



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 Material handling
Number of channels	50
Control station application	<p>Limiter protection function : SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1</p> <p>Limiter protection function : SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061</p> <p>Motion function : SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1</p> <p>Motion function : SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061</p> <p>Emergency stop function : SIL 3 maximum (can reach PL e/category 4) conforming to EN/ISO 13849-1</p> <p>Emergency stop function : SIL 3 maximum (can reach PL e/category 4) conforming to EN/IEC 62061</p> <p>Stop function : SIL 2 maximum (can reach PL d/category 3) conforming to EN/ISO 13849-1</p> <p>Stop function : SIL 2 maximum (can reach PL d/category 3) conforming to EN/IEC 62061</p>

Complementary



Kit composition	Remote control 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Available  Download End Of Life Manual