

Harmony[®] Pocket remote wireless control system

Operator control stations

Quick access to product information

Get technical information about your product

References

Telefast Pre-wired System
Modicon ABE9 IP 67 passive splitter boxes

References						
Splitter boxes with connections by M2 connector						
Number of circuits	Connection by	LED indicator	Reference	Weight (kg)	Volume (cm ³)	Price (€)
4	A-1012	Yes	ABE9C1012	0.270	1.100	1.100
6	B-1012	Yes	ABE9C1012	0.280	1.100	1.100
8	C-1012	Yes	ABE9C1012	0.290	1.100	1.100
10	D-1012	Yes	ABE9C1012	0.300	1.100	1.100
Splitter boxes with connections by Cable						
Number of circuits	Connection by	Length (mm)	Reference	Weight (kg)	Volume (cm ³)	Price (€)
4	A-1012	5	ABE9L1012	0.280	1.100	1.100
6	B-1012	5	ABE9L1012	0.290	1.100	1.100
8	C-1012	5	ABE9L1012	0.300	1.100	1.100
10	D-1012	5	ABE9L1012	0.310	1.100	1.100

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

Schneider Electric

XB5AL73415
green flush/red projecting double-headed pushbutton Ø22 with marking

Download your XB5AL73415 datasheet

Change your selection

Discover other products & accessories

Discover your Schneider Electric tools

Characteristics | Dimensions Drawings | Mounting and Clearance | Documents & Downloads

Main

Range of product	Harmony XB5
Product or component type	Complete double-headed push-button
Device short name	XB5
Device material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 mm
Shape of signaling unit head	Rectangular
Type of operator	Spring return
Operator profile	1 flush - 1 projecting push-buttons
Operator description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow break

Find your catalog



- > With just 3 clicks, you can reach the Industrial Automation and Control catalogs, in both English and French
- > Download Digi-Cat with this [link](#)

General Catalog

- Industrial Automation
- Energy
- Power Quality
- Low Voltage
- High Voltage
- Control Systems
- Machine Safety
- Process Automation
- Water & Wastewater
- Transportation
- Buildings
- Energy Efficiency
- Services & Support
- Training & Education
- Partners & Suppliers
- Environmental & Social
- Investor Relations
- Media & Communications
- Legal & Compliance
- Privacy & Security
- Accessibility

- Updated quarterly
- Embeds product selectors and configurators, 360° images, training centers
- Optimized search by commercial reference

Select your training



- > Find the right [Training](#) for your needs on our Global website
- > Locate the training center with the selector tool, using this [link](#)

Training and courses

Training by domain of expertise

- Low Voltage
- High Voltage
- Control Systems
- Machine Safety
- Process Automation
- Water & Wastewater
- Transportation
- Buildings
- Energy Efficiency
- Services & Support
- Training & Education
- Partners & Suppliers
- Environmental & Social
- Investor Relations
- Media & Communications
- Legal & Compliance
- Privacy & Security
- Accessibility

General contents

Harmony Pocket remote wireless control system

■ General Presentation	page 2
<i>Selection guide</i>	page 4
■ Presentation.....	page 10
■ Description	page 10
■ References	
□ Transmitter, receiver, and accessories.....	page 11
■ Product reference index.....	page 12

Operator control stations

Wireless remote control system

Harmony Pocket remote

Pocket-sized operator control offer for general machine control

The Harmony® Pocket range of wireless remote control systems is an operator control station used in material handling and general machine control applications. It is based on 2 types of device:

- > A remote control transmitter, which is the operator interface with the machine.
- > A receiver, which is hardwired to the machine. It receives control commands from the remote device and transmits information to the operator.

The remote control system is a combination of these devices that communicates via radio transmission.

Pocket-sized form factor

- > Designed to fit in the palm of the hand
- > Embedded mounting solution to fit easily on belt



Remote device design though small in size has the option of 3, 4, 6, 8, and 10 buttons to suit user requirements

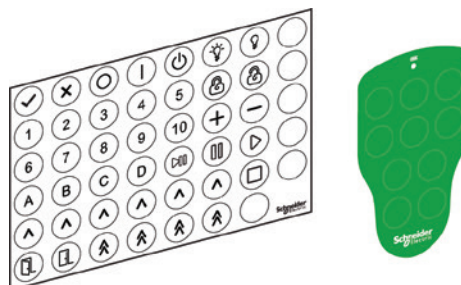
Friendly customization

- > Industrial-grade cover can be easily customized
- > Enables clarity of operation by having the details on the front cover itself



Predefined label cover

- > A front cover with a range of commonly used icons
- > Quick and easy customization with minimal design effort



Note: For customization, please contact your local Schneider Electric representative for technical support.

 Customize your transmitter with the DIY label kit



360° view
click on the image for 3D view

Universal easy-to-use offer

- > Harmony Pocket remote uses the globally-compatible 2.4 GHz frequency, which is in unrestricted worldwide use.
- > The offer is compliant with FCC and IC.



2.4GHz frequency

Unrestricted worldwide use with a global frequency

Industrial applications

- > Ideally suited for the majority of industrial applications



Material Working



Semiconductor



Packaging



Pumping



Food and Beverage



Water & Wastewater



Winch



Wireless machine upgrades in 60 seconds




Pendant control stations

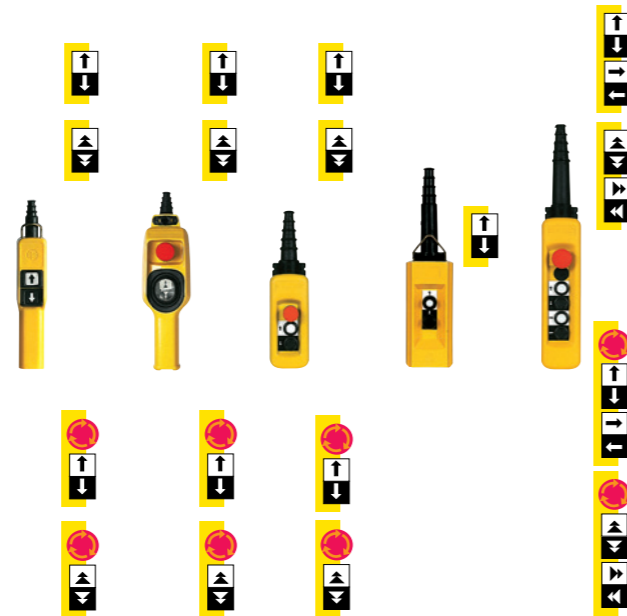
Complete stations "ready for use"

Applications

Motor control

Pendant control stations	
Control circuits	
Simple hoisting: 1 movement	Handling-hoisting: 2 movements

-  Single-speed
-  2-speed
-  Emergency stop



Number of operators	2	1 (2-directional)	2	2	4
Enclosure material	Polypropylene			Polyester	Polypropylene
Shock resistance	100 gn	70 gn	100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)			EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)
Protective treatment	Standard version, "TH"				
Degree of protection	IP65 IK08				
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 7 to 15 mm/ 0.28 to 0.59 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/ 0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/0.28 to 0.51 in., Ø 10 to 22 mm/0.39 to 0.87 in., Ø 22 to 35 mm/0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/0.31 to 1.02 in.
Operator control station type reference	XACA	XACD	XACA	XACB	XACA

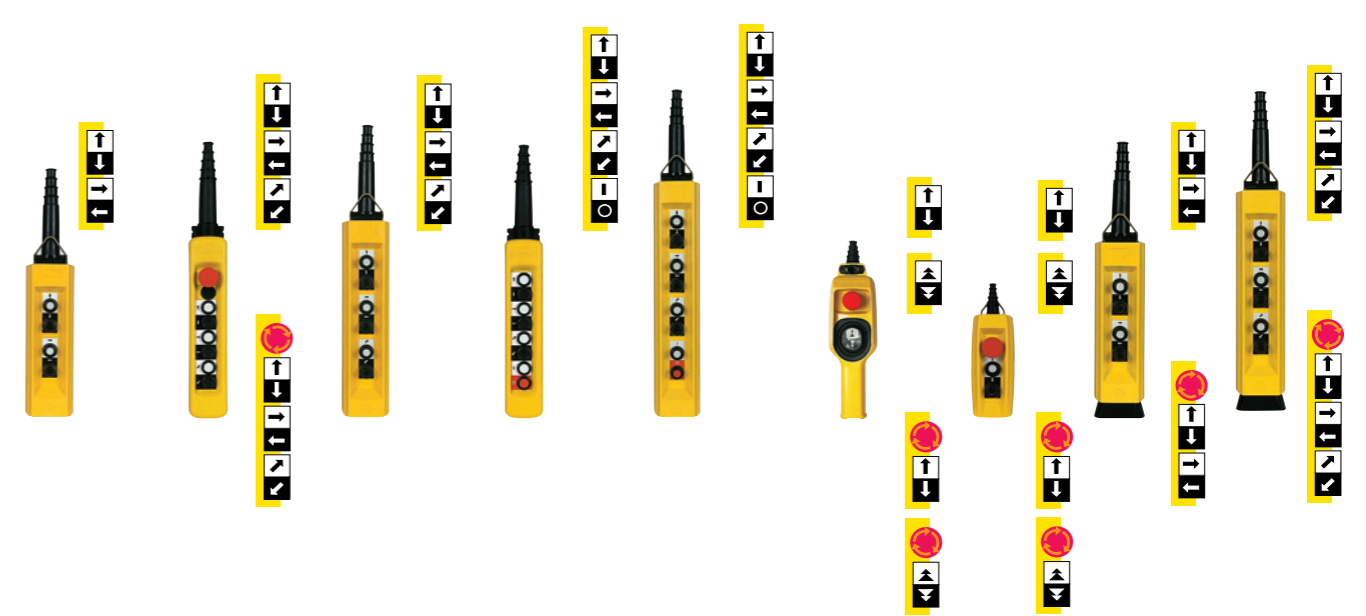
(1) For versions with trigger action Emergency stop.

[Click here for Pendant control station catalog](#)

More technical information on www.schneider-electric.com

Pendant control stations	
Control circuits	
	Handling-hoisting: 3 movements

Power circuits		
Simple hoisting: 1 movement	Handling-hoisting:	
	2 movements	3 movements



4	6	6	8	8	1 (2-directional)	2	4	6	
Polyester	Polypropylene	Polyester	Polypropylene	Polyester	Polypropylene	Polyester			
100 gn					100 gn				
EN/IEC 60947-5-1, CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)	EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)	EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)				
Standard version, "TH"					Standard version, "TH"				
IP65 IK08					IP65 IK08				
Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/ 0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in.			
XACB	XACA	XACB	XACA	XACB	XACD	XACB	XACB	XACB	

More technical information on www.schneider-electric.com

Pendant control stations

Variable composition stations

Applications	Pendant control stations		
	Control circuits		
Number of cut-outs	1 or 2	2, 3, 4, 5, 6, 8, or 12	2, 3, 4, 6, 8, or 12 in 1 row or 2 rows of 6



Enclosure material	Polypropylene	Polyester	
Shock resistance Conforming to standard IEC 60068-2-27	100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)		
Protective treatment	Standard version, "TH"		
Degree of protection Conforming to standard IEC 60529	IP65		
Conforming to standard EN 50102	IK08		
Equipment	<ul style="list-style-type: none"> Emergency stop (front mounted) Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in.
Operator control station type reference	XACD	XACA	XACB

Pendant control stations	Power circuits	
Control circuits		
Up to 30	1 or 2	2, 3, 4, 6, 8, or 12 in 2 rows of 6



Enclosure material	Polyester	Polypropylene	Polyester
Shock resistance 100 gn	100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)		
Protective treatment	Standard version, "TH"		
Degree of protection IP65	IP65		
IK08	IK08		
Equipment	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Emergency stop (front mounted) Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in. and Ø 22 to 35 mm/0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in.
Operator control station type reference	XACF	XACD	XACB

Operator control stations

Complete stations "ready for use"

Applications	Wireless remote control stations
	Control circuits
	Handling-hoisting: 3 movements



Number of operators	6
Enclosure material	Polycarbonate (PBT)
Shock resistance	100 gn
	Conforming to standard IEC 60068-2-27
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/ISO 13849-1, EN/IEC 62061, EN/IEC 61508, EN/ISO 13850, EN 13557, and EN 15011
Protective treatment	Standard version, "TC"
Degree of protection	IP65
	Conforming to standard IEC 60529
	IK08
	Conforming to standard EN 50102
Cable entries	-
Operator control station type reference	XAR

(1) For versions with trigger action Emergency stop.

Wireless remote control stations
Control circuits



Number of operators	3, 4, 6, 8, and 10
Enclosure material	Polyurethane
Shock resistance	-
Conformity to standards	For receiver: EN 300 328 V2.1.1: 2016-11 EN 301 489-1 V2.1.1: 2017-02 EN 301 489-17 V3.1.1: 2017-02 EN 60950-1:2006 + A11: 2009 EN 50581: 2012 For transmitter: EN 300 440 V2.1.1: 2017-03 EN 301 489-1 V2.1.1: 2017-02 EN 301 489-3 V2.1.1: 2017-03 EN 60950-1:2006 + A11: 2009 + A1: 2010 + A12: 2011 EN 62479: 2010 EN 50581: 2012
Protective treatment	Standard version, "TC"
Degree of protection	IP67 for transmitter and IP66 for receiver
Cable entries	- PVC torsion cable, largest single wire Ø 0.21 mm (0.008 in.), outer Ø 12.0 mm (0.47 in.)
Operator control station type reference	ZAR

[Click here for Harmony eXL hoist catalog](#)

More technical information on www.schneider-electric.com

[Click here for Harmony Pocket catalog](#)

More technical information on www.schneider-electric.com

Operator control stations

Wireless remote control system

Harmony Pocket Remote



Harmony Pocket remote control system

Presentation

The Harmony Pocket remote range of wireless remote control systems provides mobility solutions to help improve operator efficiency and reduce installation time.

The remote control system is a combination of a transmitter and a receiver, which transmits commands and information from the operator to the machine by wireless transmission.

The offer comprises:

- 5 transmitter options ranging from 3 buttons up to 10 buttons
- 2 receiver options of 5 and 11 relays

Radio communication

The system operates on 2.4 GHz frequency with simplex one direction radio. In order to prolong the autonomy of the system, a radio signal will be transmitted when at least one of the buttons is pressed.

Environment

Degree of protection:

- IP65 for the receiver
- IP65 and NEMA 4 for the wireless control device

Product certification:

- For the receiver: CE
- For the transmitter: CE, FCC, IC

Description

Transmitter

The transmitter has the following controls:

- 1 Status LED display
- 2-11 Buttons
- 12 Power button (ON/OFF)
- 13 Clip
- 14 Product label

Receiver

The receiver has the following controls:

Front view

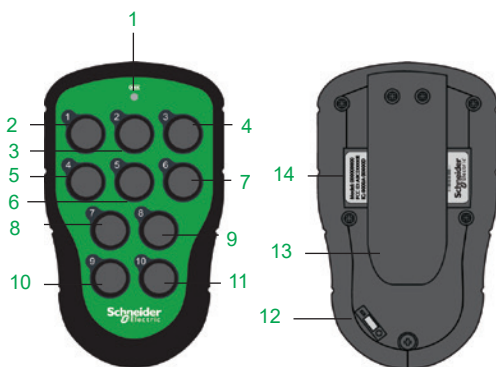
- 1 4 x Ø5 mm/0.20 in. holes for standard mounting on a support
- 2 4 x screws to maintain the cover of the receiver
- 3 1 x cable gland for cables Ø 6...13 mm/0.25...0.50 in.

Internal board view

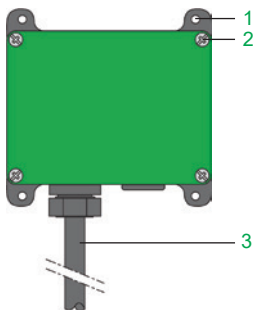
- 1 Relays R1 ...R5
- 2 Relay LEDs (red)
- 3 Power LED (yellow)
- 4 Radio module
- 5 Function button (cancel)
- 6 Select button (OK)
- 7 Function LEDs
(8 = red, 9 = yellow, 10 = green, 11 = orange)
- 8 Terminal block for input power

Expansion board view

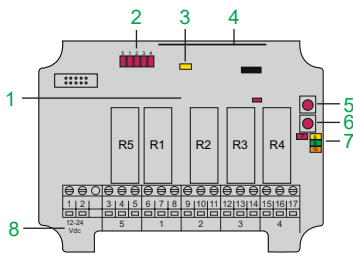
- 9 Relays R6...R11
- 10 Relay LEDs (red)
- 11 Communication LED (green)



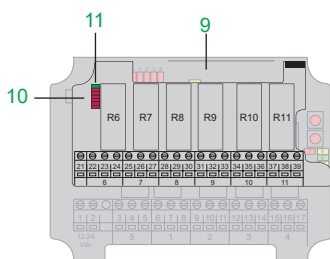
Front view of ZART10 transmitter Rear view of transmitter



Front view of receiver



Internal board view of receiver



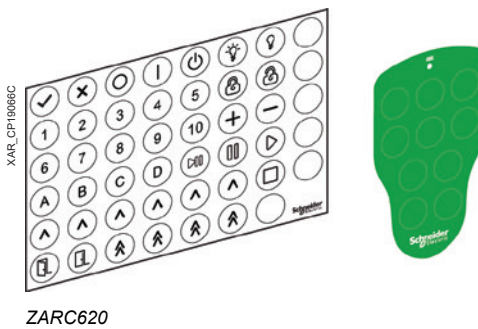
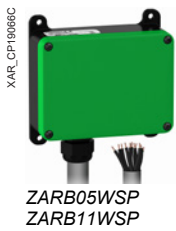
Expansion board view of receiver

Operator control stations

Wireless remote control system

Harmony Pocket Remote

Transmitter, receiver, and accessories



Transmitter

Description	Battery	No. of pushbuttons	Reference	Weight kg/lb
Single-step pushbutton	2 x 1.5 V AAA/LR06 Alkaline (1)	3	ZART03	0.135/0.298
		4	ZART04	0.135/0.298
		6	ZART06	0.135/0.298
		8	ZART08	0.135/0.298
		10	ZART10	0.135/0.298

Receiver

Description	Relay outputs	Power supply V	Reference	Weight kg/lb
Wired connection (pre-wired with 1.5 m/4.92 ft cable)	5 relays	12...24 ---	ZARB05WSP	0.400/0.882
	11 relays	12...24 ---	ZARB11WSP	0.400/0.882

Accessories

Description	For use with	Sold in lots of (2)	Reference	Weight kg/lb
Customizable label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in.	ZART03, ZART04, ZART06, ZART08, ZART10	1	ZARC620 (3)	0.135/0.298

(1) 2 batteries are included in packaging.

(2) Pack consists of 5 sheets of label kit.

(3) 1 polyester base layer for graphic printing, 1 set of unique legends.

Z	
ZARB05WSP	11
ZARB11WSP	11
ZARC620	11
ZART03	11
ZART04	11
ZART06	11
ZART08	11
ZART10	11

Life Is On



Learn more about our products at
www.schneider-electric.com

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 nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Design: Schneider Electric
Photos: Schneider Electric

Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier - CS 30323
F-92500 Rueil-Malmaison Cedex
France

DIA5ED2190902EN
November 2019 - V1.1