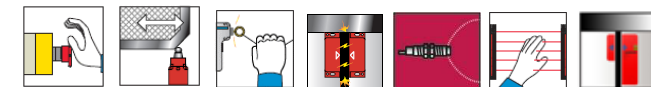
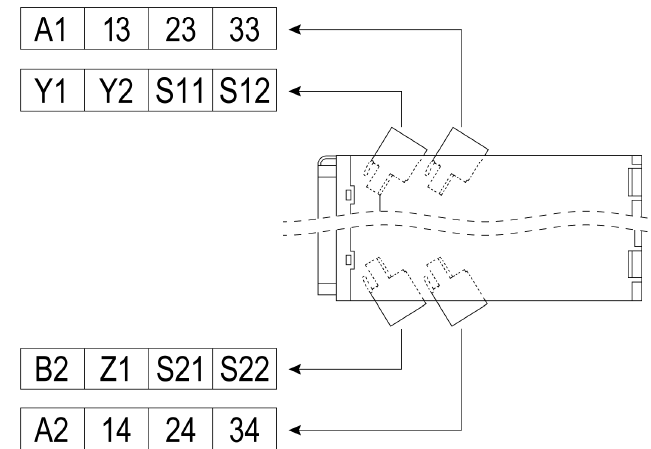
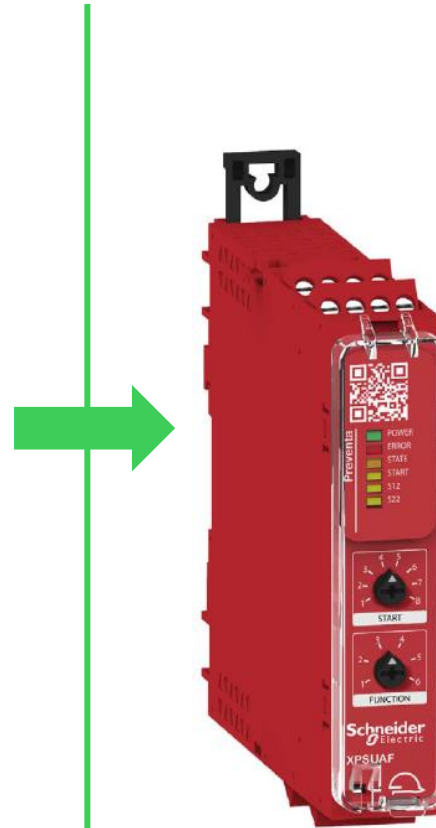
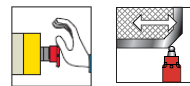
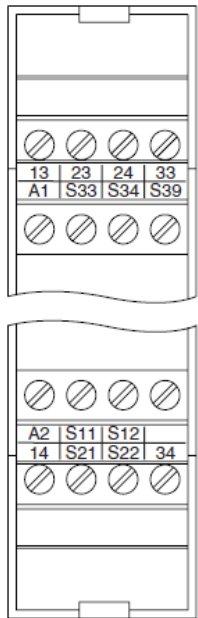


# XPSAF is replaced by XPSUAF

XPSAF

XPSUAF



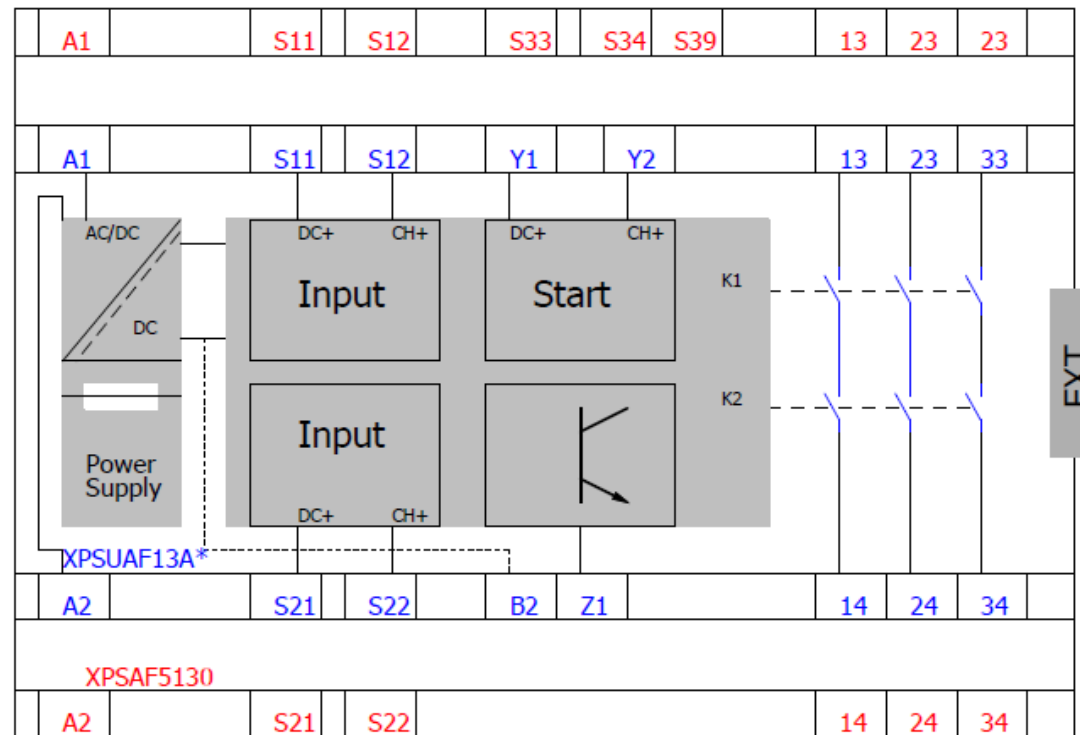
Commercial Reference	Commercial Reference
XPSAF5130	XPSUAF13AP
XPSAF5130P	XPSUAF13AP

## XPSAF is replaced by XPSUAF

XPSAF

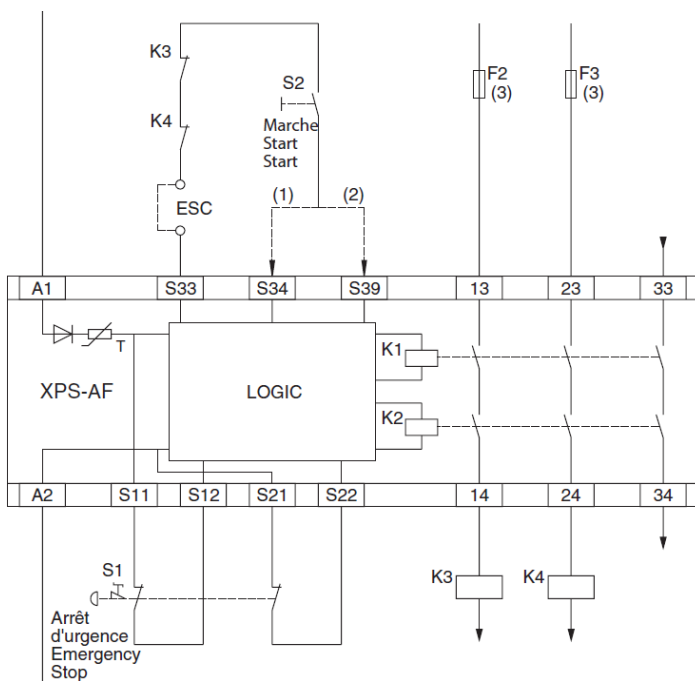


XPSUAF

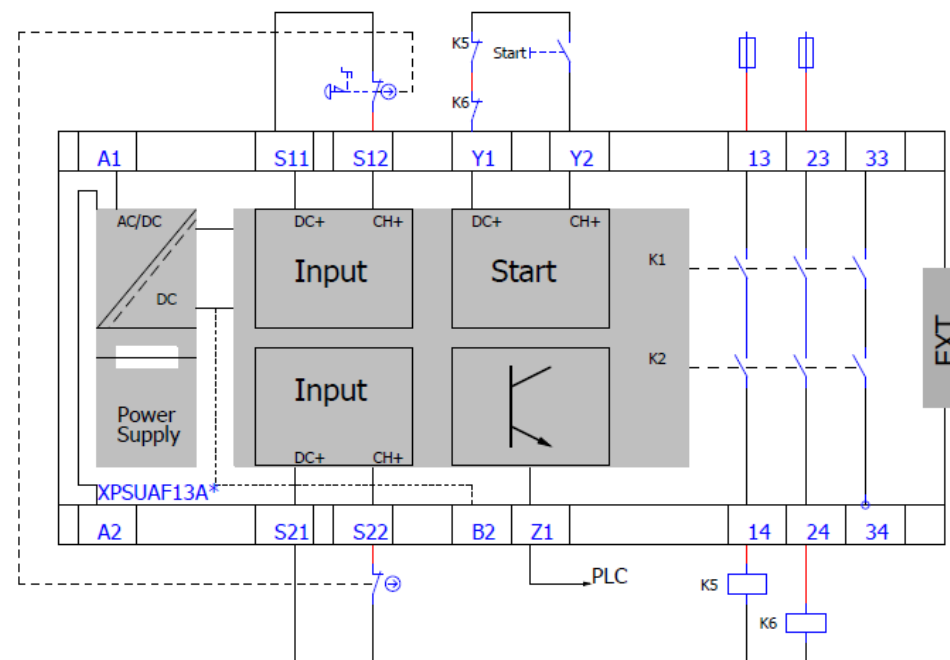


# Wiring Emergency Stop diagram XPSAF & XPSUAF

## XPSAF



## XPSUAF



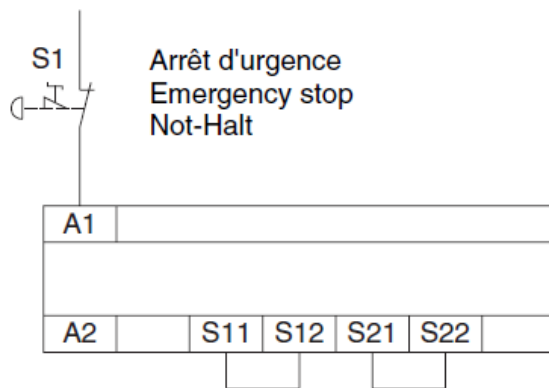
- (1) With monitoring of the start button
- (2) Without monitoring of the start button

- Y1**- Control output (DC+) of start input
- Y2**- Input channel (CH+) of start input
- Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT**- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 1.
- START** configuration position 3 if S34 terminal is used OR position 1 if S39 terminal is used
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to PLe, Cat.4, SILCL3

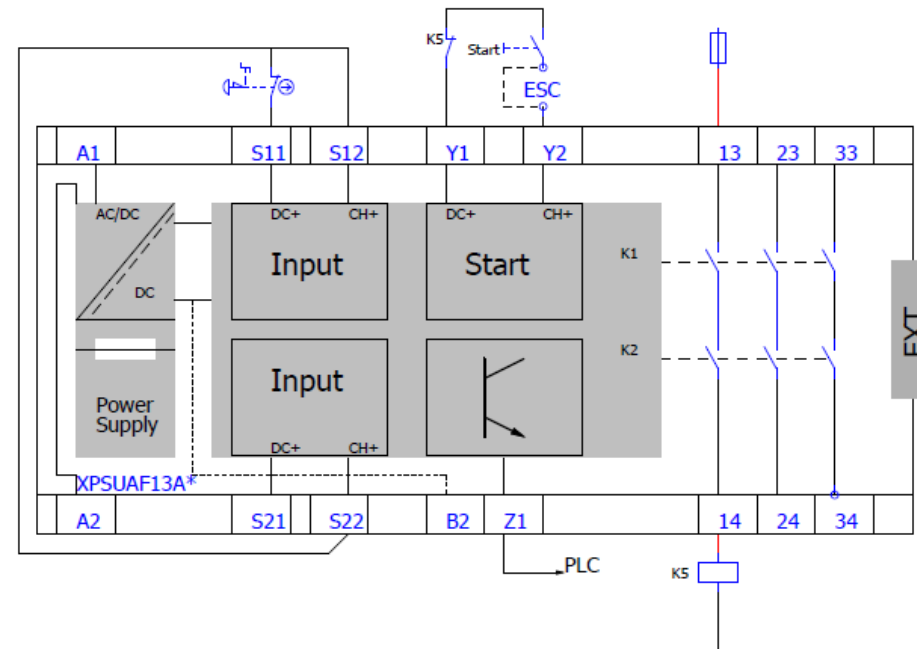
Wiring **Emergency Stop single channel** diagram XPSAF & XPSUAF

XPSAF

Raccordement du bouton à une voie, Catégorie 1  
 One channel connection of one emergency stop button, Category 1  
 Tasteranschluß einkanalig, Kategorie 1



XPSUAF



- (1) With monitoring of the start button
- (2) Without monitoring of the start button

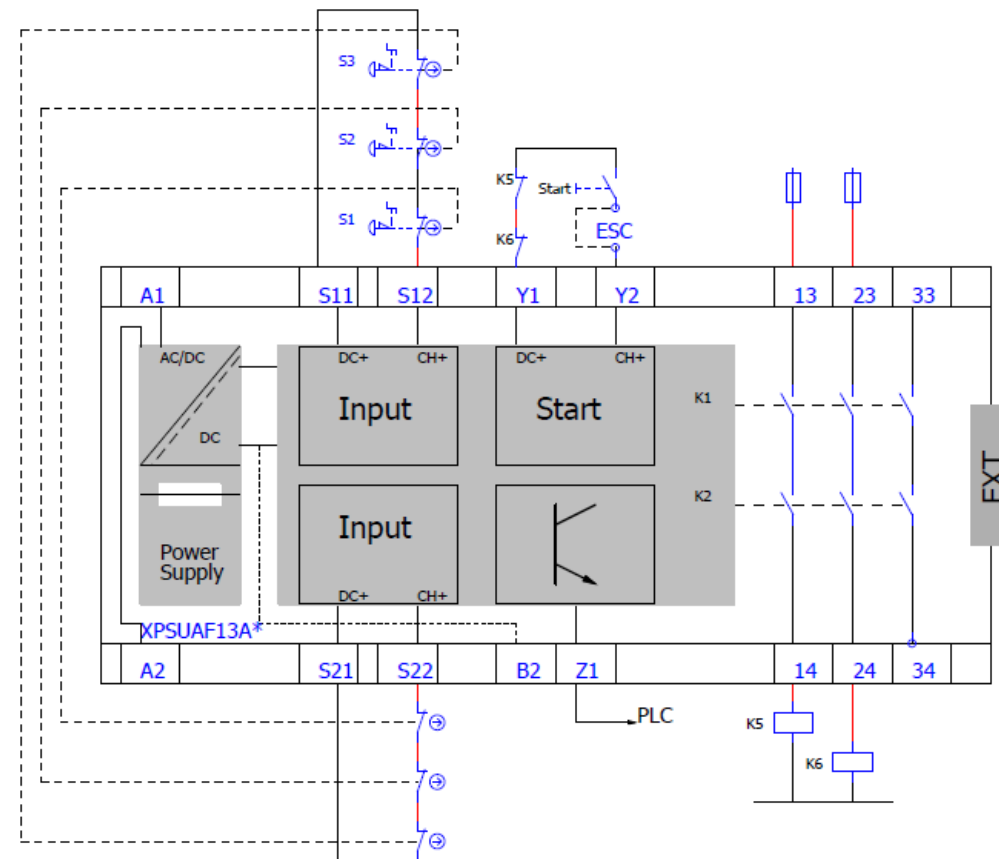
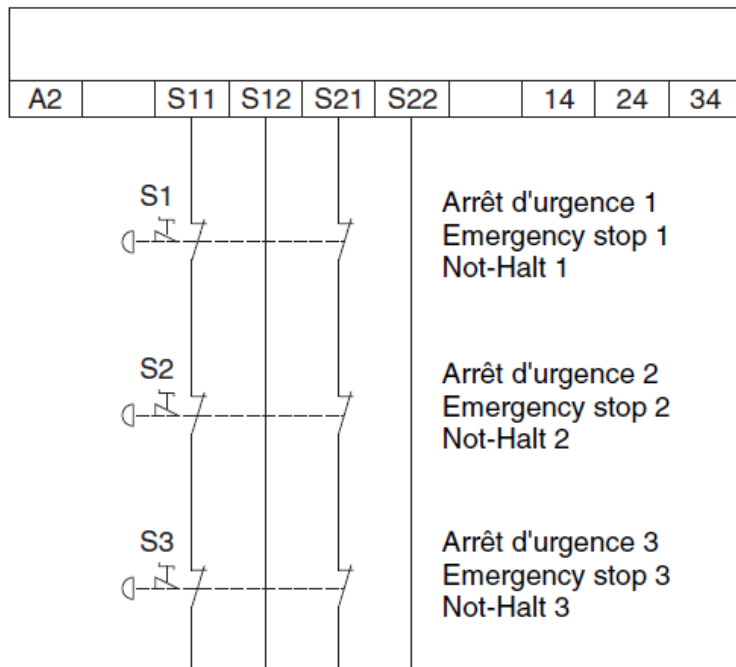
- Y1**- Control output (DC+) of start input
- Y2**- Input channel (CH+) of start input
- Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT**- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 4.
- START** configuration position 3 (S34 terminal is used) OR position 1 (S39 terminal is used)
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to Cat.1, SILCL1

Wiring **Emergency Stop in series** diagram XPSAF & XPSUAF

XPSAF

XPSUAF \*

Raccordement de plusieurs boutons arrêt d'urgence, Catégorie 3  
 Connection of several emergency stop buttons, Category 3  
 Anschluß mehrerer Not-Halt Taster, Kategorie 3



- (1) With monitoring of the start button
- (2) Without monitoring of the start button

## Wiring **Emergency Stop in series** diagram XPSAF & XPSUAF

**Y1**- Control output (DC+) of start input

**Y2**- Input channel (CH+) of start input

**Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related

**B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.

**EXT**- Side connector for output extension module XPSUEP

**Safety FUNCTION** position 1.

**START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).

For more details, please refer to your user guide page 69

\* **NOTE:**

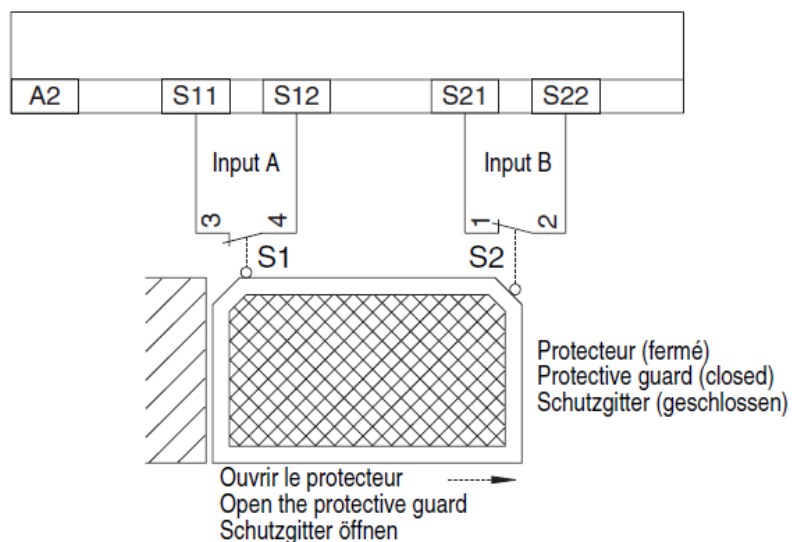
The number of Emergency Stop devices (SRP/CSa), to be used in series at the same Safety-Related input must follow the below technical data:

- Maximum resistance at each of the Safety-Related input (including wires/cables): 500Ω (Ohms)
- Minimum Voltage at each of the Safety-Related input: 15VDC

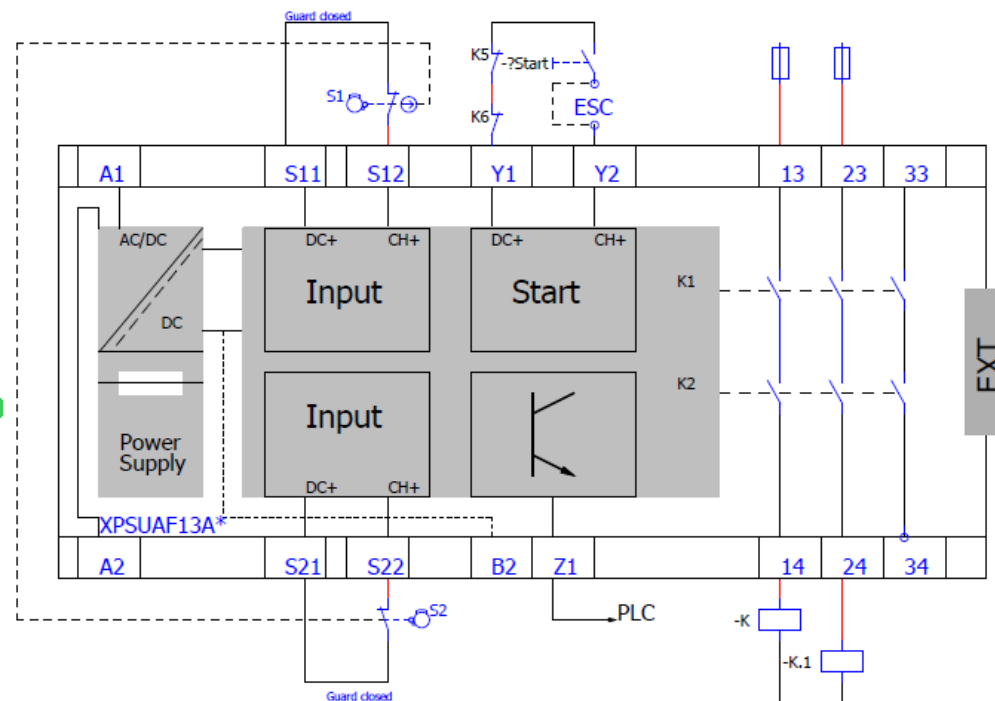
In this application, with appropriated input and output devices, XPSUAF can reach up to PLd, Cat.3, SILCL2

Wiring **Safety Switch** diagram XPSAF & XPSUAF

XPSAF



XPSUAF

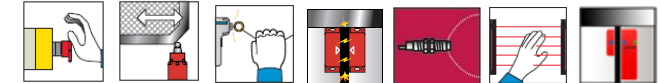
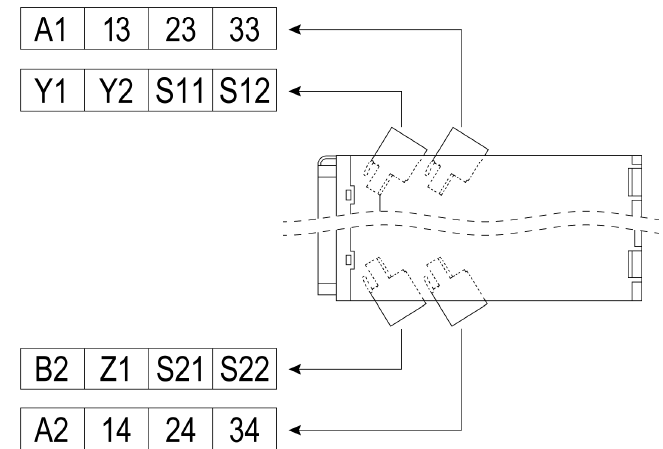
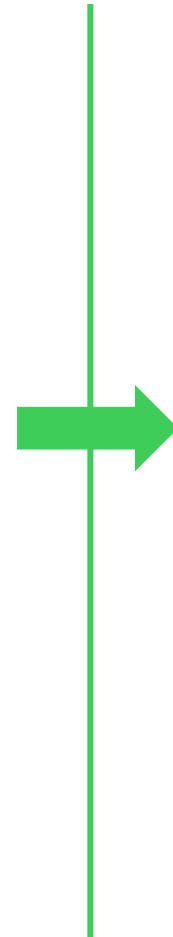
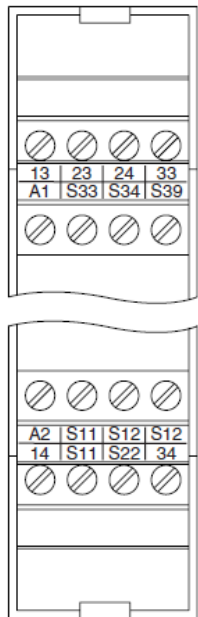


- Y1**- Control output (DC+) of start input
- Y2**- Input channel (CH+) of start input
- Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT**- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 1.
- START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to PLe, Cat.4, SILCL3

# XPSAFL is replaced by XPSUAF

XPSAFL

XPSUAF



Commercial Reference	Commercial Reference
XPSAFL5130	XPSUAF13AP
XPSAFL5130P	XPSUAF13AP

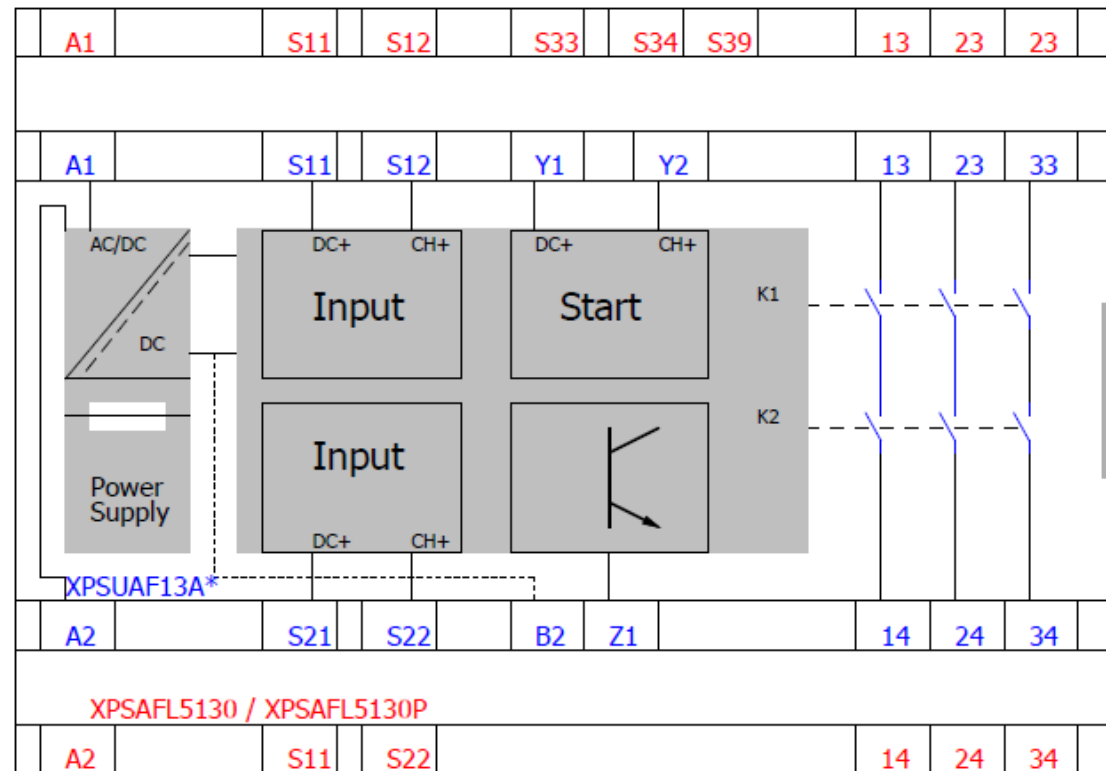


## XPSAFL is replaced by XPSUAF

XPSAFL

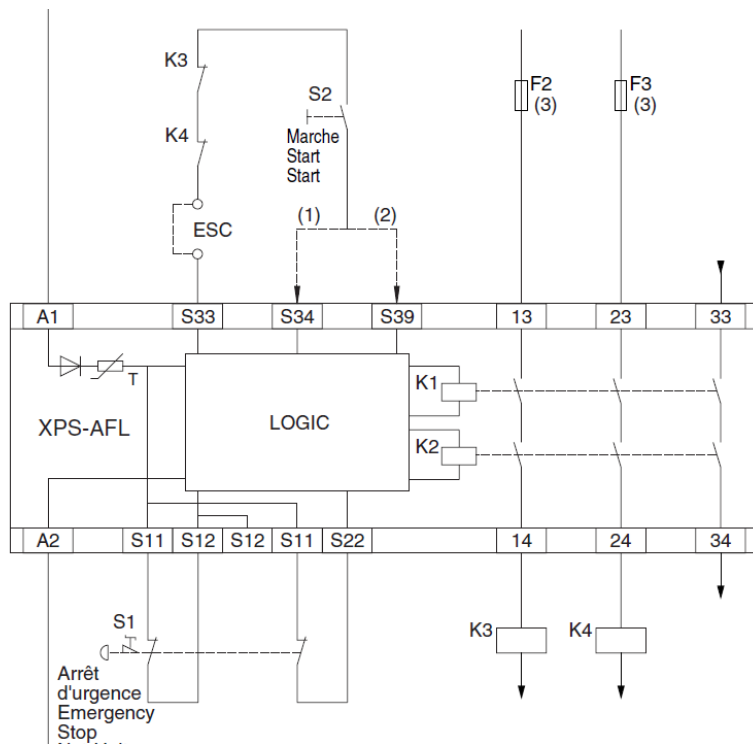


XPSUAF

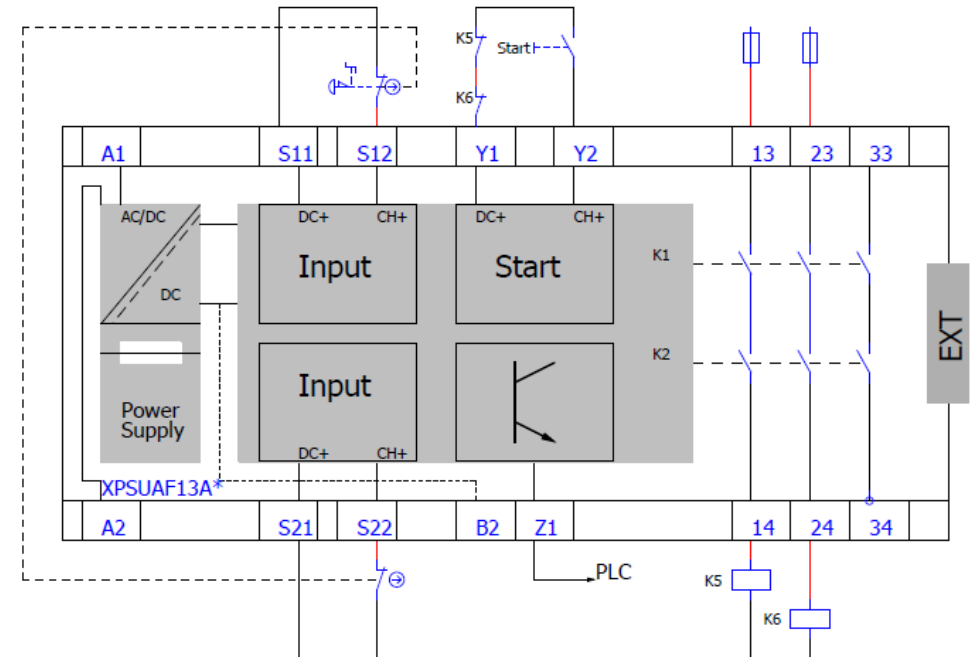


# Wiring Emergency Stop diagram XPSAFL & XPSUAF

## XPSAFL



## XPSUAF



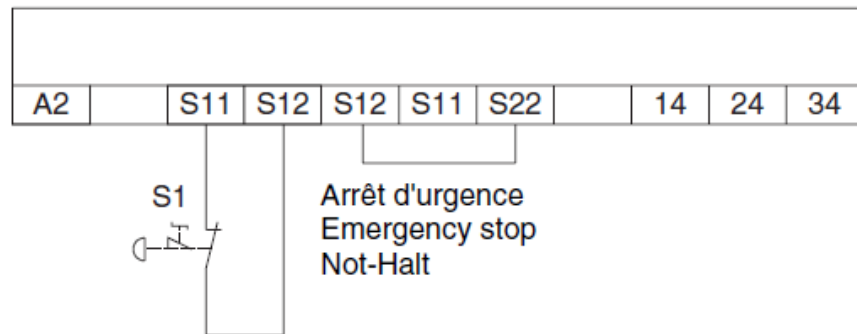
- Y1**- Control output (DC+) of start input
  - Y2**- Input channel (CH+) of start input
  - Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
  - B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
  - EXT**- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 1.  
**START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).  
 For more details, please refer to your user guide page 69  
**Note:** With appropriated input and output devices, XPSUAF can reach up to PLe, Cat.4, SILCL3

- (1) With monitoring of the start button
- (2) Without monitoring of the start button

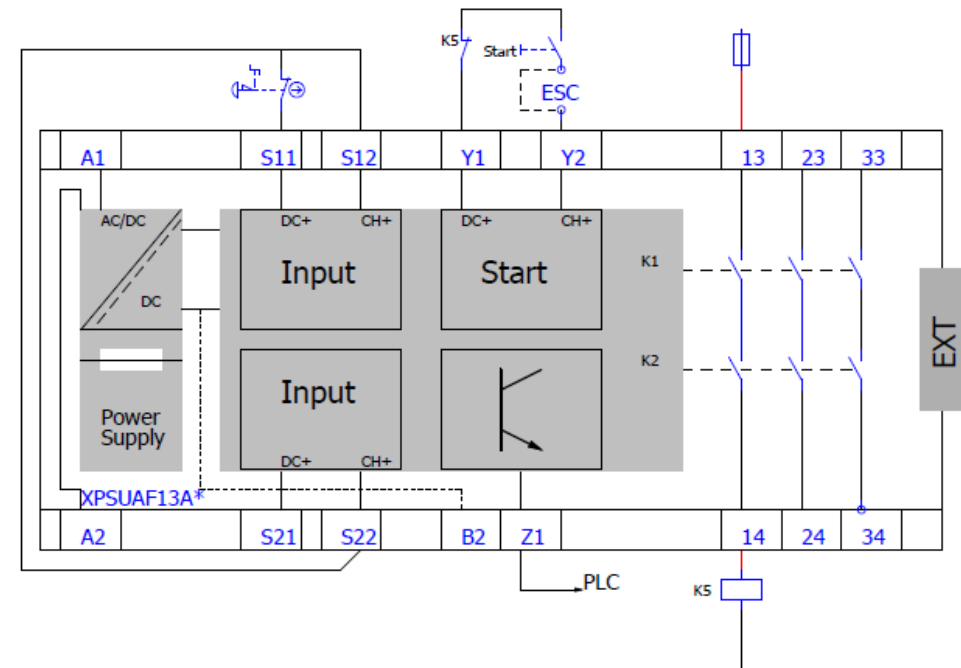
Wiring **Emergency Stop single channel** diagram XPSAFL & XPSUAF

XPSAFL

Raccordement du bouton à une voie  
 One channel connection of one emergency stop button  
 Tasteranschluß einkanalig



XPSUAF

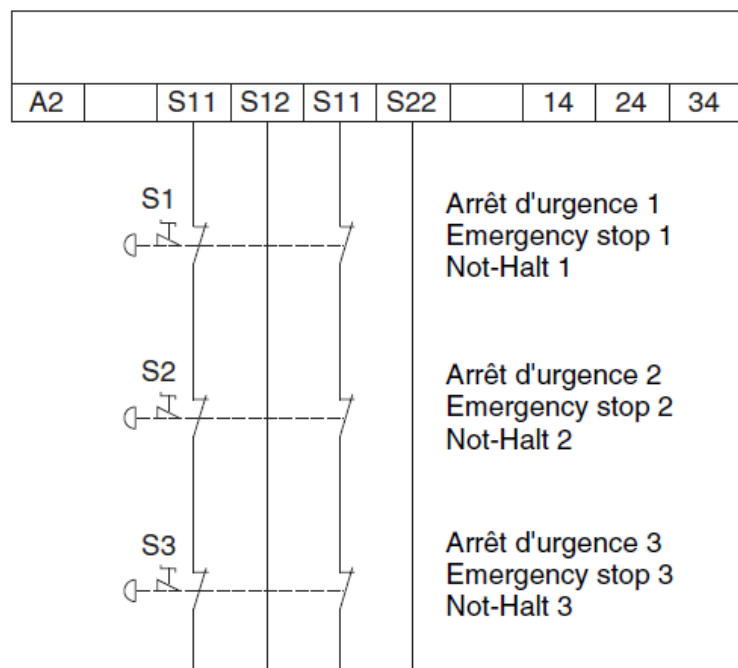


- Y1**- Control output (DC+) of start input
- Y2**- Input channel (CH+) of start input
- Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT**- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 4.
- START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used)
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to Cat.1, SILCL1

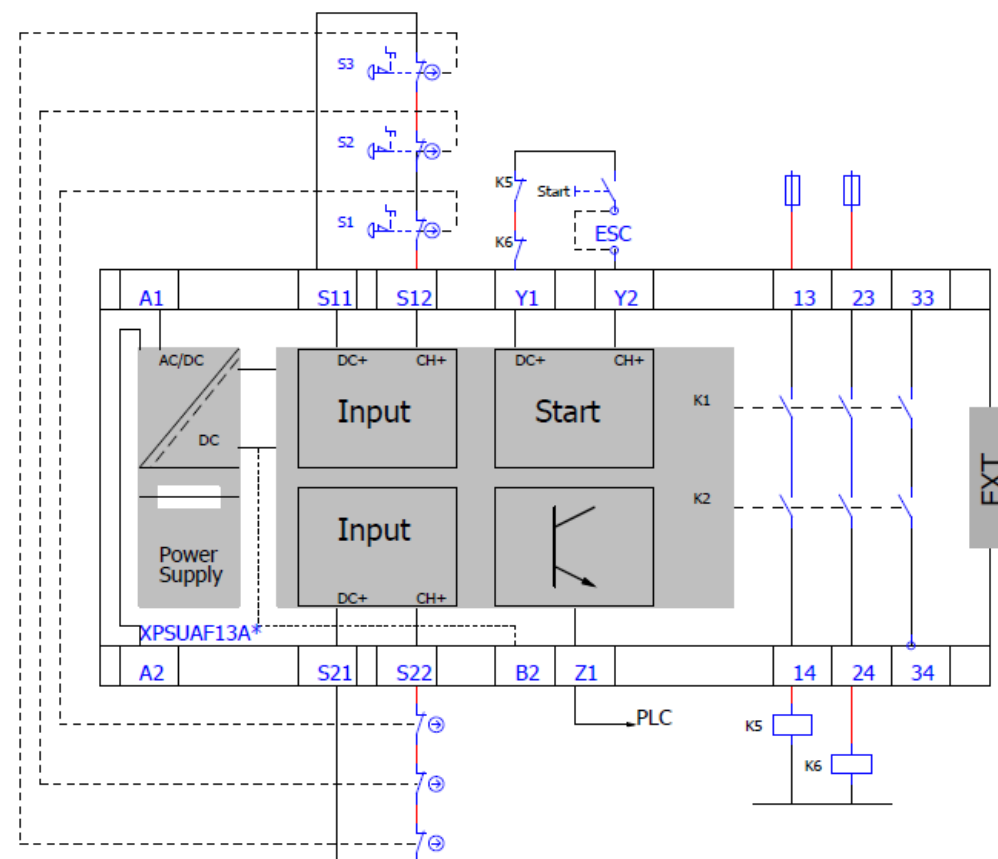
Wiring **Emergency Stop in series** diagram XPSAFL & XPSUAF

XPSAFL

Raccordement de plusieurs boutons arrêt d'urgence, Catégorie 3  
 Connection of several emergency stop buttons, Category 3  
 Anschluß mehrerer Not-Halt Taster, Kategorie 3



XPSUAF\*



## Wiring **Emergency Stop in series** diagram XPSAFL & XPSUAF

**Y1**- Control output (DC+) of start input

**Y2**- Input channel (CH+) of start input

**Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related

**B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.

**EXT**- Side connector for output extension module XPSUEP

**Safety FUNCTION** position 1.

**START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).

For more details, please refer to your user guide page 69

\* **NOTE:**

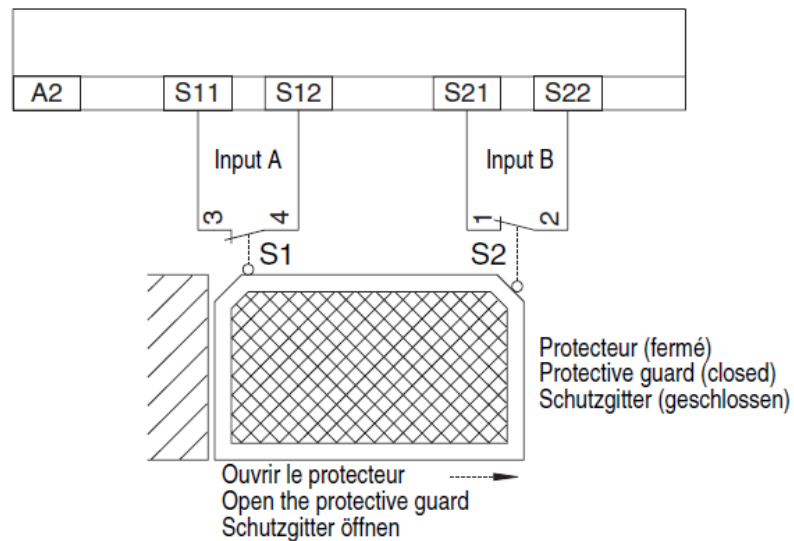
The number of Emergency Stop devices (SRP/CSa), to be used in series at the same Safety-Related input must follow the below technical data:

- Maximum resistance at each of the Safety-Related input (including wires/cables): 500Ω (Ohms)
- Minimum Voltage at each of the Safety-Related input: 15VDC

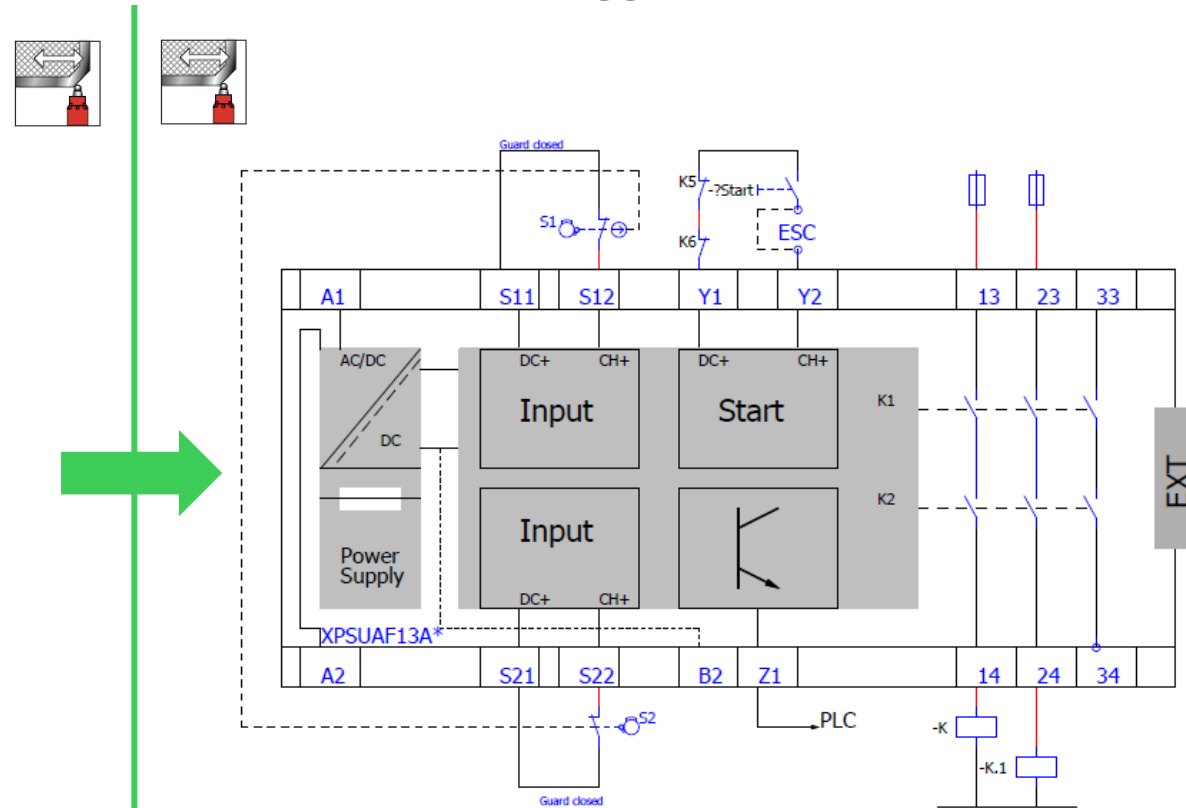
In this application, with appropriated input and output devices, XPSUAF can reach up to PLd, Cat.3, SILCL2

Wiring **Safety Switch** diagram XPSAFL & XPSUAF

XPSAFL



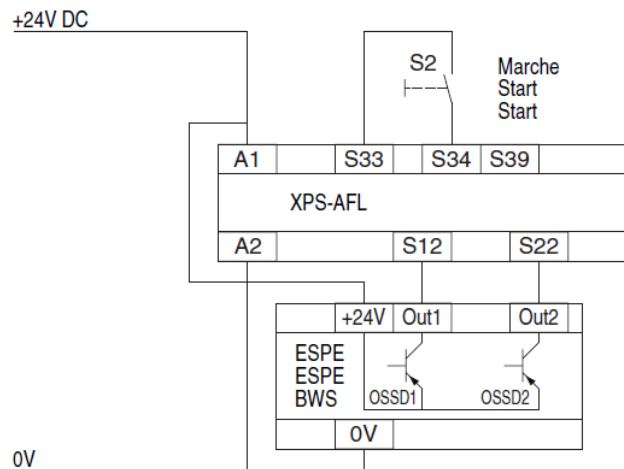
XPSUAF



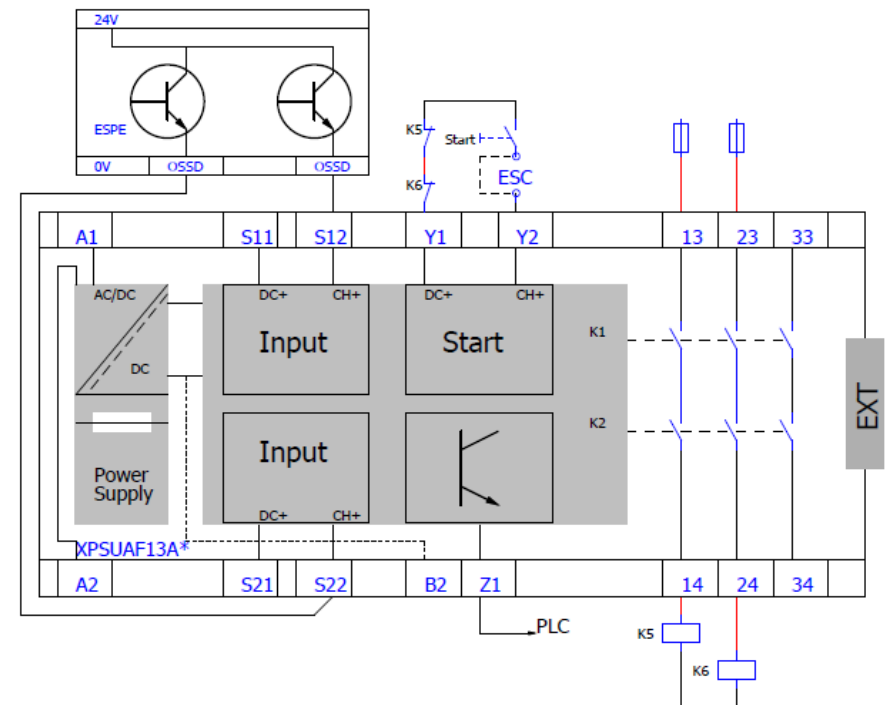
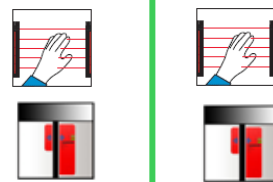
- Y1- Control output (DC+) of start input
- Y1- Control output (DC+) of start input
- Y2- Input channel (CH+) of start input
- Z1- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT- Side connector for output extension module XPSUEP
- Safety FUNCTION** position 1.
- START configuration** position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to PLe, Cat.4, SILCL3

Wiring **Safety Light Curtains or RFID Sensors\*** diagram XPSAFL & XPSUAF

**XPSAFL**



**XPSUAF**



- Y1**- Control output (DC+) of start input
- Y2**- Input channel (CH+) of start input
- Z1**- Pulsed output for diagnostics (see User Guide page 79), not safety- related
- B2**- Terminal for common reference potential for 24Vdc signals. The power supplier of the connected equipment must have a common reference potential to be connected to this terminal.
- EXT**- Side connector for output extension module XPSUEP
- (\*)** Which OSSD (Output Signal Switching Device) outputs are used.
- Safety FUNCTION** position 6
- START** configuration position 3 (S34 terminal is used) OR position 1 (S39 terminal is used).
- For more details, please refer to your user guide page 69
- Note:** With appropriated input and output devices, XPSUAF can reach up to PLe, Cat.4, SILCL3

# CAUTION

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