



### Main

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product             | Harmony XAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product or component type    | Control station                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Device short name            | XARS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Control station type         | Wireless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product specific application | Hoisting applications<br>Material handling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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            | Remote control<br>Base station  |
| 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

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| Radio agreement               | ANATEL<br>SRRC<br>FCC<br>RSS<br>ICASA<br>ARIB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Relative humidity             | 0...95 % (temperature : -20...45 °C) (storage)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Electromagnetic compatibility | Resistance to electrostatic discharge : 4 kV class B (on contact) conforming to IEC 61000-4-2<br>Resistance to electrostatic discharge : 8 kV class B (in air) conforming to IEC 61000-4-2<br>Resistance to radiated electromagnetic fields : 10 V/m class B conforming to IEC 61000-4-3                                                                                                                                                                                                                                                                                                                            |
| Standards                     | Safety : EN/IEC 60204-1<br>Safety : EN/ISO 13849-1<br>Safety : EN/IEC 62061<br>Safety : EN/IEC 61508<br>Safety : EN/ISO 13850<br>Hoisting applications : EN/IEC 60204-32<br>Hoisting applications : EN 13557<br>Hoisting applications : EN 12077-2<br>Hoisting applications : EN 15011<br>Hoisting applications : EN 14439<br>Hoisting applications : EN 14492<br>Radio : ETSI EN 301 489-1<br>Radio : ETSI EN 301 489-3<br>Radio : ETSI EN 301 489-17<br>Radio : ETSI EN 300 440-2<br>Radio : ETSI EN 300 328<br>Radio : FCC Part 15<br>Radio : RSS GEN issue 3<br>Radio : RSS 210 issue 8<br>Radio : ARIB STD-T81 |
| Product certifications        | CE<br>UL<br>CSA<br>C-Tick<br>JIS<br>KC<br>EAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Offer Sustainability

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                        |
| RoHS (date code: YYWW)           | Compliant - since 1415 - <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>    |