



Main

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|---------------------------|-------------------|
| Range of product | PacDrive 3 |
| Product or component type | Motion controller |

Complementary

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| Product compatibility | LMC402 |
| Number of axis | 16 |
| Discrete input number | 20 for digital input conforming to IEC 61131-2 Type 1 4 for interrupt input conforming to IEC 61131-2 Type 1 16 for touch probe input conforming to IEC 61131-2 Type 1 |
| Discrete input voltage | 20...33 V 0...6 V |
| Discrete input voltage type | DC |
| Analogue input number | 2 |
| Analogue input type | Voltage analog input: - 10...10 V Current analog input: - 20...20 mA |
| Analogue input resolution | 12 bits |
| Discrete input current | 5 mA for digital input 5 mA for interrupt input 5 mA for touch probe input |
| Input impedance | 100000 Ohm for analog input 500 Ohm |
| Anti bounce filtering | 1 ms or 5 ms configurable digital input 100 µs touch probe input 0.1 ms or 1 ms configurable interrupt input |
| Discrete output number | 16 digital output 2 analog output |
| Discrete output current | 250 mA for digital output |
| Maximum leakage current | 0.4 mA |
| Maximum number of I/O expansion module | 2 |
| [Us] rated supply voltage | 24 V DC |
| Power consumption in W | 36 W |
| Memory type | 256 kB NVRAM 1 GB RAM DDR3L |
| Programming language | SFC (sequential function chart) LD (ladder) FBD (function block diagram) CFC (continuous function chart) IL (instruction list) ST (structured text) |

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| Integrated connection type | 2 Ethernet port, connector RJ45 for protocol Sercos 1 CAN port, connector SUB-D 9 for protocol CANopen 1 USB port, connector USB type A 2 Ethernet port, connector RJ45 for protocol RT-Ethernet (real-time) 1 Ethernet port, connector RJ45 for protocol PacNet 1 port, connector SUB-D 9 for protocol Profibus DP 1 COM1 serial link, connector SUB-D 9 for protocol RS232 1 COM2 serial link, connector SUB-D 9 for protocol RS422/RS485 1 port, connector SUB-D 9 for master encoder 1 Ethernet port, connector RJ45 for protocol Ethernet 10/100/1000BASE-T, FTP/HTTP |
| Supply | Power supply: 24 VDC, <1 A |
| Width | 100 mm |
| Height | 310 mm |
| Depth | 243 mm |
| Net weight | 3.5 kg |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 61131-2 CSA C22.2 No 274 UL 508C CSA C22.2 No 14 |
| Product certifications | CSA[RETURN]cULus[RETURN]EAC[RETURN]CE |
| Ambient air temperature for operation | 5...55 °C |
| Relative humidity | 5...95 % without condensation |
| IP degree of protection | IP20 conforming to EN/IEC 60529 |
| Pollution degree | 2 conforming to IEC 61131-2 |
| Vibration resistance | 3.5 mm at 5...8.4 Hz 10 m/s ² at 8.4...150 Hz |
| Shock resistance | 150 m/s ² for 6 ms (operation) conforming to EN/IEC 60721-3-3 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 17.2 cm |
| Package 1 Width | 32.5 cm |
| Package 1 Length | 42.5 cm |
| Package 1 Weight | 4.87 kg |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| PVC free | Yes |