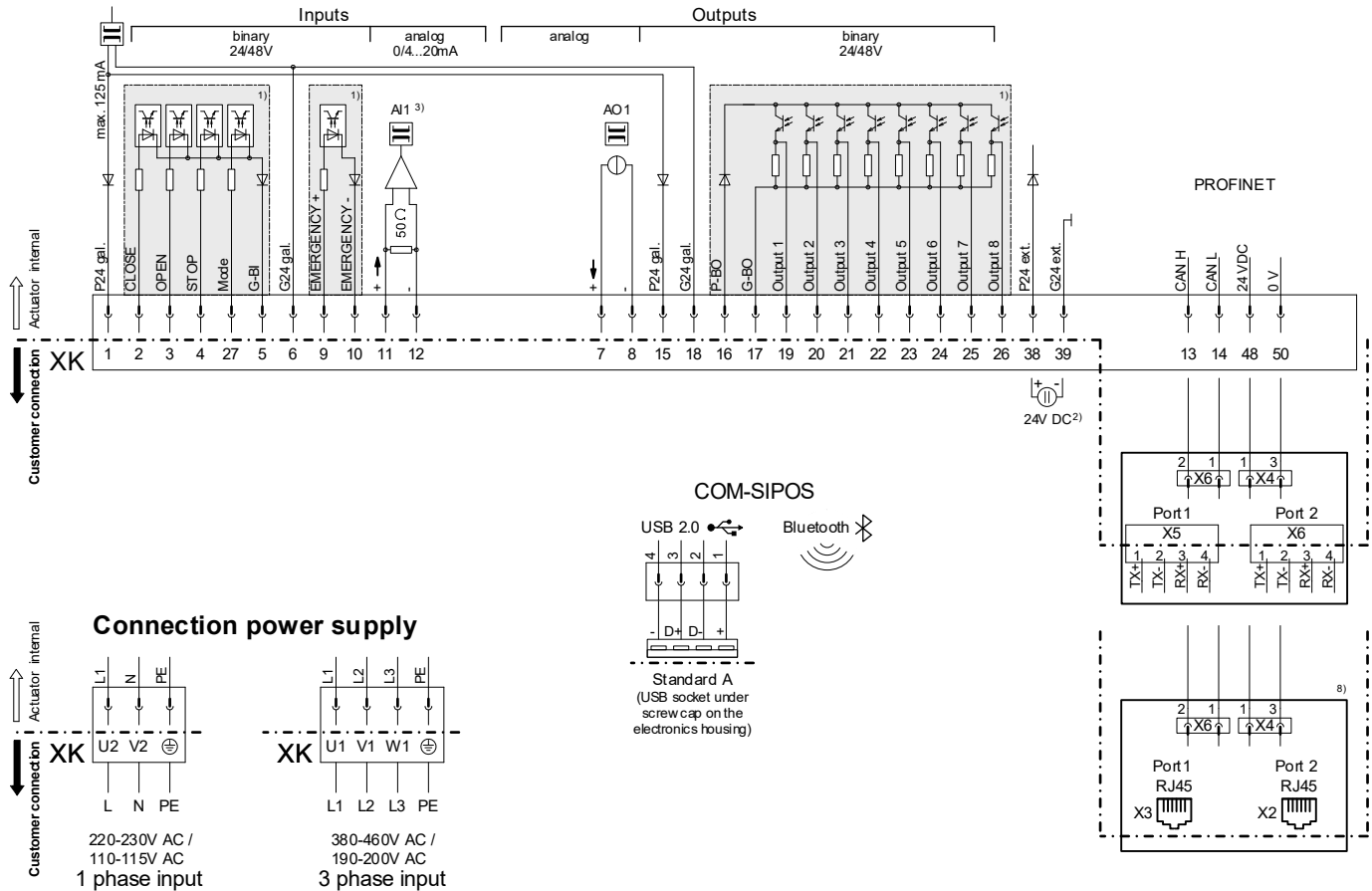


Wiring diagram PROFITRON with PROFINET

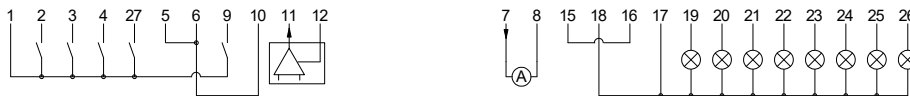
Connection control and feedback signals



Customer connection - wiring examples:

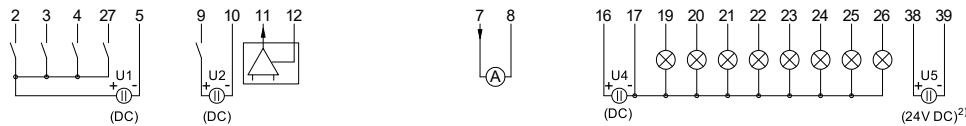
Wiring example I: „internal 24V DC supply“

(here all inputs and outputs are supplied internally from the electronics unit with 24V DC)

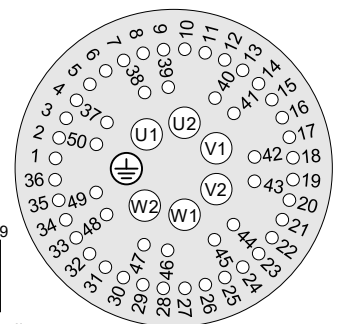


Wiring example II: „external 24/48V DC supplies“

(in this example all galvanically isolated areas are supplied externally from different 24/48V DC power sources)



Plug assignment XK



- 1) galvanically isolated areas: can be supplied from different sources with 24/48V DC
- 2) auxiliary 24V DC supply for electronics unit (if required)
(In case of mains failure both actual position value and actuator status (binary outputs 1-8) will continued to be signalled.
Communication via COM-SIPOS or fieldbus – changes of parameters resp. download of actuator data – is possible.)
- 3) option

8) option C13 - PROFINET connection with RJ45 (X2, X3) instead of Insulation displacement connection (X5, X6)

Wire cross-section max.:
- 6 mm² Power supply
- 2.5 mm² Control and feedback signals
The control/feedback wire **must** be shielded!