# Product datasheet

Specifications

## Harmony eXLhoist, standard, XARS8D18H system with charger, shoulder belt, cable USB/RJ45 and config software

XARSK8D18H

⊘ **Discontinued**

⊘ **Discontinued on:** 9 Feb 2023

## Main

| | |
|---|---|
| **Range Of Product** | Harmony eXLhoist |
| **Product Or Component Type** | Control station |
| **Device Short Name** | XARS |
| **Control Station Type** | Wireless |
| **Product Specific Application** | Material handling<br>Hoisting applications |
| **Number Of Channels** | 50 |
| **Control Station Application** | Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/IEC 62061<br>Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/ISO 13849-1<br>Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/IEC 62061<br>Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/ISO 13849-1<br>Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061<br>Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1<br>Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061<br>Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1 |

## Complementary

| | |
|---|---|
| **Kit Composition** | Base station<br>Cable<br>Shoulder belt<br>Configuration software<br>Remote control |
| **Operating Distance** | 100 m in free air |
| **Connector Type** | Industrial socket |
| **Cable Entry** | Cable gland |
| **Communication Network Type** | Wireless: bluetooth low energy |
| **Transmission Frequency** | 2.4 GHz |

## Environment

Life Is On | Schneider Electric

| Radio Agreement | ARIB |
| --- | --- |
| | RSS |
| | FCC |
| | ANATEL |
| | SRRC |
| | ICASA |

| Relative Humidity | 0…95 % at -20…45 °C storage |
| --- | --- |

| Electromagnetic Compatibility | Resistance to electrostatic discharge - test level: 4 kV class B (on contact) conforming to IEC 61000-4-2 |
| --- | --- |
| | Resistance to electrostatic discharge - test level: 8 kV class B (in air) conforming to IEC 61000-4-2 |
| | Resistance to radiated electromagnetic fields - test level: 10 V/m class B conforming to IEC 61000-4-3 |

| Standards | EN/IEC 60204-1 safety |
| --- | --- |
| | EN/ISO 13849-1 safety |
| | EN/IEC 62061 safety |
| | EN/IEC 61508 safety |
| | EN/ISO 13850 safety |
| | EN/IEC 60204-32 hoisting applications |
| | EN 13557 hoisting applications |
| | EN 12077-2 hoisting applications |
| | EN 15011 hoisting applications |
| | EN 14439 hoisting applications |
| | EN 14492 hoisting applications |
| | ETSI EN 301 489-1 radio |
| | ETSI EN 301 489-3 radio |
| | ETSI EN 301 489-17 radio |
| | ARIB STD-T81 radio |

| Product Certifications | CE |
| --- | --- |
| | UL |
| | CSA |
| | C-Tick |
| | JIS |
| | KC |
| | EAC |

# Packing Units

| Unit Type Of Package 1 | PCE |
| --- | --- |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 20.0 cm |
| Package 1 Width | 28.5 cm |
| Package 1 Length | 30.5 cm |
| Package 1 Weight | 3.089 kg |
| Unit Type Of Package 2 | S04 |
| Number Of Units In Package 2 | 2 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 7.131 kg |

# Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Transparency

# Well-being performance

✅  Mercury Free

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✅  Rohs Exemption Information          Yes

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**Eu Rohs Directive**                        Pro-active compliance (Product out of EU RoHS legal scope)

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**China Rohs Regulation**                China RoHS declaration

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**Environmental Disclosure**           Product Environmental Profile

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**Weee**                                        The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Circularity Profile**                         End of Life Information