

# Product data sheet

Specifications



## STS40 - Wall - Ball screw 200 - ARMIO Board with user I/O cable

LXMSTS40W2A2000

⚠ **Discontinued on:** Sep 15, 2023

⚠ **End-of-service on:** Dec 31, 2024

⚠ **Discontinued**

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

|                           |             |
|---------------------------|-------------|
| Range of Product          | PacDrive 3  |
| Product or Component Type | SCARA robot |
| Device short name         | STS40       |

### Complementary

|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of axis             | 4                                                                                                                                                    |
| Operating position         | Rotational 360°                                                                                                                                      |
| Operating travel           | 0...31.5 in (0...800 mm) horizontal<br>0...7.9 in (0...200 mm) vertical                                                                              |
| Repeat accuracy            | +/- 0.01 mm                                                                                                                                          |
| Permanent permissible load | 17.6 lb(US) (8 kg)                                                                                                                                   |
| Nominal speed              | 2000 mm/s axis 3<br>4.92 m/s axis 1<br>4.92 m/s axis 2                                                                                               |
| Maximum actuation speed    | 2220 mm/s axis 3<br>22.67 ft/s (6.91 m/s) axis 1<br>22.67 ft/s (6.91 m/s) axis 2                                                                     |
| Angular speed              | 450°/s nominal axis 1<br>650°/s maximum axis 1<br>600°/s nominal axis 2<br>800°/s maximum axis 2<br>1200°/s nominal axis 4<br>1929°/s maximum axis 4 |
| Net Weight                 | 106.5 lb(US) (48.3 kg)                                                                                                                               |
| Range Compatibility        | Lexium 62 motor                                                                                                                                      |

### Environment

|                              |                    |
|------------------------------|--------------------|
| Environmental characteristic | Normal environment |
|------------------------------|--------------------|

### Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC5218357  |
| Discount Schedule | PC52          |
| GTIN              | 3606489593971 |
| Returnability     | No            |

### Packing Units

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                        |                        |
|------------------------|------------------------|
| Unit Type of Package 1 | PCE                    |
| Nbr. of units in pkg.  | 1                      |
| Package 1 Height       | 43.3 in (110.0 cm)     |
| Package 1 Width        | 28.0 in (71.0 cm)      |
| Package 1 Length       | 31.5 in (80.0 cm)      |
| Package weight(Lbs)    | 143.3 lb(US) (65.0 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |    |
|----------------------------------------|----|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic   | No |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |    |
|--------------------------|----|
| Take-back                | No |