CAN fooling Engineering Software Programming Engineering Software Visualisation Engineering Software Visualisation Engineering Software Oremissioning Remote maintenance Remote maintenance - PIC program Remote maintenance - Drives via CAN Visualisation (VisiVinNET) Licensing Quantity of powertags Sampling time Alarms Memory structure Max. quantity of storable alarms Alarm cache Behaviour during power fail (Buffering of alarm cache) Data path adjustable Trends Memory structure Max. quantity of vendes per trend (circular buffer) Max. quantity of vendes Min. sampling time Behaviour during power fail (Buffering of trend cache) Minimal cache size Data path adjustable Recipes Quantity of recipes classes Quantity of recipes classes Quantity of recipes classes Quantity of variables per recipe class Quantity of variables per recipe | Yes Yes Yes Yes Yes Yes Yes Yes | NO NO Yes Yes Yes Yes None CAN Master (Slawe Ether.CAT Master (Slawe Ether.CAT Master Via optional module MC-PND (ProfiNet Device) No** PLC Designer V3.x VistwinNET L-force Easy Starter* Yes, via Onboard Ethernet Interface Yes, via Ethernet -> Ether.CAT Gateway * Yes, via Ethernet -> CAN Gateway * Circular buffer 2000 Fix: 5 minutes or 100 messages No Yes Circular buffer / Sequential archiving 5000 25 20 300ms Default 1000ms No buffering Fix: 50 Yes Max. 3 Max. 250 Max. 500 Max. 500 | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1.slot existing MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-PBM (Profilists Master) MC-CAN2 (CAN Bus 2-times) MC-TRI (Ethernet 100ABII) On board or MC-TRI (Ethernet/IP Adapter) MC-ISI (seriell R5232/R522/R5485) PLC Designer V3.x VisiwinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet -> EtherCAT Gateway Yes, | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PBM (Profiblate Device) MC-PBM (Profiblate Device) MC-PBM (Profiblate Master) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-CAN2 (CAN Bus 2-times) MC-ST (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) On board of MC-ETH (Ethernet 100ABRI) Yes PLC Designer V3.x VisivinNET L-force Easy Starter Yes, via Onboard Ethernet Interface Yes, via Ethernet - EtherCAT Gateway Yes, | No Yes Yes Yes Yes Yes EtherCAT EtherCAT Master 1 slot existing MC-PND (Profilhed Device) MC-CBS (Profilbus Slave) MC-CANZ (CAN Bus 2-times) MC-ETH (Ethernet LONDBIT) MC-ETH (Ethernet LONDBIT) No Sand or MC-ETH (Ethernet LONDBIT) L-force Easy Starter Yes, via Onboard ethernet Interface Yes, via Chooard ethernet Interface Yes, via Ethernet-> EtherCAT Gateway Yes, via Ethernet-> CAN Gateway 1000 Min: Ons Default: 250ms Circular buffer 10000 Fix: 5 minutes or 100 messages Yes Circular buffer / Sequential archiving No limitation Recommended: max. 1000 No No limitation Recommended: max. 5 No limitation Recommend |
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