



## Main

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

## Complementary

|                                |  |
|--------------------------------|--|
| Product compatibility          | LMC300   |
| Type of license                | 80 license point(s)  |
| Number of axis                 | <= 8   |
| Discrete input number          | 20 digital input conforming to IEC 61131-2 Type 1<br>4 interrupt input conforming to IEC 61131-2 Type 1<br>16 touch probe input conforming to IEC 61131-2 Type 1 |
| Discrete input voltage         | 0...6 V<br>20...33 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          | Configurable from 1 ms or 5 ms digital input<br>From 100 µs touch probe input<br>Configurable from 0.1 ms or 1 ms interrupt input                                |
| Discrete output number         | 16 digital output<br>2 analog output   |
| Discrete output current        | 250 mA for digital output  |
| Leakage current                | < 0.4 mA   |
| Number of I/O expansion module | 2  |
| [Us] rated supply voltage      | 24 V DC  |
| Power consumption in W         | 36 W   |
| Memory type                    | RAM DDR2 512 MB<br>NVRAM 128 kB  |

|                            |  |
|----------------------------|--|
| Programming language       | SFC (sequential function chart)<br>IL (instruction list)<br>LD (ladder)<br>FBD (function block diagram)<br>CFC (continuous function chart)<br>ST (structured text)   |
| Integrated connection type | 2 Ethernet port, connector RJ45 for protocol Sercos<br>1 Ethernet port, connector RJ45 for protocol Ethernet 10/100BASE-T, FTP/HTTP<br>1 CAN port, connector SUB-D 9 for protocol CANopen<br>1 USB port, connector USB type A<br>2 Ethernet port, connector RJ45 for protocol RT-Ethernet (real-time)<br>1 Ethernet port, connector RJ45 for protocol PacNet<br>1 port, connector SUB-D 9 for protocol Profibus DP<br>1 COM1 serial link, connector SUB-D 9 for protocol RS232<br>1 COM2 serial link, connector SUB-D 9 for protocol RS422/RS485<br>1 port, connector SUB-D 9 master encoder |
| Supply                     | Power supply 24 V DC, 1 A  |
| Width                      | 3.94 in (100 mm)   |
| Height                     | 12.2 in (310 mm)   |
| Depth                      | 9.57 in (243 mm)   |
| Product weight             | 7.72 lb(US) (3.5 kg)   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | EN/IEC 61131-2<br>UL 508C<br>CSA C22.2 No 274<br>CSA C22.2 No 14                |
| Product certifications                | EAC<br>CSA<br>CE<br>cULus   |
| Ambient air temperature for operation | 41...131 °F (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 (f = 5...8.4 Hz)<br>10 m/s <sup>2</sup> (f = 8.4...150 Hz)               |
| Shock resistance                      | 150 m/s <sup>2</sup> (duration = 6 ms) conforming to EN/IEC 60721-3-3 operation |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 1403 - Schneider Electric declaration of conformity <a href="#">Schneider-Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product environmental profile    | Available <a href="#">Product Environmental Profile</a>  |
| Product end of life instructions | Available <a href="#">End Of Life Information</a>  |
| California proposition 65        | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1                | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.   |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                      |

Product Life Status : **Commercialised**