

# XY2CJ E.stop rope pull switch

## Pilot light ?

How to provide a signal to a pilot light or to a PLC input

Simply easy!™



Telemecanique

Sensors

# XY2CJ E.stop rope pull switch



- XY2CJ alternative to supply a light or a PLC input

- No led or no light integrated into the product to get this function
- External light, how to energize it :

- **Either by an external component**

Like a safety monitoring interface, example XPSUAK safety relay, by using the NC output of this monitoring unit. Please check current compatibility of this output with the light or PLC input

- **Either by using the 3rd NO contact of the rope pull switch**

By selecting a 3-contact block able to supply the light or PLC input when the switch is actuated, i.e. the NO contact of the **XY2CJ\*19** switch reference



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- Pilot light

- **Recommended colour**

According to the table 4 of the IEC 60204-1 standard (electrical equipment of machines), the yellow (or orange) colour is recommended. In this European standard, the red colour is dedicated for an action required in case of hazardous situation. Some countries outside Europe require the red colour.

- **Possible product selection in dia22mm**

- Plastic pilot light in XB5A range (version integrated into XY2CE switch)



- Metal pilot light in XB4B range



- Monolithic plastic pilot light in XB7 range



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- Pilot light

- Examples of light units

- XB5AV



XB5AVB1



XB5EV\*\*



Pilot lights with integral LED				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Shape of head	Supply voltage V	Color	Reference for monolithic units	Reference for complete units
Complete units (With plain lens)				
●	~ 24 (50/60 Hz)	Red	XB5EVB4	XB5AVB4 (ZB5AVB4 + ZB5AV043)
		Orange	XB5EVB5	XB5AVB5 (ZB5AVB5 + ZB5AV053)
		Yellow	XB5EVB8	-
●	~ 110...120 (50/60 Hz)	Red	XB5EVG4	XB5AVG4 (ZB5AVG4 + ZB5AVD43)
		Orange	XB5EVG5	XB5AVG5 (ZB5AVG5 + ZB5AV053)
		Yellow	XB5EVG8	-
●	~ 230...240 (50/60 Hz)	Red	XB5EVM4	XB5AVM4 (ZB5AVM4 + ZB5AV043)
		Orange	XB5EVM5	XB5AVM5 (ZB5AVM5 + ZB5AV053)
		Yellow	XB5EVM8	-

- XB7EV



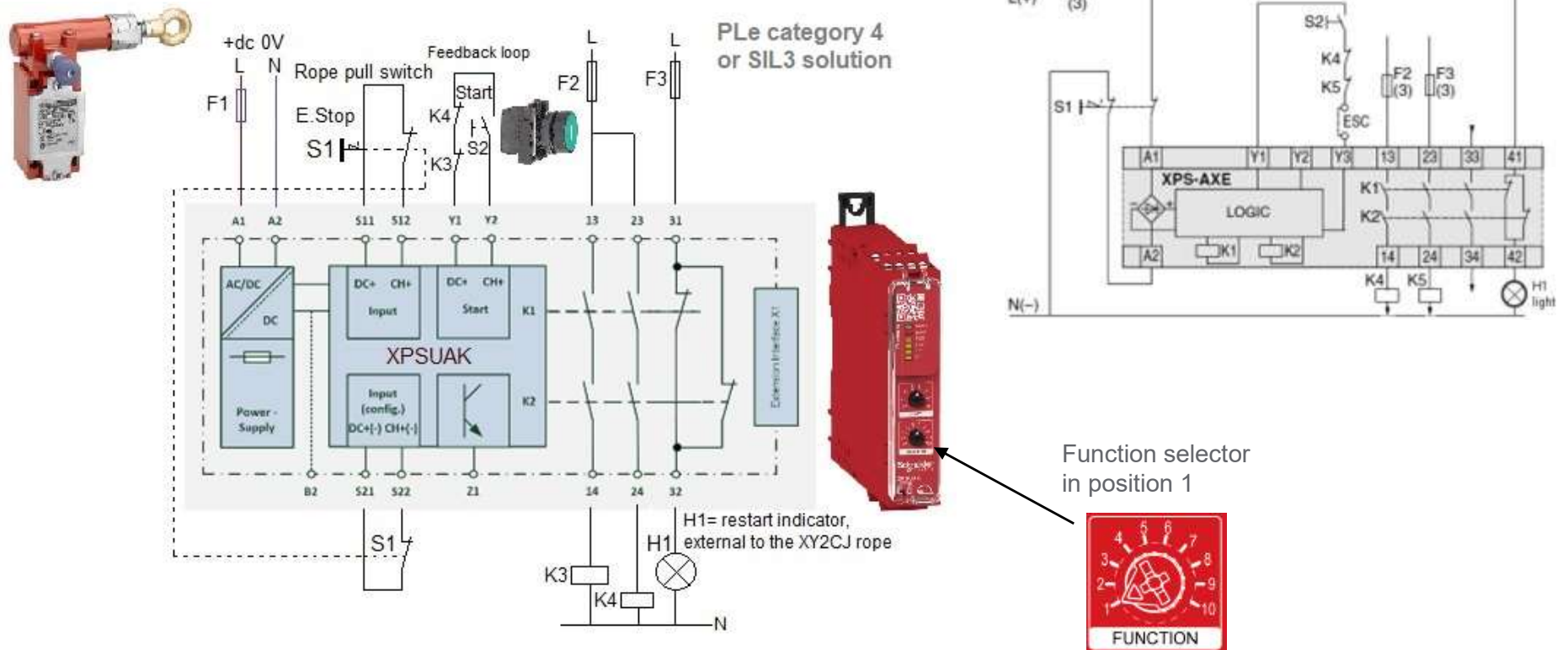
XB7EV08●P

With integral LED						
Shape of head	Type of light source (included)	Color of lens	Sold in lots of	Unit reference by supply voltage (1)		
				24 V ~/∞	120 V ~	230 V ~
●	Integral LED	Red	10	XB7EV04BP	XB7EV04GP	XB7EV04MP
		Yellow	10	XB7EV05BP	XB7EV05GP	XB7EV05MP
		Orange	10	XB7EV08BP	XB7EV08GP	XB7EV08MP

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- How to supply the light, in the XY2CJ application
  - From the XPSUAK safety relay: attached XPSUAK example using the auxiliary NC output. XPSAXE unit provides NC output



# XY2CJ E.stop rope pull switch



- How to supply the light, in the XY2CJ application (continuation)
  - From the 3-contact block of the XY2CJ\*19 switch (NO contact)

