



### Main

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

### Complementary

|  |  |
|--|--|
| Product compatibility                  | LMC600   |
| Number of axis                         | 99   |
| Discrete input number                  | 20 digital input IEC 61131-2 Type 1<br>4 interrupt input IEC 61131-2 Type 1<br>16 touch probe input IEC 61131-2 Type 1 |
| Discrete input voltage                 | 20...33 V<br>0...6 V   |
| Discrete input voltage type            | DC   |
| Analogue input number                  | 2  |
| Analogue input type                    | Voltage analog input - 10...10 V<br>Current analog input - 20...20 mA  |
| Analogue input resolution              | 12 bits  |
| Discrete input current                 | 5 mA digital input<br>5 mA interrupt input<br>5 mA touch probe input   |
| Input impedance                        | 100000 Ohm analog input<br>500 Ohm   |
| Anti bounce filtering                  | 1 ms or 5 ms configurable digital input<br>100 µs touch probe input<br>0.1 ms or 1 ms configurable interrupt input     |
| Discrete output number                 | 16 digital output<br>2 analog output   |
| Discrete output current                | 250 mA digital output  |
| Maximum leakage current                | 0.4 mA   |
| Maximum number of I/O expansion module | 2  |

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

|                            |  |
|----------------------------|--|
| [Us] rated supply voltage  | 24 V DC  |
| Power consumption in W     | 36 W   |
| Memory type                | 512 MB RAM DDR2<br>256 kB NVRAM  |
| Programming language       | SFC (sequential function chart)<br>CFC (continuous function chart)<br>IL (instruction list)<br>LD (ladder)<br>FBD (function block diagram)<br>ST (structured text)   |
| Integrated connection type | 2 Ethernet port RJ45 Sercos<br>1 Ethernet port RJ45 Ethernet 10/100BASE-T, FTP/HTTP<br>1 CAN port SUB-D 9 CANopen<br>1 USB port USB type A<br>2 Ethernet port RJ45 RT-Ethernet (real-time)<br>1 Ethernet port RJ45 PacNet<br>1 port SUB-D 9 Profibus DP<br>1 COM1 serial link SUB-D 9 RS232<br>1 COM2 serial link SUB-D 9 RS422/RS485<br>1 port SUB-D 9 master encoder |
| Supply                     | Power supply 24 VDC, <1 A  |
| Width                      | 3.94 in (100 mm)   |
| Height                     | 12.20 in (310 mm)  |
| Depth                      | 9.57 in (243 mm)   |
| Net weight                 | 7.72 lb(US) (3.5 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | CSA C22.2 No 274<br>UL 508C<br>CSA C22.2 No 14<br>EN/IEC 61131-2 |
| Product certifications                | CSA<br>CULus<br>EAC<br>CE  |
| Ambient air temperature for operation | 41...104 °F (5...40 °C)  |
| Relative humidity                     | 5...95 % without condensation                                    |
| IP degree of protection               | IP20EN/IEC 60529   |
| Pollution degree                      | 2 IEC 61131-2  |
| Vibration resistance                  | 3.5 mm 5...8.4 Hz<br>10 m/s <sup>2</sup> 8.4...150 Hz            |
| Shock resistance                      | 150 m/s <sup>2</sup> 6 ms operation)EN/IEC 60721-3-3             |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Weight             | 13.27 lb(US) (6.02 kg) |
| Package 1 Height             | 9.84 in (25 cm)        |
| Package 1 width              | 7.32 in (18.6 cm)      |
| Package 1 Length             | 21.65 in (55 cm)       |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>  |

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|                          |   |
|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | <a href="#">End of Life Information</a>       |
| PVC free                 | Yes   |

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### Contractual warranty

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| Warranty | 18 months |
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