

Emergency stop rope pull switch - XY2CED

Connection Schematics



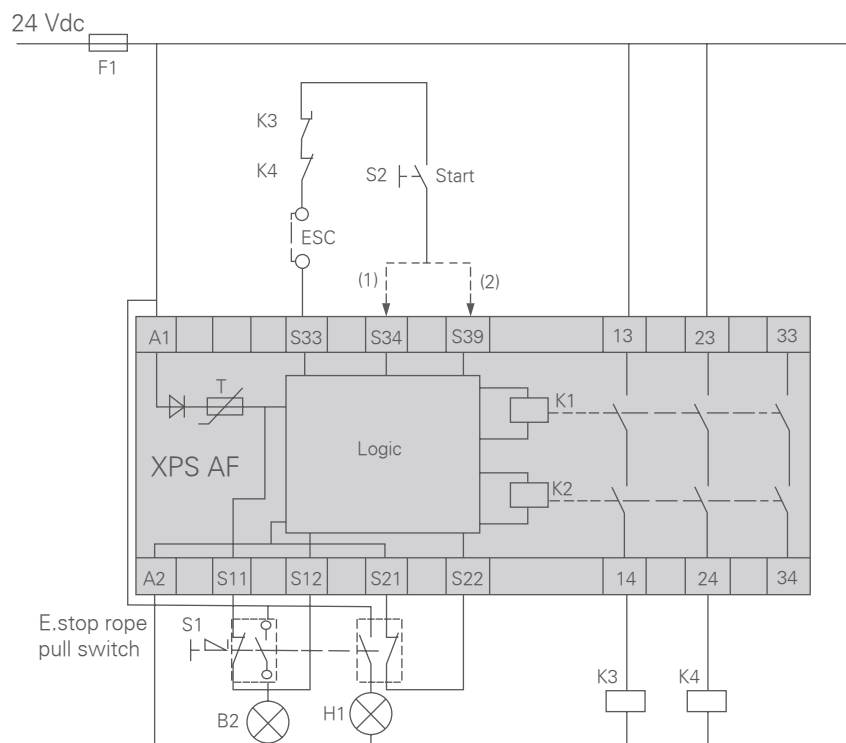
The wiring from the XY2CED emergency stop rope pull switch to the machine control circuit must be control reliable. The solid-state outputs should be connected only to a control reliable, safety-rated PLC or to a control reliable safety-rated machine system.

Table of Contents

Safety relay to reach PL «e» category 4	2
Safety controller to reach PL «e» category 4	3
Safety relay to reach PL «d» category 3	4

Safety relay to reach PL «e» category 4

Example of wiring diagram with the XPSAF5130(P) unit



S1: E.stop XY2CED rope pull switch

S2: Start button

H1: Unit pilot light (yellow or red colour)

B2: Illuminated beacon

K1, K2 auxiliary contactors with linked contacts

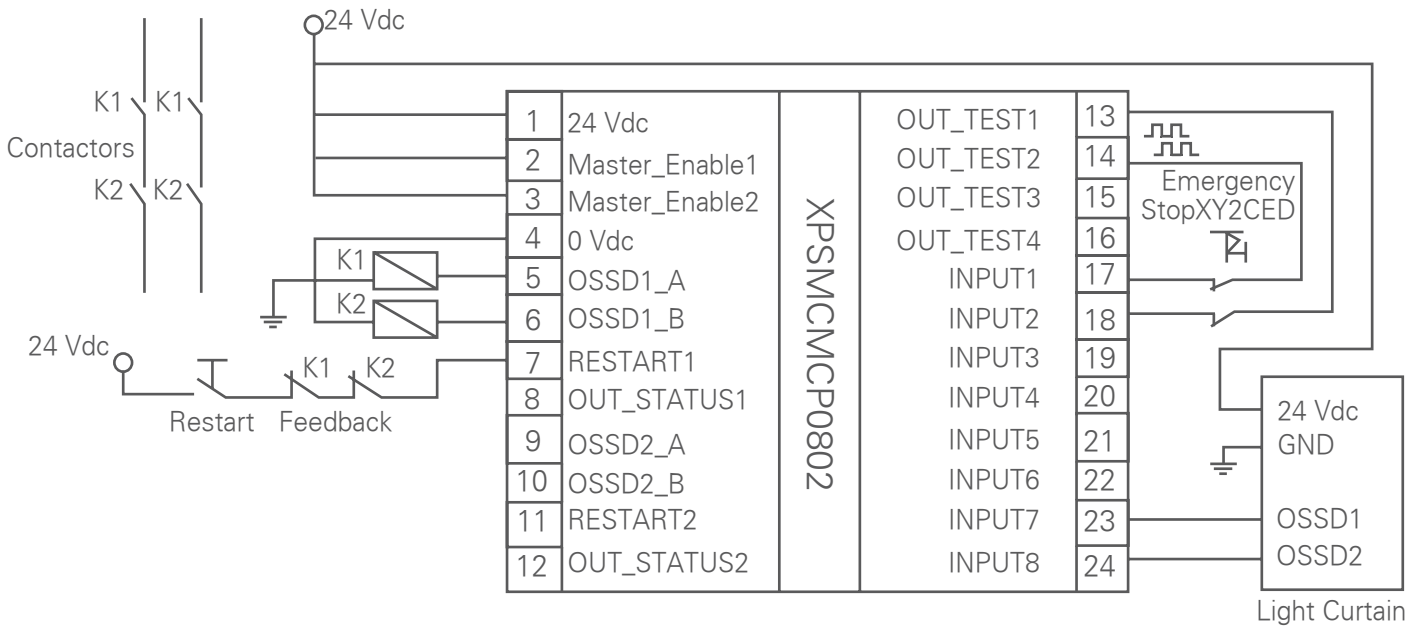
(1) With start button monitoring. Recommended wiring

(2) Without start button monitoring

ESC = External start conditions

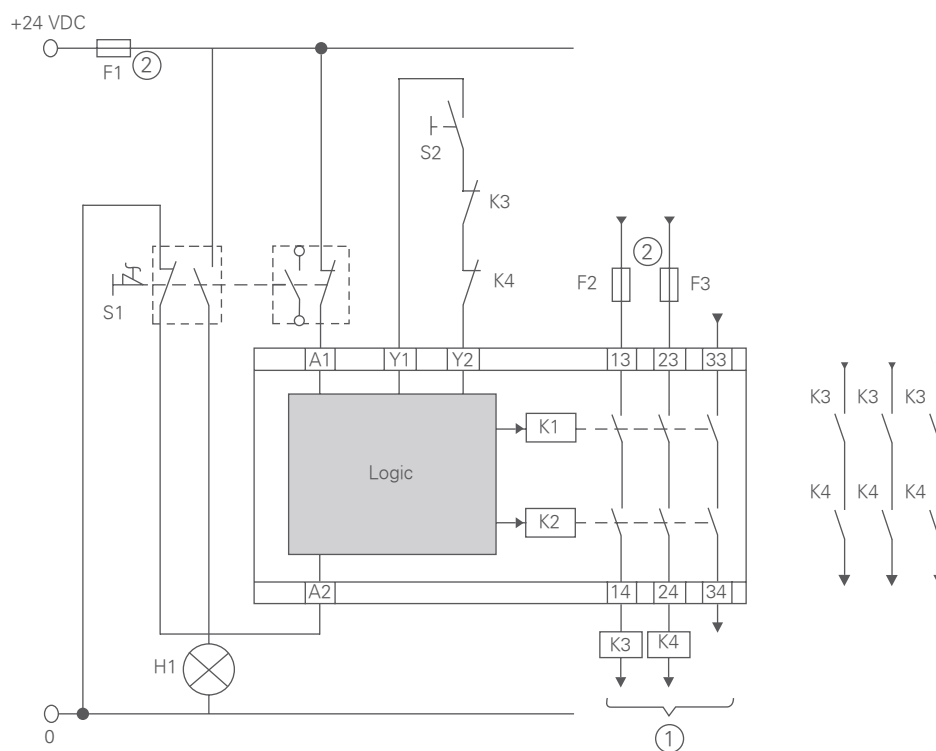
Safety controller to reach PL «e» category 4

Example of wiring diagram with the XPSMCMCP0802 + expansion units if necessary



Safety relay to reach PL «d» category 3

Example of wiring diagram in 24Vdc with the XPSAC unit



S1: Emergency Stop XY2CED rope pull switch

S2: Start button

H1: Unit pilot light (yellow or red colour)

① Safety outputs

② For fuse rating see datasheet