



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	Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/IEC 62061 Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/ISO 13849-1 Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/IEC 62061 Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/ISO 13849-1 Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061 Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1 Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061 Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1

Complementary

Kit composition	Configuration software Remote control Cable Base station Shoulder belt Holder
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

radio agreement	ANATEL SRRC FCC RSS ICASA ARIB
relative humidity	0...95 % (temperature : -4...113 °F (-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: 4 kV class B (on contact) conforming to IEC 61000-4-2 Resistance to electrostatic discharge: 8 kV class B (in air) conforming to IEC 61000-4-2
standards	Safety: EN/IEC 60204-1 Safety: EN/ISO 13849-1

Safety: EN/IEC 62061
 Safety: EN/IEC 61508
 Safety: EN/ISO 13850
 Hoisting applications: 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
 Radio: ETSI EN 301 489-1
 Radio: ETSI EN 301 489-3
 Radio: ETSI EN 301 489-17
 Radio: ETSI EN 300 440-2
 Radio: ETSI EN 300 328
 Radio: FCC Part 15
 Radio: RSS GEN issue 3
 Radio: RSS 210 issue 8
 Radio: ARIB STD-T81

product certifications	CE C-Tick UL CSA EAC JIS KC
------------------------	---

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1415 - Schneider Electric declaration of conformity	Compliant - since 1415 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Nickel compounds, which is known to the State of California to cause cancer, and	Nickel compounds, which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XARSK8L12H](#)