

Harmony XB5R plastic and XB4R metal

the art of simplicity

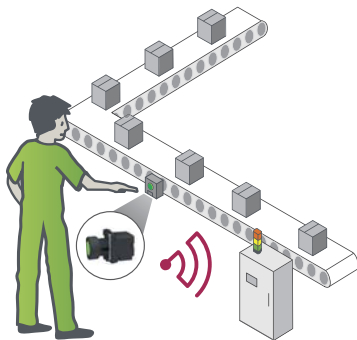
Save installation time with the wireless and batteryless Harmony XB5R & XB4R pushbuttons

This new offer provides savings in installation time and costs by totally eliminating cabling and associated accessories between the pushbutton and the electrical cabinet.

- > **Simplified machine cabling**
with completely wireless pushbuttons
- > **Easier integration through open protocols**
by serial link Modbus and Ethernet Modbus/TCP
- > **Architecture solutions**
for integration into industrial and building environments

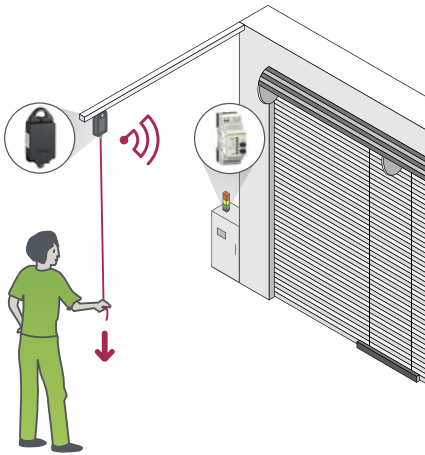


Simplified cabling



How do you quickly install a new hard-wired pushbutton on your conveyor system? It can be challenging.

You have to take many factors into account: the length of cable and connections to the pushbutton, the cabling and connections in the cabinet, and the time required for fitting the cables in covers or existing cable ducting.



Using the new wireless and batteryless Harmony XB5R & XB4R pushbuttons or ZBRP1 rope pull switch, the only cabling required is for the receiver in the cabinet.

Permanent availability

- Maximum availability of your control function
- Reduced maintenance with no battery to replace, recharge or recycle
- Energy-efficient thanks to non-current consuming transmitter

Proven robustness

- High resistance to contamination from dust (no cable entry)
- No risk of cable damage or loosened screws on the transmitter
- Proven quality and performance of the Harmony range



no battery
to replace

Economical and flexible

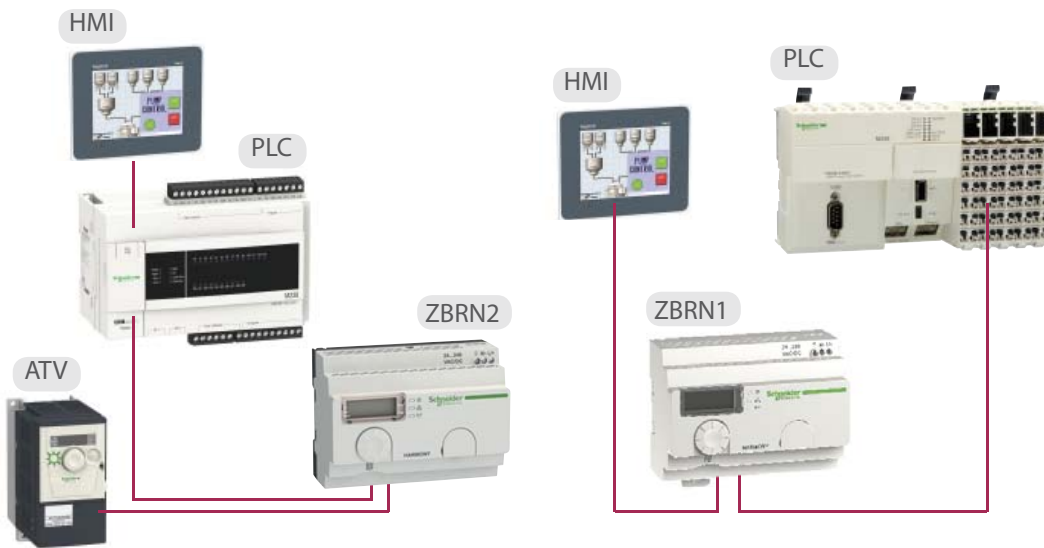
- Reduction in installation costs and time
- No configuration required thanks to ready-to-use packs
- Freedom of movement around the machine
- Ideal solution when you need to add or move a control function

-20%
Installation cost
compared to a
hard-wired solution

Integration and open protocols

Integration into industrial automation via a field bus link

- Modbus serial link: as found on all Schneider Electric PLCs
- Modbus/TCP: integrated into the newer range of Schneider Electric PLCs and HMIs



2
Open standard protocols

Simple and economic



Double RJ45 enables network continuity without using hubs or switches

Up to **60**
transmitters connected on the same bus

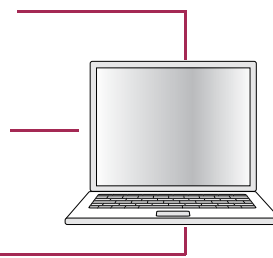
Easy set up



Manual parameter interface

DTM interface and web pages with PC

SD card + csv files with PC



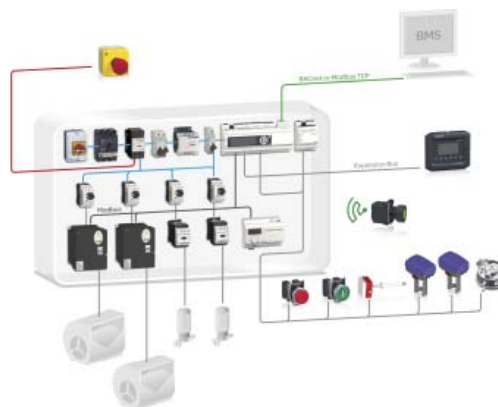
3
setting modes

Architecture solutions

Harmony XB5R & XB4R are designed to easily integrate into MachineStruxure™ architectures for OEM machine builders and into PlantStruxure™ architectures for process environments.



Examples of architectures - Machine



Examples of architectures - HVAC

Industrial applications

Suitable for a wide range of industrial applications, including explosive atmospheres for dust and gas environments.



Packaging



Cement



Automatic doors



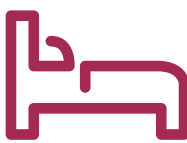
Hospital



Food & Beverage



Automotive



Hotel



Lighting

Building applications

Compliant with DIN 43380 standard.

A worldwide range

From individual products to ready to use packs

Pushbutton

ZB5RTA2



Rope pull switch

ZBRP1



Mushroom head pushbutton

ZB5RTC2



Receiver

ZBRRA



Ethernet Modbus/
TCP Module

ZBRN1

Ethernet Modbus
serial module

ZBRN2



Ready-to-use solution packs

- Designed to meet the requirements of the most common applications
- Simple to order with only one reference number
- Easy to install with factory pre-programmed transmitter and receiver

Only 1 transmitter per receiver

Up to 32 transmitters per receiver

Plastic head

XB5RFB01

Metal head

XB4RFB01



- Transmitter with plastic or metal pushbutton
- Non-configurable receiver, 1 CO relay output

Plastic head

XB5RFA02

Metal head

XB4RFA02



- Transmitter with plastic or metal pushbutton
- Set of 10 pushbutton caps
- Configurable receiver, 2 CO relay outputs

Plastic head

XB5RMB03

- Transmitter with plastic pushbutton ZB5R in ergonomic enclosure
- Non-configurable receiver, 1 CO relay output



Plastic head

XB5RMA04

- Transmitter with plastic pushbutton ZB5R in ergonomic enclosure
- Set of 10 pushbutton caps
- Configurable receiver, 2 CO relay outputs

