



### Main

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

### Complementary

|                                |                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility          | LMC400                                                                                                                                                             |
| Number of axis                 | <= 16                                                                                                                                                              |
| 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 for digital input<br>From 100 µs for touch probe input<br>Configurable from 0.1 ms or 1 ms for 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              | 36 W                                                                                                                                                               |
| Memory type                    | RAM DDR2 512 MB<br>NVRAM 128 kB                                                                                                                                    |
| Programming language           | CFC (continuous function chart)<br>FBD (function block diagram)<br>IL (instruction list)<br>LD (ladder)<br>SFC (sequential 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 for master encoder |
| Supply                     | Power supply 24 V DC, 1 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                      | 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Height                     | 310 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Depth                      | 243 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product weight             | 3.5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Environment

|                                       |                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------|
| Standards                             | EN/IEC 61131-2<br>UL 508C<br>CSA C22.2 No 14<br>CSA C22.2 No 274                |
| Product certifications                | CE<br>CSA<br>CULus<br>EAC                                                       |
| Ambient air temperature for operation | 5...40 °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 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |