

Main

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| Range of product | Modicon Momentum automation platform |
| Product or component type | M1/M1E processor adaptor |
| Concept | Transparent Ready |
| Class | Class B10 |
| Software designation | Concept V2.6 Modsoft >= V2.5 ProWORX 32 ProWORX NxT V2.0 |
| Communication port protocol | Ethernet |
| Processor name | X 86 based (INTEL, AMD) IEC executive |
| Clock frequency | 50 MHz |

Complementary

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| Web services | Data editor Rack viewer Web page loader Web page loader software tool |
| Ethernet service | I/O scanning Modbus TCP messaging |
| Discrete I/O processor capacity | 8192 I/8192 O |
| Memory type | Flash 1 MB RAM 544 kB |
| Memory description | Data 24 kB Program memory 18 kB LL984 Program memory 200 kB IEC |
| Material | Lexan |
| Word length | 16 bit |
| [Us] rated supply voltage | 5.0 V DC +/-5 % |
| Supply | By Momentum I/O base |
| Exact time for 1 K instruction | 1 ms |
| Register I/O processor capacity | 26048 I/26048 O |
| I/O limit processor capacity | 8192 bits max |
| I/O words/drop | 128 I/O Concept 80 I/O ProWORX |
| Number of port | 1 Ethernet 1 I/O bus |
| Marking | CE |
| Product weight | 0.042 kg |

Environment

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| Protective treatment | TC |
| Ambient air temperature for operation | 0...60 °C |
| Ambient air temperature for storage | -40...85 °C |
| Relative humidity | 5...96 % without condensation |
| Operating altitude | 2000 m |
| Shock resistance | <= 15 gn peak 11 ms half sine wave |
| Vibration resistance | 0.75 mm d.a 1 gn |

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|--------------------------|---|
| Product certifications | CUL FM Class 1 Division 2 Nema type 250 UL |
| RoHS EUR status | Will be Compliant |
| RoHS EUR conformity date | 4Q2011 |
