

Price* : 1769.00 GBP



Main

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|---------------------------|-------------------------------------|
| Range of product | Modicon Premium Automation platform |
| Product or component type | Unity processor |
| Software designation | Unity Pro |

Complementary

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| Concept | Transparent Ready |
| Number of racks | 16 4/6/8 slots 8 12 slots |
| Number of slots | 128 64 96 |
| Discrete I/O processor capacity | 1024 I/O |
| Analogue I/O processor capacity | 80 I/O |
| Number of application specific channel | <= 24 |
| Number of process control channel | <= 10 up to 30 simple loops |
| Integrated connection type | Ethernet TCP/IP RJ45 Non isolated serial link 2 female mini DIN RS485 19.2 kbit/s |
| Port Ethernet | 10BASE-T/100BASE-TX |
| Communication module processor capacity | 1 4 |
| Memory description | Internal RAM (with PCMCIA card) 160 kB data Internal RAM (with PCMCIA card) 768 kB program Internal RAM (without PCMCIA card) 160 kB program and data PCMCIA card 16384 kB additional data storage |
| Maximum size of object areas | 64 %KWi constant words located internal data 64 %MWi internal words located internal data 64 kB (DFB and EFB function blocks) unlocated internal data 64 kB (elementary and derived data) unlocated internal data 8132 %Mi located internal bits |
| Application structure | 1 fast task 1 master task 64 event tasks |
| Execution time per instruction | 0.19 µs Boolean without PCMCIA card 0.25 µs word or fixed-point arithmetic without PCMCIA card 1.75...2.6 µs floating points with PCMCIA card 1.75...2.6 µs floating points without PCMCIA card |

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

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| | 0.21 μ s Boolean with PCMCIA card 0.42 μ s word or fixed-point arithmetic with PCMCIA card |
| Number of instructions per ms | 2.53 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 3.7 Kinst/ms 100 % Boolean with PCMCIA card 3.71 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 4.76 Kinst/ms 100 % Boolean without PCMCIA card |
| System overhead | 0.3 ms fast task 1 ms master task |
| Marking | CE |
| Local signalling | 1 LED green Ethernet TCP/IP port ready (RUN) 1 LED green processor running (RUN) 1 LED red collision detection (COL) 1 LED red Ethernet TCP/IP port fault (ERR) 1 LED red I/O module or configuration fault (I/O) 1 LED red processor or system fault (ERR) 1 LED yellow activity on TER or AUX terminal port (TER) 1 LED yellow Ethernet link diagnostics (STS) 1 LED yellow reception activity (RX) 1 LED yellow transmission activity (TX) |
| Current consumption | 1650 mA 5 V DC |
| Module format | Double |
| Product weight | 0.042 kg |

Environment

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| Standards | 73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D |
| Product certifications | ABS BV DNV GL LR RINA RMRS |
| Ambient air temperature for operation | 0...60 °C |
| Ambient air temperature for storage | -25...70 °C |
| Relative humidity | 10...95 % without condensation for operation 5...95 % without condensation for storage |
| Operating altitude | 0...2000 m |
| Protective treatment | TC |
| IP degree of protection | IP20 |
| Pollution degree | 2 |

Offer Sustainability

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| RoHS (date code: YYWW) | Compliant - since 0933 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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| Warranty period | 18 months |
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